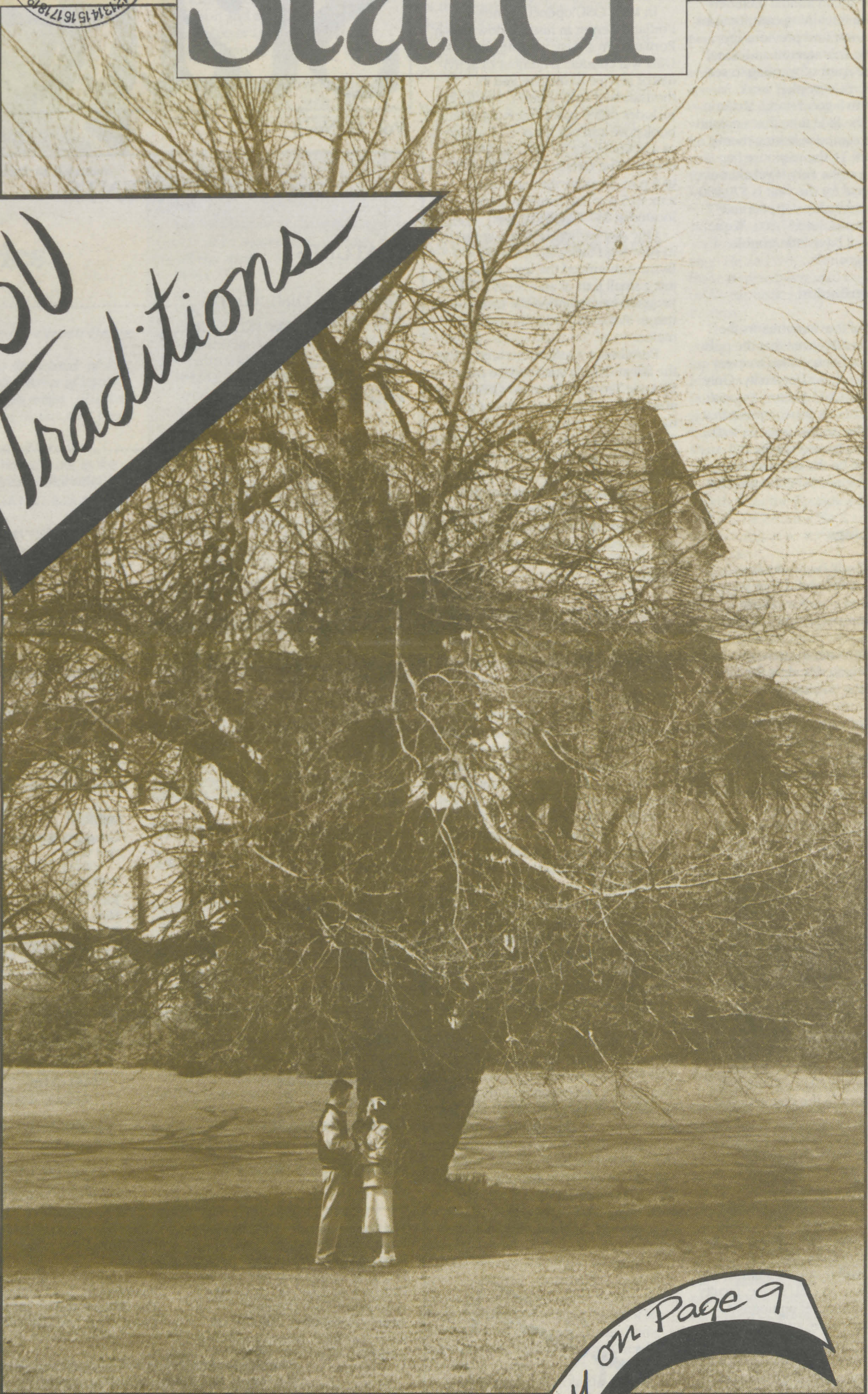
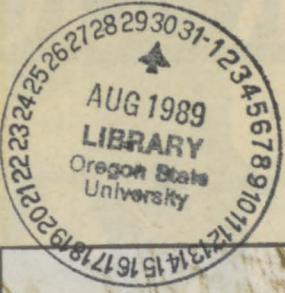


Vol. 23, No. 3  
June 1989

Oregon State University  
Corvallis

# THE OREGON Stater



*OSU  
Traditions*

*Story on Page 9*

*Summary  
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## Membership Program

Just two days before this issue went to press, I called Kevin McCann to get the latest figures on how the membership program is going at the 10-week mark.

McCann told me that as of June 14, over 2300 alumni had contributed over \$128,000 to OSU's new alumni membership plan. Most of these, approximately 2,000, are in annual memberships, with the remaining contributions coming from new and previous life members who volunteered additional support in the spirit of wanting to see the Association's new plan work.

"We're off to a good start," McCann said. "Given the little time that's passed since we first started soliciting memberships (April 1), the response has been indicative of a very loyal alumni family. Our goal for the year is \$70,000 in annual membership support and today we're at around \$57,800. We're optimistic we'll have little trouble reaching our goal."

## Stater Distribution

This issue of the *Stater* marks the first time in over 20 years that the publication has not been mailed to every living graduate of the University. Only members of the OSU Alumni Association will receive this issue, a point that is true about the August issue as well. The next issue planned for the full mailing list will be the October issue, scheduled to be published in time for Homecoming.

## Spring Things

This July, I will begin my fourth year at OSU—a delightful four years I might add—and I can't recall any spring as action-packed as this one. The news has gone from horrible to wonderful, with little in between.

OSU's anticipated budget for 1989-90 headlines the horrible side of the news.

Until a month ago, OSU officials had been hoping for at least a slight increase in state support to help fund a number of badly needed items.

In April, for example, we ran a story about OSU's \$2.5 million roof repair problem. What we said was that OSU does not have the money to fix all of its leaking roofs and it's true.

In classroom after laboratory, faculty and staff are putting out rain buckets and plastic tarps. Heavy snowfall this winter in the Corvallis area—with snow after one storm staying on roofs for almost two weeks—put an extra strain on campus buildings already in need of maintenance.

And then there's the library problem (not enough room) and the Mitchell Playhouse problem (prohibitively expensive to repair), and the faculty salaries problem (OSU's salaries are among the worst in the country) and on and on.

Now, it seems, there will be little new money available for higher education for the next two years. Oregon's public colleges and universities have been told to brace for budget cuts that could amount to four percent. In actual cold cash, OSU stands to lose several million dollars, but it's a problem that will ripple throughout the entire institution. In OSU's case, faculty salaries, new computer equipment, new laboratory space, and other commitments that have to be funded in 1989-90 will have to be taken out of existing money, a cannibalization of the University's resources.

When these commitments are added to projected legislative cuts, OSU could find itself over \$7 million short for 1989-91.

Some tough choices have had to be made and on June 5, OSU President John Byrne made those choices by

announcing budget cuts, layoffs, and department mergers in his administration's attempt to deal with the \$7 million problem. An in-depth report on what OSU plans to do to meet the current budget crunch can be found on page 6 of this issue.

And yet, Oregon State continues to make great academic strides. Two endowed chairs were presented to the University this spring, one in business, the other in semiconductors.

In May, OSU opened its new Portland Center in historic downtown Portland. From that satellite campus, OSU will conduct a number of activities of service to the city and its thousands of OSU alumni. The facility includes office space, meeting rooms, a bookstore and gift shop, and will serve as a ticket outlet for OSU athletic events. The Center is open from 9 a.m. to 6 p.m. Monday through Friday, 11 a.m. to 5 p.m. on Saturday and is located at 837 S.W. First Ave.

One day earlier, OSU made public its new logo (see page 5) and John Byrne announced the logo project was just a small part of an overall marketing program to strengthen the University's image in the state and around the nation.

Enrollment applications are up for the fall at OSU, a statistic vice president Jo Anne Trow attributes to OSU's academic reputation and a sort of national anxiety that the college of Susie's choice may not have a desk for Susie when she finishes high school. So many students are filing applications at more than one school. Still, Trow believes that most applications now on file at OSU will materialize into real students and that the University's fall enrollment will continue to be healthy.

## How's the Weather Up There?

My friend Steve Esbensen, a professor in atmospheric sciences, is always picking at me about "life at the top" and asking me, with that grin he gets on his face when he's about to stick one to you, about the "weather at the top," references not to my job or title (which are small potatoes) but to the fact that my office is in the central administration building.

Well...I found out recently that Steve has been promoted to chairman of his department and will now be enjoying that rarefied air that comes with administrative responsibility.

He'll learn that quite often it blows hot and can be overcast and stormy. Occasionally it's sweet with the smell of success. Trial balloons are seldom reliable because of the sudden shifting of the administrative wind and he will cry out in vane when he is deluged with problems.

June, the end of a fiscal year, is particularly foggy for administrators, who wait patiently for budgets to be handed out, never certain if there will be enough money for everything or if some things will have to be issued a raincheck. Steve is a great guy, though, and my forecast for him is that he'll make an excellent department head. Congratulations Steve and may the great rain gods keep the clouds away from your department.

# THE OREGON Stater

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June, 1989

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#### EDITOR

George P. Edmonston Jr.

#### ASSISTANT EDITOR

Gail Wells

#### EDITOR EMERITUS

Chuck Boice

#### EDITORIAL ASSISTANTS

Jane Derryberry  
Jean Eggers  
Luann Syfert  
Charlotte L. Williams  
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Susan Lewis

#### PHOTOGRAPHERS

Yung-Hui Cheng  
George P. Edmonston Jr.  
Mark Floyd  
Mark Scott  
Mike Shields  
Steve Shields  
Steve Wilkowske

#### DESIGN

George P. Edmonston Jr.  
Gail Wells

#### WRITERS

Joe Cone  
Mark Floyd  
Penny Hardesty  
Carolyn Homan  
David Stauth  
Mike Corwin

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The Oregon Stater (ISSN 0885-3258) is published seven times a year in February, April, June, August, September, October, and December, by the Oregon State Board of Higher Education, Oregon State University, Department of Information, Corvallis, OR 97331, George P. Edmonston, acting director.

Second class postage paid at Corvallis, OR 97333, and at additional mailing offices.

Postmaster: Send address changes to *The Oregon Stater*, 104 Memorial Union Bldg., Corvallis, OR 97331.

The Oregon Stater is the official publication of the Oregon State University Alumni Association.

#### On the cover:

OSU's Trysting Tree c. 1960. Cut down in 1987, the Trysting Tree was for many years one of OSU's best-known traditions. Photo courtesy OSU archives.

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

## Spanier

Good article "The Future of the American Family" by Graham B. Spanier in the February 1989 issue of *The Oregon Stater*.

My husband is a graduate of OSU. I am a graduate of OCE (Oregon College of Education) and University of Oklahoma here in Norman.

Much of my degree work is also in sociology, human relations, and child development. (Rest in education, anthropology, etc.)

I have only one comment other than my opening of a good article.

Childless? Spanier, get with it! It's *childfree!*

Re-check "Children: a factor in marital satisfaction" in *Journal of Marriage and the Family* 1970. Or re-check Rollins and Feldman's 1970 marital satisfaction graphs. Even better yet—re-read Ann Landers "To Bear or Not to Bear" column results and letters (1-23-76).

These sources will tell you why more and more intelligent, educated, and happy individuals and couples are choosing to NOT have children.

It's not caffeineless on the coke can, drugless life style, cancerless biopsys...etc. It's "free".

Again, good article!

**Pam Mercer-Roberts**  
Norman, Okla.

## Pleasantly Surprised

While visiting the Naval Aviation Museum located aboard Naval Air Station Pensacola, Florida, I was pleasantly surprised to find one of our Beaver alumni figuring prominently in the "Hall of Honor" display.

Major General Marion Carl had a long and illustrious military career, no doubt fostered by the spirit and academic excellence of Oregon State University. It would be interesting to delve into his pre-Marine Corps background and discover his formative beginnings. Was he a native Oregonian? What made him choose the Marine Corps? Was there a particular incident while at Oregon State that influenced him to choose the path he took?

Your recent articles on Linus Pauling and other prominent alumni have been thoroughly researched and well written. I believe that this is a chance to do likewise with another of our famous alumni.

University records should be able to give a good start to Maj. Gen. Carl's pre-Marine Corps background. The director of the History and Museums Division, Headquarters, U.S. Marine Corps, Washington, D.C., can supply all needed information concerning his years as a Marine. Further, the Naval Aviation Museum may be able to provide valuable historical footage or aviation memorabilia.

I believe that Maj. Gen. Carl is still living in the Quantico, Virginia area and is available for interviews.

I sincerely hope that time may be found to publish an article on Maj.

Gen. Carl. He certainly qualifies as one of Oregon State's memorable alumni.

**Patrick M. O'Donoghue '71**  
Roseburg, Ore.

*Editor's Note: Plans are underway to include a profile of General Carl in a future issue of the Stater.*

## Alumni Membership

Yes, we want to join the Alumni Association! However, you don't make it easy; the interest form was on page 24 of the February *Oregon Stater*, the cost of membership was buried on page 2, and the address was in the Hawaii Football Tour form on page 17.

We certainly enjoy the new *Oregon Stater*. The feature articles always make us think, which is what OSU was and is supposed to do. The balance of campus, alumni, and sports news is just about right.

**Helen Wetter Hart '60**  
**Dick Hart, PhD. '61**  
Cheyenne, Wyo.

*Editor's note: In recent issues, we've made it easier to apply for alumni membership by correcting the mistakes pointed out in your letter. Thanks for writing.*

I recently received my mailing on alumni membership. I'm told in the letter that I'm already a lifetime member, but that I can "rejoin" as a lifetime member. Does this imply some confusion? Are there two classes of lifetime membership? Am I a "charter" lifetime member already or only if I rejoin? Also, an upgraded lifetime membership requires one payment of \$200. Really new first-time lifetime members can spread their payments over several months, but not my category for conversion from "second class" to "first class" lifetime membership. A provision for a budget payment plan would have been appreciated.

If the Alumni Association needs money (and I'm sure it does), it has to compete with appeals from the OSU Foundation, the School of Engineering and the EE department for my dollars. Last year, I had to split my contribution between the three groups and wasn't able to increase my overall total by much. I suspect that lots of us have the same problem of making choices within limited budgets.

Maybe the Alumni Association can reconsider what they have said in their March mailing. In spite of the confusion over the level of membership, I'll still support OSU in the future.

**Dave Newbern '65**  
Burke, Va.

## OAC or OSC?

Referring to the letter and the editor's note on page 3 of the April *Oregon Stater*.

The *OSU Fact Book* is wrong. The legal name of the college was always Oregon State Agricultural College. In the many years when agriculture was emphasized, the popular name was Oregon Agricultural College or OAC.

When I was campus and Corvallis correspondent for the *Portland Oregonian* and was a "Commerce Punk" in 1927, I pointed out to my editor that Agriculture was only one of 12 schools in the college, so the newspaper's continued use of "Oregon Agricultural College" for the dateline on my

dispatches was unfair to the other 11 schools.

My editor agreed and changed the dateline to "Oregon State College". Thereafter general usage fell in line and it was OSC until the institution became a university.

Perhaps you can get the *Fact Book* to correct its faulty information about OSAC.

**Albert W. Bates '29**  
Hemet, Calif.

In regard to the OAC/OSC controversy:

The 1937 date given in the new *OSU Fact Book* for the change from Oregon State Agricultural College or Oregon State College was merely the time when the administration caught up with what had been going on for a long time. The state legislature did not catch up on the change until 1953.

Much earlier than that, student publications had dropped "Agriculture" from the title. *The Beaver* began identifying itself as the yearbook of Oregon State College at least by 1928. The alumni Office also used O.S.C.

Two people I have talked with claim to have been the first to make the change from O.S.A.C. to O.S.C. At an alumni meeting in Honolulu in 1952, Webley Edwards, creator of the "Hawaii Calls" radio program, told us that when he was a campus sports reporter in the early 1920s he and the editor of a Portland newspaper agreed to use the shorter title.

Mrs. Mary Bowman Hull, private stenographer for President William Jasper Kerr from 1913 until after he became Chancellor of the State System, once told me—confidentially, she said—that she was the one who started the name change. In the mid-1920s she was typing a letter Kerr had dictated and purposely wrote "Oregon State College". She feared that Kerr might scold her, but he signed the letter without comment. She continued to use O.S.C. whenever it seemed appropriate.

When the team from the U.S. Office of Education made the survey of Oregon higher education which led to formation of the State System, they consistently referred to the units as the University, the State College, and the three Normal Schools. That was about 1929 or 1930.

Students in the early 1930s thought they were attending Oregon State College. In fact, I was surprised in June, 1934, when Chancellor Kerr handed me a diploma stamped "Oregon State Agricultural College." No doubt others felt the same way. We had heard of an O.A.C. some time in the past, but we sang, "O.S.C., our hats are off to you!"

**J. Kenneth Munford '34**  
Corvallis, Ore.

I'm afraid I am in agreement with Floyd E. Long's letter to the editor of the *Oregon Stater*, Vol. 23, No. 2, April 1989. I also entered OSC for the fall term in 1935—a transfer from Sacramento Junior College.

Oregon State was Oregon State College at that time.

My Vol. 30 *Beaver* refers to the school as Oregon State College. On page 24 it states that George W. Peavy was president of Oregon State College.

Page 23 of the *Beaver* states that Dr. Kerr had been head of Oregon State College for 25 years.

My B.S. degree "sheepskin" is printed in bold type, OREGON STATE COLLEGE.

Your editorial note says—now—that Mr. Long and I are both wrong. If so, someone was wrong in 1935!

**Quinten D. Hazen '35**  
Santa Cruz, Calif.

*Editor's note: The Oregon Stater asked Gary Beach of OSU's Office of Budgets and Planning and one of the principal authors of OSU's new Fact Book, to settle this question once and for all. Here's what he had to say:*

I have reviewed the historical information as it pertains to OSU's institutional name changes and the dates associated with those name changes. I have reaffirmed to my own satisfaction that the information presented in the *OSU Fact Book* is, in fact, correct. No changes to the table have been made or are anticipated at this time. As Ken Munford pointed out in his memorandum of May 3, 1989, the controversy that exists from the viewpoint of some alumni lies in the different ways in which different names for the institution were used, both officially and unofficially, at various periods in our history—particularly during the 1920s and 1930s.

Officially, the institution unilaterally changed its name from Oregon Agricultural College (OAC) to Oregon State Agricultural College in 1927-28. The term "State" was added, probably—though not confirmed—in light of changes that were going on nationally and within the state at the time. Most public, state-supported, land-grant institutions across the country were differentiating themselves from other higher education institutions within a particular state name; e.g., Oregon State, Washington State, Michigan State, Oklahoma State, etc. In Oregon this change occurred two years before the establishment of the Oregon State System of Higher Education. Thus, between 1927-28 and 1937-38, the institution name that appeared on the front cover of the General Catalog, on letterhead stationery, and on diplomas, as well as the embossing instrument employed in the library to mark new books, used the title "Oregon State Agricultural College". In 1937-38 the term "Agricultural" was dropped from the official documents and the institution became "Oregon State College". This particular name change was recognized *ex post facto* by the Oregon Legislature on April 15, 1953.

During the transition from "OAC" to "OSC", most students on campus skipped the intermediate step of referring to the institution as "OSAC." Thus, in the *Daily Barometer*, *Beaver* yearbook, local and regional newspapers, and even in personal conversations, we were, in the eyes of most students and residents of the state, either OAC or OSC. The change that occurred in 1937-38 was probably a recognition on the part of the administration of the time (President Peavy) that the institution name had effectively been changed to OSC through common usage, and an acknowledgment of the fact that the institution offered a wide variety of academic programs outside the area of agriculture and extension service which the term "Agriculture" would, and probably did, imply. Today, the tendency to simplify and abbreviate institutional names in Oregon (and elsewhere) continues. When the universities in Eugene and Corvallis are discussed and compared, for example, frequently we see or hear the terms "Oregon" and "Oregon State" being used to differentiate the two institutions in the state with Oregon in their title.

**Gary Beach**  
Office of Budgets and Planning  
OSU

## Class Reunions

1949, '69	Oct. 13-14
1979	Oct. 14
1959, '64	Oct. 20-21

## FACULTY NEWS

**James M. Thompson** has joined the faculty of the OSU department of animal science as Extension sheep specialist, filling a position vacant for more than two years, according to Steven L. Davis, department head. Thompson comes to OSU from South Dakota State University, where he has served as Extension livestock specialist since 1980.

The Oregon Extension position was reestablished by the Oregon Legislature as a result of demand from the state's sheep industry, the 14th largest in the nation, Davis said. The last specialist was Howard Meyer, who now holds a teaching and research position in the department.

Reestablishing communication between the department and the industry will be high on Thompson's priority list, Davis said. The new specialist will visit southwest Oregon counties in early May.

Raised in Wisconsin, Thompson earned his bachelor's degree in animal science from the University of Wisconsin, River Falls, in 1969. After military service, he earned his graduate degrees in animal science at the University of Missouri.

An honorary doctorate from the Aarhus School of Business in Aarhus, Denmark, will be awarded in August to **Arthur Stonehill** of the OSU College of Business. OSU and Aarhus have had a student exchange program for the past two years. Stonehill has taught at the Copenhagen School of Business, a sister to the Aarhus school, and at the North European Management Institute in Oslo, Norway. He has also researched and published widely on Scandinavian business and economics. He has been on the OSU faculty since 1966.

**Joseph Nibler**, professor of chemistry at OSU, has received a visiting fellowship for 1989-90 at the Joint Institute for Laboratory Astrophysics in Boulder, Colo. The institute is operated jointly by the National Institute of Standards and Technology and the University of Colorado at Boulder. It is a center for advanced research and teaching in several areas of physics, chemistry, and astrophysics. Nibler conducts research in the experimental and theoretical aspects of coherent Raman spectroscopy. He received his doctorate from the University of California at Berkeley in 1966 and has been on the OSU faculty since 1967.

An OSU pharmacy professor traveled to Washington, D.C. in May to take part in a national pharmacy education conference. **William Simonson**, associate professor of pharmacy, represented the American Society of Consultant Pharmacists at the Conference on Certificate Programs. He is president of the Oregon Society of Consultant Pharmacists.

The meeting is sponsored by the American Association of Colleges of Pharmacy and the American Council on Pharmaceutical Education. Simonson helped develop and deliver a national certificate program on geriatrics, a joint project of the OSU College of Pharmacy and the National Association of Retail Druggists.

**Ilsa Kaatari**, instructor of microbiology at OSU, is president-elect of the Association for Oregon Medical Technology. This professional organization includes 350 clinical laboratory scientists, mostly medical technologists. Kaatari serves as the chief pre-medical technology advisor at OSU and works with the student club in this field of study. She will attend the national conference of the American Society for Medical Technology in Washington, D.C., this month.



Trumpeter Wynton Marsalis

## NEWS BRIEFS

*Titanic* discoverer Robert Ballard, astronaut Jeffery Hoffman, and jazz trumpeter Wynton Marsalis are among the attractions slated for da Vinci Days, a celebration of art, science, and technology co-sponsored by OSU and the city of Corvallis. Set for July 21-23 at OSU, the festival aims to celebrate da Vinci's inventiveness, and also to showcase OSU's prowess as a science and technology university.

OSU is sponsoring the speakers. Ballard, discoverer of the sunken *Titanic*, will tell of his quest. Lillian Schwartz, an Emmy-winning artist known as the founder of computer-generated art, will speak on da Vinci's Mona Lisa—exploring the possibility that the masterpiece is really a self-portrait of the artist. NASA astronaut Jeffery Hoffman will share his space-shuttle experiences.

Exhibits include miniature hot-air balloons, models of da Vinci's inventions, a "car concert," and a garden of moving sculpture. Marsalis will play on Saturday of the festival. For information, contact da Vinci Days, P.O. Box 1536, Corvallis, Ore. 97339; (503) 757-1544.

The recent social disturbances in China have forced OSU to cancel its sixth annual summer China Study Program, which had been scheduled for June 17-July 8. "It would be unwise to take a group to China this year," says Henry J. Sredl, professor of industrial education and program coordinator. "From the legal standpoint, the university must be responsible for ensuring such programs are undertaken within reasonable limits of prudence and common sense."

Sredl visited China in May and witnessed the student demonstrations in Tiananmen Square. Despite what he reported as a positive feeling among the demonstrators at that time, conditions made travel very difficult. Besides, the disturbances have temporarily closed such popular places as the Forbidden City.

Sredl is still making tentative plans for the 1990 trip and for a planned 1991 tour to Tibet, but much will depend on costs and on the continuing political climate in China, he says.

OSU entomologists came back from Turkey last year with some special cargo—tiny wasps no bigger than gnats. The wasps are natural predators of the Russian wheat aphid, a serious pest in wheat fields of the Great Plains and potentially damaging in the Pacific Northwest. The wasps may be a way to control the pest.

According to Jeff Miller, OSU entomologist, the wasps will be

released in outdoor cages containing wheat infested with the aphid at OSU's Hermiston Agricultural Experiment Station. The aphids and wasps will be observed to see if the wasps significantly reduce the aphids' numbers, Miller says.

"The Russian wheat aphid came to this country from Asia without any of the co-evolved enemies that would naturally suppress its populations at home," says Miller. He's an expert in biological control—the use of a pest organism's own natural enemies to keep it in check.

According to Miller, female wasps lay their eggs inside the aphids. Each wasp egg hatches into a larva that grows inside the aphid, eventually killing it.

If the wasps do their job, they will be released into the Hermiston experiment station fields.

A genetic analysis of their "family tree" has found that all pine trees have a common ancestor, which also just happens to be the oldest living plant on Earth.

According to researchers at Oregon State University, the present-day bristlecone pine, an ancient tree that can live up to 4,000 years in cold, rocky terrain, is apparently very near to a common link for all modern pine tree species.

Some of the more modern pine species, such as ponderosa pine or

lodgepole pine, are relative youngsters on the evolutionary scale. These trees bear little resemblance to their stubby ancestor and became widespread only within the last several million years.

Their ancient cousin, on the other hand, has probably been around for most of the 130 million years that pine trees are evident in the fossil record, and has apparently developed some unique survival characteristics. Some bristlecone pines alive today sprouted 2,000 years before the birth of Christ.

Detailed maps of the seafloor off the Northwest coast, formerly classified for security reasons, are expected to be made available soon to researchers. The move comes from the U.S. Navy as part of a general declassification plan for high-quality mapping data collected since 1985 by survey ships in the 200-mile Exclusive Economic Zone. The only restrictions on the release have to do with maps of nuclear-submarine exit routes.

Researchers are pleased. "This is a tremendous service to the entire scientific community," says George Keller, OSU vice president for research and chairman of the University National Oceanographic Laboratory System. One significant benefit of the declassification, scientists say, is that it will yield more complete data for the study of earthquakes.



Warren E. Kronstad (left) and T. Darrah Thomas are this year's Distinguished Professors, the highest honor OSU accords its faculty.

## Distinguished Profs Named

OSU has named Warren E. Kronstad and T. Darrah Thomas as recipients of its Distinguished Professor award. Kronstad and Thomas will hold the title as long as they remain at the university.

The Distinguished Professor award carries a \$3,000 annual salary increase in addition to the permanent title. "The honor is awarded to professors recognized internationally for their pathbreaking work," says Graham B. Spanier, provost and vice president for academic affairs. "Such recognition may also be based on truly outstanding teaching."

Kronstad, professor of plant breeding and genetics, is an internationally known wheat breeder whose cultivars today occupy 85 percent of wheat acreage in the Pacific Northwest. He developed the Stephens cultivar, which comprises about three-fourths of all wheat grown in Oregon and is a major crop in Washington and Idaho. He also developed the Yamhill, Hyslop, and McDermid cultivars, which have generated an additional \$35 million due to their greater yield and better disease resistance.

Kronstad, who has been major professor to dozens of master's and doctoral students, has been on the

OSU faculty since 1959. In 1987 he became the first holder of a \$1 million endowed chair for wheat research at OSU.

T. Darrah Thomas has been director of OSU's Center for Advanced Materials Research since 1986. The center was established to strengthen research and education in the properties, synthesis, and understanding of new materials, emphasizing those materials that are important to Oregon's economy.

A world leader in the field of photoelectron spectroscopy, Thomas has contributed heavily to the study of decaying atomic nuclei. His work includes demonstrating how electronic properties of small molecules influence their chemical properties. Thomas has also done extensive research in the fields of nuclear chemistry and nuclear physics.

Thomas came to OSU in 1971 after serving on the faculty at Princeton University for 10 years. Like Kronstad, he has received numerous awards for teaching and research.

OSU named its first Distinguished Professors last year, honoring plant physiologist Harold J. Evans and geneticist Kensal E. van Holde.

—David Stauth



OSU president John Byrne and artist David Hardesty unveiled OSU's new logo in May.

## OSU Unveils New Logo

Oregon State University has adopted a new identifying logo—a progressive design that OSU president John Byrne says will lead the university into the 1990s.

Designed by OSU art department chair David Hardesty and Rickabaugh Design of Portland, the new logo combines contemporary and traditional elements, Byrne says.

"We felt the logo should match the dynamism of our faculty. As we break new frontiers, a new logo is appropriate."

The distinctive, letter-within-a-letter design was unveiled at the May grand opening of OSU's Portland Center, and will adorn the center's

windows. By fall, it will likely begin appearing on university letterhead.

The timing is excellent, Byrne says, because it's in keeping with other changes at the university. Many departments will be ordering new stationery this summer, when OSU switches to a new telephone prefix as part of a telephone-system conversion in June. Besides, more-detailed ZIP coding is being mandated by the U.S. Postal Service. And OSU is in the midst of curriculum changes.

All this makes right now a good time for a new identifying symbol, university officials say.

—Betsy Krause

Young-Hui Cheng

## Superconductivity Pioneer to Join OSU Faculty

With a warm welcome from both OSU president John Byrne and Oregon governor Neil Goldschmidt, an internationally known scientist is joining the OSU faculty.

Arthur W. Sleight, a pioneer and international leader in the fast-developing field of superconductivity, has accepted an appointment to the Milton Harris Chair of Materials Science at OSU. His presence, says OSU president John Byrne, will greatly enhance Oregon's research into high-temperature superconductors. These materials have been the focus of worldwide attention since major scientific breakthroughs in 1987.

"The association of Dr. Sleight with OSU will give added momentum to the already excellent program in materials science," says Byrne. "His presence will enhance our ability to conduct research that benefits the state and the nation, and we are delighted that he is joining us."

Says Goldschmidt: "Dr. Sleight's background and reputation as an industry research leader in superconductivity brings excitement and great promise to Oregon research programs in that area."

The Milton Harris Chair is in the OSU chemistry department. It is the first endowed chair created at the university, with \$1 million contributed by Milton Harris, a well-known polymer chemist and OSU alumnus. Sleight's acceptance culminates an ex-

tended search for a premier scientist to fill the new position.

Sleight is currently the research leader of the Du Pont Central Research and Development Department, of E. I. Du Pont de Nemours, Inc., in Wilmington, Del. As a solid-state chemist and pioneer superconductivity researcher, he has received numerous professional awards, applied for and received 11 patents, and produced about 200 scientific publications. He is a member of the Presidential Commission on Superconductivity.

Research interest has recently exploded in the field of superconductors—materials that have no resistance to electricity. With the discovery last year of new ceramic compounds that can superconduct at temperatures above that of liquid nitrogen, a whole range of new possibilities has excited the scientific community worldwide. Some of the first applications, say scientists, may come in higher-speed computers and communications systems. Farther into the future, applications may range from trains that levitate on super-powerful magnets to better transmission of electricity.

"Dr. Sleight is simply the best, most prestigious scientist in the country working in the field of oxide superconductors," says A.E. Riesen, president of Teledyne Wah Chang in Albany, Ore., the largest U.S. producer of conventional superconductor materials.

—David Staught

## 3,500 Receive Degrees at June 11 Commencement

Oregon State University held its 120th annual commencement ceremony on Sunday, June 11 in Gill Coliseum.

About 3,500 degrees were awarded to the 1989 graduating class under procedures administered by Wallace E. Gibbs, registrar and director of admissions, and his staff.

Three honorary doctorate degrees also were awarded during the ceremonies. The recipients, honored for their research, scholarly pursuits, and contributions to society, were W. Edwards Deming, Paul Berg, and John A. Young (see page 20).

Deming is credited with shaping Japan's modern economic success by infusing its industry with high quality standards. After World War II, Japanese factory production was at an all-time

low. Deming's statistical methods boosted output by cutting product defects. He is one of the most highly decorated foreigners in the history of Japan.

Berg, a pioneer in the field of gene research, received the 1980 Nobel Prize for chemistry. He has been instrumental in developing the technique for recombinant DNA, which has allowed scientists to cut certain gene molecules and "recombine" them to create new genes, new viruses, and new organisms.

Young is a 1953 graduate of Oregon State and has been chief executive officer of Hewlett-Packard for more than 10 years. Under his leadership, H-P has achieved both prominence in the electronics industry and a reputation as one of the most progressive firms in the United States.

As it has in the past, Oregon Public Broadcasting carried the live telecast from Gill Coliseum. Shirley Howard, OSU alumna and OPB reporter, served as commentator.

Videotapes of the broadcast can be purchased from OSU's Communication Media Center. Cost is \$40. For more information, call 754-2121.

## Portland Center Opens

OSU opened its Portland Center on May 11 with a grand announcement: a \$1 million endowed chair in the College of Business. (See story, page 14.) Sara Hart Kimball, a 1958 OSU alumna, announced her gift at the gala grand opening, which featured speakers John Byrne, OSU president; Robert Adams, Oregon State Board of Higher Education; Dick Bogle, Portland City Council; and Denny Todd, president of the OSU Alumni Association.

The Center, located in the Mikado Building at First Avenue and Taylor Street, will be a multi-use facility focusing on alumni activities, student services, and art.

Stefan D. Bloomfield, assistant to the president and director of the center, says it also will provide information for

potential and current students on programs, curriculum, admissions, financial aid, housing, and other matters.

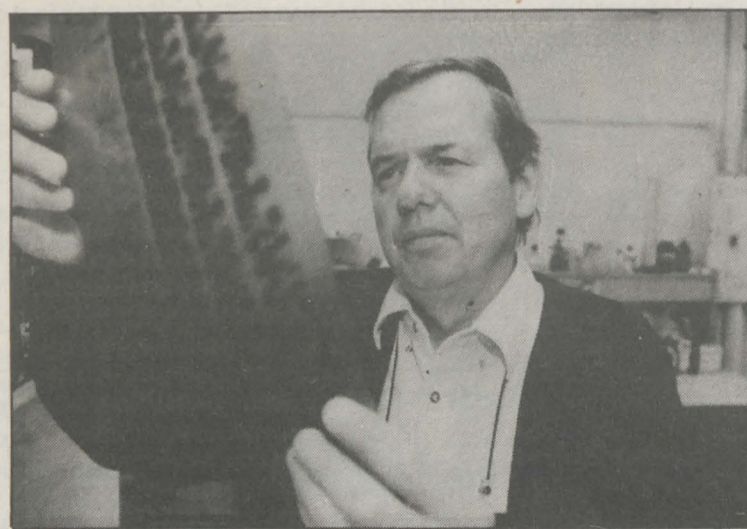
The third purpose of the Center will be to display works of art by OSU faculty and students and by alumni and friends of the university.

"I would like to see the center become one of the premier art galleries in Portland, if not in the state," says Bloomfield. Art will be displayed throughout the Center, which will join with other Portland galleries for their "First Thursday" evening art tours.

The center, at 837 S.W. First Ave., is open from 9 a.m. to 6 p.m. Monday through Friday, and from 11 a.m. to 5 p.m. on Saturday. Telephone number is (503) 464-3073.

## Van Holde Elected to NAS

Kensal van Holde, a cancer researcher and professor of biophysics at Oregon State University, has been elected to the National Academy of Sciences. Election to the academy is considered one of the highest honors that can be accorded a scientist or engineer. Van Holde was the only scientist in Oregon to be chosen this year for membership.



Joan Biggs

### Kensal van Holde

Van Holde was one of 60 new members and 14 foreign associates from eight countries to be recognized "for their distinguished and continuing achievements in original research," academy officials said.

"This is a great honor for Dr. van Holde, and Oregon State University is honored as well to have a scientist of his caliber on our faculty," says Graham B. Spanier, provost and vice president for academic affairs at OSU.

Van Holde is an American Cancer Society Professor of Biophysics, a lifetime designation that recognizes his pioneering work in the structure of chromatin. This is a complex of protein and DNA that appears to be responsible for the expression of cell function and reproduction.

Van Holde was one of the first scientists to develop evidence for the existence of nucleosomes, the unit elements of chromatin. His research has had a major impact on theories of how certain genes are packaged, expressed, and replicated.

"What we, and many others, are trying to find out," says van Holde, "is this: what is the mechanism that allows certain genes to be read in certain cells and not in other cells?"

A key ingredient in this mysterious mechanism, researchers believe, is chromatin. "The DNA molecule is a

very, very long information tape that can be read," says van Holde. "In all higher organisms, DNA is present, complexed with certain binding proteins. These proteins tie it up, wrap it up, condense it. That complex is chromatin.

"A lot of us believe that the secret to how certain genes are expressed is in the way chromatin is organized." Chromatin appears to bind DNA strands in such a way as to make certain segments unreadable. Those segments of DNA that are less tightly bound appear to be the ones that govern how a cell develops.

Van Holde has authored four books and more than 120 scientific papers. He received his doctorate from the University of Wisconsin at Madison in 1952. He has been on the OSU faculty since 1967.

The National Academy of Sciences is a private organization of scientists and engineers dedicated to the advancement of science and its use for the general welfare.

—Mark Floyd

## Raindrops Keep Falling On Their Heads

Last March, Walter Rudd was interviewing a faculty member from Columbia University for a position in OSU's department of computer science when water began to leak from the ceiling—right onto the visiting candidate.

"We were talking about what a wonderful place Oregon State University is, and water from the leaky roof started dripping on him. He had to move his chair because he was getting wet," says Rudd, chairman of the computer science department. The incident is the sort of thing that "doesn't make a good impression on a potential faculty member."

Rudd is one of numerous OSU faculty, staff, and students whose offices, labs, and auditoriums have been plagued by water leaking into work and teaching areas.

"I find it deplorable that some professors are working in offices where there is water dripping into buckets on the floor," said Kathleen Mulligan, who as assistant vice president of finance and administration

biennium represent only 14 percent of the \$16 million that's needed for projects such as removing asbestos, repairing water lines, cleaning the sewer system, repairing streets, and reroofing buildings.

There are maintenance funds in the form of the so-called "indirect cost recovery" funds—money from research grants that's earmarked for administrative overhead. But that money doesn't begin to solve the leaky roof problems, according to Wells.

Repair of deteriorating roofs has been ranked as a top administrative priority. The work will cost \$2.5 million, which could more than deplete the university's anticipated 1989-91 budget for all capital repairs.

In many problem areas, physical plant workers have fashioned plastic tarps into upside-down "umbrellas," which hang from the ceiling. Rubber hoses attached to the "umbrellas" drain trapped water away into gutters or sinks.

Several labs in Wiegand Hall feature the umbrella contraptions. Dave



A "temporary" tarp installed to catch the drips in Wiegand Hall

oversees physical-plant operations. "The campus is unfortunately suffering from inadequate maintenance and repair due to a lack of funding. The condition of our buildings obviously has not been a top priority in the state."

To Rudd, the issue is tied to a general shortage of state support for the university. Keeping and recruiting quality students and faculty becomes difficult when physical aspects of the university deteriorate.

"There are certain basic things that the state should provide," Rudd said. "One of those is a roof over your head."

State funding for capital repairs, says Hod Wells, OSU physical plant director, is not keeping pace with campus needs. Expected allocations of \$1.5 million to \$2.3 million for the 1989-91

Williams, an assistant professor of food science and technology, said he was relieved when the device was first rigged up. But his enthusiasm quickly waned.

"When I heard it might be a few years before any permanent repair was made," Williams says, "I was a little concerned." He's worried about the safety of the four graduate students and research technician who share the lab and the threat to his research, as well as to the lab's expensive equipment.

"We do a lot of experiments that require pretty clean conditions because we're working with radioisotopes" he says. "So it would be pretty bad if we had watery tar stuff leaking around."

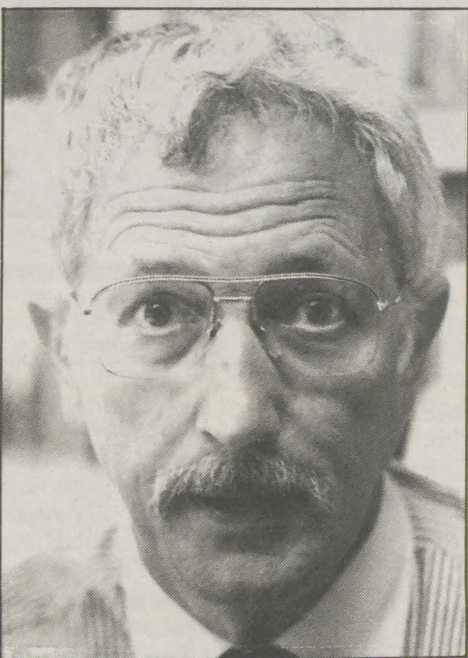
—Betsy Krause

## Engineering Dean Chosen

John Owen has been chosen as the new dean of the OSU College of Engineering. Owen is professor and head of the department of electrical and computer engineering at OSU and vice chancellor for the Oregon Center for Advanced Technology Education. He will begin his new duties on Jan. 1, 1990.

Owen succeeds Fred Burgess, who has held the dean's position since 1971. Burgess will retire at the end of this year. Owen was selected from a group of four finalists after a national search.

Owen came to OSU in 1977 to fill the Tektronix Chair of Electrophysics. He became head of the department of electrical and computer engineering in 1978. Before that, he was a prominent engineer and educator in England and Europe. He received bachelor's and doctorate degrees from the University of Nottingham, England.



John Owen

Owen conducts research in solid-state electronics, semiconductors, and electroluminescent devices. He has been active in expanding interaction and cooperative research between OSU and private industry.



Yung-Hui Cheng

Len Weber, head adviser for the College of Engineering, helps Woodburn middle-school student Angie Chavez load her catapult. Students designed and built the catapults, intended for launching peanuts, at a math-and-science "Challenge Weekend" at OSU last May. The weekend was part of a program called SMILE—Science and Math Investigative Learning Experiences. SMILE aims to encourage minority students' interest in science and math. "It's easily the most exciting thing I've been involved with in 20 years," says Mimi Orzech, assistant vice president for academic affairs, who wrote the grant proposal to fund SMILE. Says Weber: "SMILE has enabled the students to see things they might not otherwise see, and realize there are other things they might aspire to. It's the kind of seed you have to plant early."

## Expected Budget Cuts Force Program Reductions

Several academic programs at OSU will be eliminated, four colleges significantly restructured, and several departments merged during the 1990-91 biennium: this was the word in early June from OSU president John Byrne. "These decisions are the result of a year-long program review conducted in response to anticipated budget and program cuts," Byrne said.

About 40 faculty, staff, and administrative positions will be lost. The university will lay off 6 to 8 non-tenured faculty and 5 to 6 classified employees. In addition, about 30 positions becoming vacant will not be filled.

"These losses," said Byrne, "cannot help but have an impact on the university. It disturbs me greatly that Oregon State finds itself in this situation."

The changes will take place because OSU has "been offering too many programs to too many students with an insufficient budget." The university offers 275 separate undergraduate and graduate degree programs.

"This is the latest in a series of cuts Oregon State University has had to absorb during the past several years," Byrne said. "The cumulative effect has diminished our ability to provide the services to the state and region that one expects from a major university."

OSU will reduce its operating budget for administrative services by \$2.7 million during the next biennium, which begins July 1. Funds for academic programs within OSU's 12 colleges will be reduced by \$1.4 million over the biennium.

The university plans to restructure four colleges or schools and merge several programs and departments, said Graham B. Spanier, provost and vice president for academic affairs. Major restructuring is planned in the school of education and in the colleges of agricultural sciences, health and physical education, and home economics.

OSU will use about \$1.6 million in new tuition revenues each year to support initiatives previously approved by the board of the Oregon State System of Higher Education. These

commitments include student micro-computing, library improvements, the replacement of aging instructional equipment, classroom renovations, a new-student information system, improved advising, child care, special training programs for foreign graduate teaching assistants, and undergraduate education.

Here are some of the forthcoming program cuts:

- The College of Agricultural Sciences will reduce the number of its majors from 16 to six. Undergraduate majors in agricultural engineering, ag-engineering technology, and soil science will be eliminated.
- The merger of the education school with that of Western Oregon State College will be eliminated.
- The engineering college will place a cap on enrollment.
- The liberal arts college's craft-design program will be eliminated.
- The science college will reduce the number of graduate teaching assistantships.
- Support for staff in the president's office will be reduced by \$150,000, eliminating special-assistant positions.
- Support for the physical plant will be reduced by \$56,000.
- Support for the university's finance and administration office will be cut by \$155,000.

Construction of this biennial budget, said Spanier, has come amid "great uncertainty, because the legislature has not yet passed a budget for higher education." He added that OSU's administrators approached the process with certain basic concepts in mind: "We believe very strongly that all students in affected programs should be permitted to complete their degrees; that all cuts be targeted to specific programs and not taken across the board; and that reductions of academic programs be kept to a minimum."

The outlined cuts reflect the best forecasting that can be done right now, he said, and are likely to be "more severe if the legislature is unable to provide funds outside the spending limit."

—Mark Floyd

# Classroom or council chamber: Corvallis' economist mayor likes both

By Gail Wells

**R.** Charles "Charlie" Vars is no ivory-tower scholar. Though he hunkers down in a cozy, third-floor, book-lined study in Ballard Extension Hall, overlooking OSU's placid greenery and venerable brick walls, economist Vars is equally at home before a microphone, with gavel in hand. As mayor of Corvallis, Vars is comfortable with the hand-shaking, back-patting, and jawboning that oil the gears of small-city politics.

The skills are the same for politics large and small, Vars maintains: "I talk to constituents. I find common ground. I put up some roadblocks, I take down others. I take positions; I back off from positions . . . The skills needed to accomplish things in Corvallis are the very skills that Packwood and Hatfield use in Washington, D.C."

Vars' political initiative paid off recently for the city's planned \$6.5 million library expansion. Two months ago there was a serious roadblock: the owner of an adjacent office building refused to sell the needed property.

So Vars and the property owner sat down to talk. Early efforts were unsuccessful, but finally, after protracted negotiations, they worked out an exchange of easements to which both parties could agree.

"It would be nice to think that if the boards and committees do what they're supposed to do, the city will automatically run smoothly," Vars says. "But the reality of it is that in a small town, the mayor must occasionally intervene. A good mayor does it well, and you're a poor mayor if you don't try to get things done."

Caring for a city like Corvallis seems, sometimes, like parenting a much-loved but often difficult child. Vars' life is typically as frazzled as that of a working mother; tending his "baby" takes time away from his own family—wife Freda and three sons aged 18, 16, and 13—and from his intellectual life. "I just can't do my city work and carry out a research program at the same time" he says with regret.

"I once prided myself on the fact that I'm fairly broadly read. That's been the major personal loss. My wife would say it's the crazy schedule" that's hardest to bear, he says.

Vars, who continues to teach full-time in the economics department, has the blessing of his OSU superiors for his political involvement. In fact, he has also been active within OSU faculty politics, having served on the Faculty Senate, the liberal-arts long-range planning committee, a task force on interdisciplinary programs, and, in 1983-84, the presidential search committee. He has served as acting chair of his department, and he's still on the graduate economics-core program committee. With all this going on, he has to schedule his classes with care.

Why does he do it? Like many people with a social and political conscience, Vars cites a complex of reasons. The overriding one might be expressed in the reason he says he came to OSU in the first place: because of the university's service mission. Vars arrived here in 1966, after an Eastern upbringing and a progressively Western education, at Rensselaer



OSU professor Charles Vars at his other office

Polytechnic Institute in New York, the University of Denver, and the University of California at Berkeley.

He says he wasn't active as a volunteer during those early years at OSU. Vars devoted his energies instead to teaching and to research into such issues as air quality, hospital rate regulation, and the conversion of the Loran-A satellite navigational system to the Loran-C system. These studies and others were done for various government agencies. Vars' expertise in the evaluation of large public projects was needed by the policymakers, but his involvement in their application of his findings was strictly advisory.

It was during a one-year stint in Washington, D.C., serving as scientific adviser to the Department of the Army in 1978-79, that Vars began to "get plugged into making policy in a different way"—to see, in other words, how the advice of professionals like himself was actually put into practice.

Back in Corvallis in 1980, Vars began work on a study for NASA. The task was to advise the space agency on improving the information systems that use data from NASA satellites.

After a year and a half of research, Vars and his colleagues at OSU proposed a 3- to 5-year program that was never carried out because White House priorities for NASA favored development of the space shuttle instead. Frustration over this, plus some timely persuasion ("arm-twisting, really") from then-mayor Allan Berg, propelled him into a successful campaign for city council in 1982. After serving four years on the council—in fact, as its elected president right from the first meeting—Vars ran for mayor in 1986, and won. "So, you see," he says with a smile, "Ronald Reagan deserves some of the credit" for his entry into politics.

During his mayoral campaign, someone asked him why he was running. "The word that popped into my head was 'steward.' And it struck me that that word says it exactly right: I want to be a steward of the city of Corvallis, on behalf of all its citizens."

The stewardship ideal, he says, was bequeathed to him by his mother, whose strong Christian commitment led her to a life of community service in Vars' childhood home of Westerly, R.I. Though Vars does not think of himself as particularly religious, he is still motivated by her example of quiet effectiveness. "She was never highly visible," he says, "but she did essential things."

In the same way, Vars has found that his expertise, while perhaps not glamorous, is invaluable in the forums in which public policy is hammered out. His technical background has served him well in representing the interests of Corvallis, and of cities in general, before the Oregon Legislature. He is active in the League of Oregon Cities, the District 4 Council of Governments, and the Oregon Road Finance Policy Committee, which was created in 1985 to advise the state legislature on road-finance issues.

Vars played a large role in the passage of the 1987 gasoline tax increase, which imposed a three-tiered hike of two cents a gallon each in 1988, 1989, and 1990. Beginning next year, the tax increase will bring half a million dollars a year into Corvallis' street fund. During the 1989 legislative session Vars is testifying on behalf of another gas tax increase and motor-vehicle registration fee increase.

Thus Vars has progressed from researcher, to adviser, to full participant in the political process. "That's the fun of it—being able to use your

talents to get some substantive things done," he says.

Turning good impulses into sound public policy, Vars acknowledges, takes not only management of political systems, but motivation of the hearts and minds of constituents. Theodore Roosevelt found that the Presidency was a "bully pulpit." Vars feels the same way about his office. "I get a chance to make value statements about what I believe is important to this community, to urge things that I think we ought to do."

A case in point is the Holocaust Memorial Week in May, jointly sponsored by the city and the university. "I polished and polished my proclamation until I got it just the way I wanted it," he says, the better to persuade his hearers that "the basic processes of democracy are compromised by people not speaking out on behalf of their neighbors, not taking a stand against injustice and tyranny."

"I don't think we are moving into an era where such terrible events are likely to happen in this community," he adds. "Rather, I think that we understand the value of our system better if we understand what happens when it breaks down."

Vars is aware that there are darker motives for being in politics—ego massages, power trips, plain greed. "Of course," he says, "there's an ego element to all this. It's nice to be called 'Mr. Mayor'—but the best part of the job is having opportunities to do some things of lasting benefit to the community."

"I think the kind of people who hold a local, nonpartisan, unpaid office are doing so for some conception of the common good. At least, that's the case for me."

OSU

# ALUMNI OF DISTINCTION

## CH2M Hill Founder Honored with E. B. Lemon Award

By Chuck Boice

*Editor's note: This story is the third in a six-part series celebrating the lives and accomplishments of OSU's most distinguished alumni. No attempt has been made to rank-order alumni appearing in this series.*

**T**he CH2M Hill story is the story of college classmates carrying out their dreams.

Last month, the OSU Alumni Association honored one of the CH2M Hill founders with the E.B. Lemon Distinguished Alumnus Award for 1989.

James C. "Jim" Howland was manager of the engineering consulting firm for most of its crucial first three decades. At the same time, he earned a reputation as one of Corvallis' most public-spirited citizens.

Three Oregon State engineering graduates of the class of '38 and their professor founded the company shortly after World War II. Holly Cornell was the first to be released from the service. He returned to join his family and help Professor Fred Merryfield, who was then involved in one of the most significant environmental projects in the state's history: the cleanup of the Willamette River.

Howland was next to return. The two '38 classmates asked their longtime friend and classmate, Thomas Burke Hayes, to join the group—not only for his talent, but because he was an electrical engineer while all three of them were civil engineers. Hayes, about to accept a post on the Massachusetts Institute of Technology faculty, accepted.

Their first office was two second-floor rooms over what is now Anderson's Sporting Goods on Third Street in Corvallis. (At that time it was Smith's Hardware.) Rent was \$35 a month. Office furniture was borrowed from the Siuslaw National Forest office next door.

Thus the firm of Cornell, Hayes, Howland and Merryfield was born. If nothing else, it had a long name—shortened when a harried city official cut it down to the catchy CH2M. The job of general manager fell to Howland, and he kept it for 28 years.

After a few months, they moved to the Rennie Building, just south of where they were on Third Street,

where the Albright and Raw drug store is now. CH2M had the "skylight room." No windows. The skylight office space later was to be described in the simplest of engineering terms: hot in summer, cold in winter, and wet when it rained.

Late that year of 1946, two key additions were made to the staff. Archie Rice, a wastewater-treatment engineer from Portland, and OSU class of '41, joined the firm, along with the late Ralph Roderick, a Kansas State graduate with strong experience in municipal engineering.

By late 1949, the firm had completed over 200 projects and had become a recognized Benton County business. A Corvallis *Gazette-Times* article in October of that year reported, "Construction of a new one-story building to house the engineering firm of Cornell, Howland, Hayes and Merryfield got underway today, it was announced by Jim Howland, member of the firm."

The story went on to say that the building would be "modern in every respect . . . with plenty of window space to light the drawing tables."

The firm's growth in highly skilled personnel and the opening of several new offices a year posed major challenges. In 1971 CH2M merged with the firm Clair A. Hill and Associate, of Redding, Calif. The merger was successful, resulting in new capabilities and new markets, and in 1977 the merged firm acquired a major company in Gainesville, Fla.

Along the way, the company was undertaking a wide variety of projects, many of them with price tags in the hundreds of millions of dollars. A professional magazine in the late '60s described CH2M as offering "a complete engineering service in the civil, electrical, mechanical, and chemical fields, and a comprehensive planning service including urban and regional planning, economic investigations, and resource studies."

In April of this year, 1989, CH2M Hill issued its official report for 1988. The company reported 4,070 employees, more than 50 offices worldwide, an income of \$370 million, and a ranking as the fifth largest consulting engineering company in America.

Jim Howland has received much recognition for his part in the remark-

able success of the firm. But he makes it clear that he never trained to be a general manager and never expected to be one.

Howland grew up in Oregon City. He came to Corvallis in the fall of '34. He was a member of the Sigma Tau and Tau Beta Pi engineering honor groups. He was president of his fraternity, Sigma Phi Epsilon, and president of his senior class. He served in ROTC, was a member of Scabbard

"To me, a professional is anyone who applies high standards to his or her work, whether it be clipping the grass, typing a letter, or designing a power plant. Every job is important."

Howland's vision went beyond the personal, day-to-day contact. His goal was to keep the employees' interests parallel with those of the firm. Very early, the founders put in place an edict that retirement would be mandatory at age 65.



(From left) Thomas Burke Hayes, Archie Rice, James Howland, and Holly Cornell relaxing at the May banquet honoring Howland.

and Blade, and was named to Blue Key. He was also a yell leader—a surprise to some who have known him as a very soft-spoken person.

After graduating in civil engineering, Howland went on to MIT, where he earned his master's degree, also in civil engineering.

Howland is credited with many bold management steps. For one, he emphasized research at a time when the firm did not have many resources. The payoff was success and national recognition. In 1967, the American Consulting Engineers Council awarded CH2M Hill the Grand Conceptor award for engineering excellence for the Lake Tahoe water reclamation plant, a project that secured CH2M Hill's reputation for forward-thinking environmental engineering.

Howland also promoted the idea of setting up branch offices, at first in other parts of the country and eventually around the world. The CH2M approach gained additional business and offered better service to clients.

The most notable feature of the Howland style of management is his regard for people. As he once put it,

When CH2M Hill became a corporation, an employee stock-ownership program also was set up.

Today there are about 650 stockholders of CH2M Hill, all employees. Outsiders cannot buy. No one employee is permitted to own more than a small percentage of the stock. The founders are not included among the shareholders. When anyone with the firm reaches age 65, he or she is required to sell stock back to the company, to be taken over eventually by the younger men and women.

What is the secret of CH2M Hill's success? Some veterans of the company and the profession point to two things. One was the Lake Tahoe project, which garnered widespread and very complimentary publicity for the firm, including an article in *Reader's Digest* and a film of then-governor of California Ronald Reagan drinking the Tahoe water.

The other key is the policy of rewarding the successful young employees with shared profits, stock, and eventually policy-making authority.

*Continued on page 17*

## At the Head of the Class: '38 Students and Prof Did Okay

All the founders of CH2M Hill rate a place among OSU's Alumni of Distinction—including the professor, who was himself an alumnus, class of '23.

The late **Fred Merryfield** came to the United States from England as a World War I veteran of the Royal Air Force. On a train trip down the West Coast, he stopped off in Oregon to visit a friend. Falling in love with Oregon, he stayed and enrolled at Oregon Agricultural College.

In 1927 he returned as an instructor. In 1930 he earned a master's degree in sanitary engineering from the University of North Carolina, and in 1934 became a U.S. citizen.

Merryfield insisted that his teaching schedule allow him time to work in the field. This made possible some of his great contributions to the State of Oregon—notably his efforts toward the cleanup of the Willamette River.

In an editorial tribute following Merryfield's death in 1977, the Corvallis *Gazette-Times* said, "No one person can be credited with the effort

to clean up the Willamette River, but Merryfield was as much responsible as any single individual . . . His constant prodding and encouragement finally resulted in a river in which we can swim again."

Merryfield downplayed his part in the cleanup, but received much recognition anyway. The project became a worldwide model of environmental engineering.

**Holly Cornell**, the first of the '38 students to join Professor Merryfield in 1946, was born in Boise. At Oregon State, he majored in civil engineering and was president of Tau Beta Pi, the national engineering honor society, as well as sophomore class president, president of Blue Key, and member of Phi Delta Theta fraternity and Scabbard and Blade, a military honor society. He went on to earn a master's in engineering at Yale.

In the early years of CH2M, Cornell was in charge of all structural design. When the partners decided that a third regional office was needed in 1960, Cornell went to Seattle to manage it. He played a key role in obtaining major project work in Washington,

including the design and construction of the south complex of the Boeing 747 assembly plant.

In 1974 he was elected president and chief operating officer of CH2M Hill. He served for four years, helping guide the firm in one of its most significant periods of expansion. In 1978, following his term as president, Cornell was elected chairman of the board, serving for two years.

Since his retirement in 1981, Cornell continues to take part in projects. He said recently, "My work with CH2M has been extremely satisfying and rewarding, and if I had to do it over, I wouldn't do it much differently."

If all had gone as planned, **Thomas Burke Hayes**, '38, would not have been part of that 1938 Oregon State engineering class. Hayes first came to Oregon State in the fall of 1930 from Pendleton. By 1932, however, the Depression forced him home again.

He worked at odd jobs until he established a

*Continued on page 17*





Photo courtesy Crawford "Scram" Graham

These freshmen were caught without their *Rook Bibles* and are taking a paddling on the Memorial Union steps.

## TRADITIONS

By Betsy Krause

You wore your freshman status on your head before the War. The guys wore green rook lids, the gals green ribbons. Toward the end of spring term, an all-school convocation would be followed by the "burning of the greens," where freshmen would file past an open bonfire, sending their symbols of lowly status up in flames.

That's the way it was. The rules were laid down in the *Rook Bible*, which provided all the guidelines for the proper initiation into college life. After all, it was a formalized, social affair—a rite of passage. Few questioned the little book, and fewer tried to duck its rules.

"Boy, if you were a freshman, you carried that *Rook Bible* with you," recalls Dan Poling, a devoted alumnus from the class of '28 who served as OSU dean of men for over 35 years. "It was your Social Security number. You had all the traditions, songs, do's and don'ts, names of the deans, and the philosophy of the institution."

Freshmen were expected to know the answers to questions about Oregon Agricultural College, as OSU was called then. And they were quizzed.

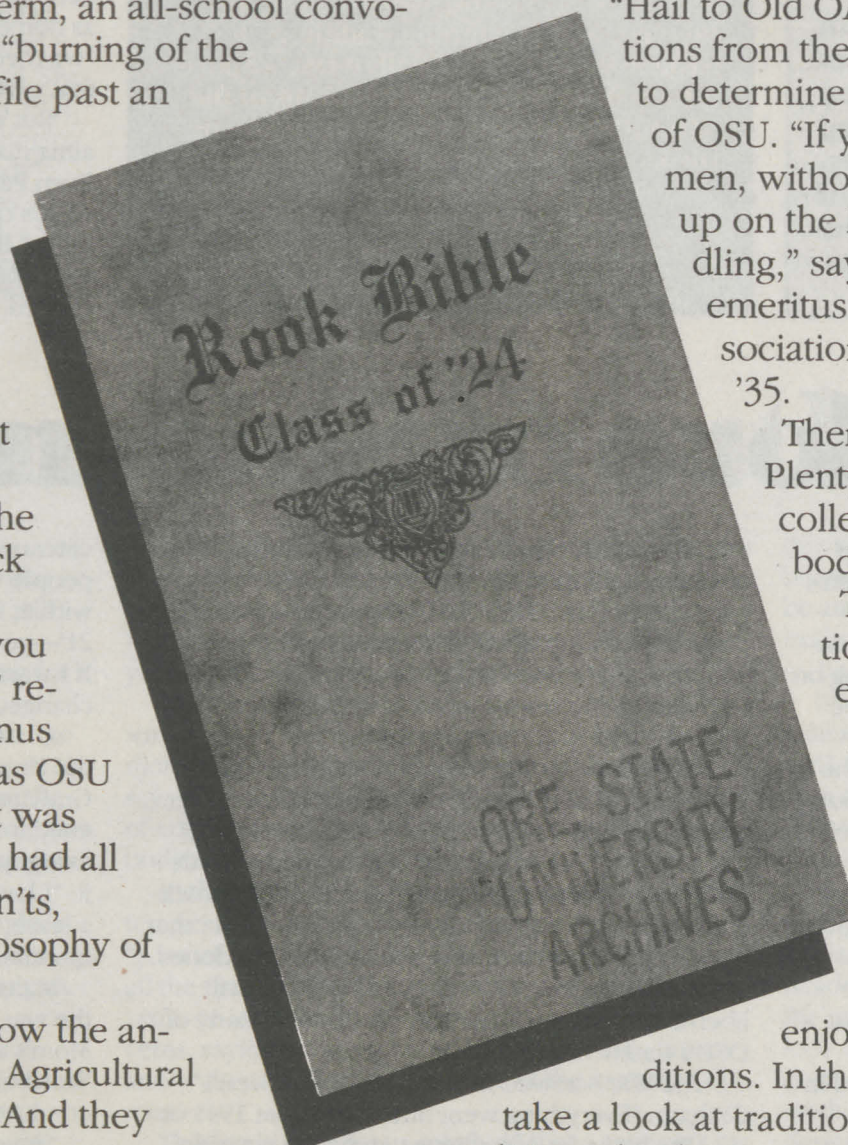
The Beaver Knights, a group of sophomore "vigilantes,"

would stop freshmen—easily identified by their green skullcaps—on their way to class and force them to sing "Hail to Old OAC," make them answer questions from the *Rook Bible*, and give other tests to determine the rooks' loyalty and knowledge of OSU. "If you were caught, especially the men, without your *Rook Bible*, you showed up on the Memorial Union steps for a paddling," says Crawford "Scram" Graham, emeritus director of the OSU Alumni Association and a member of the Class of '35.

There were other traditions, too. Plenty of them. They helped shape the collegiate culture, and most everybody took part.

To alumni of the 1980s, the initiation rites of the pre-World War II era may seem harsh. Many Oregon Staters who lived the traditions, however, look back on their initiation into college life with intense fondness for the sense of belonging and pride it instilled in them.

Oregon State University enjoys a long and rich history of traditions. In this issue of the *Oregon Stater*, we take a look at traditions that have long since died out, traditions that have persevered over the years, and traditions that are newly emerging.



# Athletic Traditions



J.R.N. Bell throws his hat into the Mary's River after a mid-1920s OAC victory over UO.



Benny was a coyote named Jimmy before he became a beaver. Back in 1893 the pet coyote of M. H. Kriebel was established as the university's first mascot. After the turn of the century, J.R.N. Bell, one of the early regents of the college, became the official mascot because of his popularity and enthusiastic, persistent support of the football team.

In 1921 an unsuccessful attempt was made to adopt a live beaver named Bevo as mascot.

The first "Benny Beaver" was Ken Austin in 1951 (left). Since then, the identities of the students who portray Benny and Bernice Beaver have not been disclosed—a tradition that continues to this day. This veil of secrecy casts an aura of mystery on the mascot and gives the person inside the freedom to let loose.



The class of '20 rooks built a huge bonfire.

## A Winning Tradition

Fielding competitive athletic teams is a long tradition at OSU. But which sport has been most successful over the years in carrying on the winning tradition? "It's basketball," says Scott Ball of OSU's Sports Information Office. "In 87 seasons of the NCAA, Oregon State is ranked 5th among Division I schools in all-time total wins."

Perhaps the Basketball Beavers' history of continuity has something to do with that record. Since 1927, the team has had just three coaches.

Up until the 1950s, students weren't allowed to talk, sit, or mingle with members of the opposite sex—"fuss" in any way—at athletic events. "Men sat in one section and women in another," Dan Poling, '28, remembers of his college days.

Athletics perpetuated many student traditions. Organized rooting sections were in—virtually mandatory, in fact. You could be a part of it, or you could spend an hour picking up trash on campus.

Yells and card stunts were led by a male "yell leader" using a megaphone. "Those rally girls weren't even a figment of the imagination," Poling says.

The alma mater was sung at every event, a tradition Poling speaks of with great fondness and one he's been doing his part to keep alive. At alumni gatherings, he leads the singing of the alma mater.

Athletics made a legend of J.R.N. Bell, too, who celebrated each football victory over the University of Oregon by throwing his hat into the Mary's River to the delight of thousands of students and fans who would troop with him to the riverbank just south of campus. The custom was still going strong in 1925, when the regent emeritus was 80 years old.

The rivalry of the two schools became vicious in the early '30s when the State Board of Higher Education, in an effort to reduce program duplication, closed OAC's School of Commerce. Crawford "Scram" Graham, class of '35, recalls that nearly half the men in his fraternity left as a result.

Feelings of resentment often surfaced in pranks connected with athletic events. Freshmen rooks, short for rookies because OAC was viewed as the "West Point of the West," were assigned to gather wood for the "civil war" bonfire, a towering inferno that often ended up as tall and wide as a barn. Graham recalls one alleged incident in which several Duck fans showed up disguised in orange and black sweaters. Helpfully adding wood to the pile, they also shoved in a gasoline-soaked cloth to set the bonfire off prematurely. The wooden structure reportedly exploded and blew out all the windows on the east side of Waldo Hall.

Athletic traditions began to die out in the late '60s and early '70s, recalls Kevin McCann, '76, associate alumni director. "The whole attitude at that time was anti-establishment. Somehow, many traditions represented the establishment, which tied into the war effort in Vietnam. So it was not in vogue to participate in those kinds of activities."

In the last five years, athletic traditions have enjoyed a revival. The alma mater, for example, is once again being sung before basketball games, and the bonfire and homecoming parade are back.

Kevin Pahl, who as 1988 Memorial Union President oversaw the MU Program Council at such events as homecoming, likes the trend. "This year," he says, "we tried to generate a little more of the enthusiasm that existed in past decades."

But reviving past traditions such as the creed and alma mater can be tough going with today's student. Even Pahl confesses to knowing only the first few words of the alma mater—"which is more than most," he says. "The creed especially is outdated and may not have the same meaning it had when it was created. It's old and more humorous than anything."

# The Folklore of Student Life Offer

Historically, traditions have been an important part of student life. Yet they've received little attention from scholars of folklore. Simon Bronner, a professor of folklore and American studies at Pennsylvania State University at Harrisburg, is working on a book that promises to pull together many of the traditions and tales that set student life apart.

Bronner's book, "Piled Higher and Deeper, The Folklore of Student Life," is set for 1990 publication by August House of Little Rock, Ark. The title itself draws from a well-known body of student lore. Everyone knows what B.S. stands for. M.S. abbreviates "more of the same," and Ph.D. has been known to denote "piled higher and deeper."

"I find that very revealing," Bronner observes. "What that says is that it's not the degree but what you do while you're there that's important."

Some Oregon State traditions may be included in Bronner's project, which focuses on the college experience as a path to explore how people use folklore as they age. As part of his nationwide research, Bronner recently requested information on

OSU traditions, rituals, and festivals from the Office of University Relations. Crawford "Scram" Graham, emeritus director of the OSU Alumni Association, provided a document that included such rites as: the adoption of a no-smoking "*Nicotiana tabacum*" (cigarettes) on campus grounds or buildings; the "Papaw Pick," a popular freshmen mixer designed to introduce male and female class members; J.R.N. Bell's custom of throwing his hat into Mary's River after OSC football victories over the University of Oregon; and the varied traditions connected with Dad's Day, Homecoming activities, Mother's Weekend, Campus Weekend, alumni reunions, and other social events that have long since been abandoned.

Wars, changing technology, new laws, civil liberties, and liability cut a swath through many of OSU's traditions.

"The War screwed it all up," laments "Scram" Graham. "Everything went fine until about 1941 or '42. We had a lot of traditions go by the wayside then. Seventeen-year-old high school kids were mixed up in living conditions with 27-year-old war

veterans. It was a situation where you had mature people with young kids. Booze had something to do with it, too. The veterans said, 'we're free, white, and 21'—you could say that back then—and 'I'm of age. If I want to have something to drink, I will.' That changed our thinking on the residence halls."

A lawsuit filed by a 25-year-old Korean veteran at the University of Washington also made an impact, Graham recalls. The student sued UW after it threatened to throw him out for drinking on university living quarters. The veteran reasoned, as Graham put it: "I have paid my residence hall fees, it's the same as a lease, and by God, it's mine for the next six months." The student won the case.

Many of the class-related traditions waned after the war. But traditions are still around, such as the Mom's and Dad's Weekends, and homecoming. Word-of-mouth traditions still determine student conduct or what classes students enroll in.

"Several courses at the institution are known as being the pinnacle of blowoff classes," says Kevin Pahl, president of the Memorial Union Program

# Class Traditions



The Freshman 'Burning of the Green' created unity.



The class of 1909 dreamed up this stunt.



The all-male Junior Follies took place in The Majestic Theater.

Class traditions date far back in the history of OSU. They strengthened bonds and created unity. Rituals such as the freshman "Burning of the Green" made each class experience distinct.

Among the oldest traditions is that of the class gift. Classes collected student fees and used the money to purchase a gift for the university. The class of 1901 established the tradition with the donation of a marble rock that rested near the Trysting Tree. The most famous class gift is generally regarded as the Class of 1902's, "Our Lady of the Fountain."

For 27 years, the fountain, an elegant statue of the Greek Goddess Hebe, marked the east entrance to campus. On Oct. 30, 1919, the statue disappeared and was later found in a ditch south of Corvallis. She was returned but was again stolen in the fall of 1921 and found in a basement in Portland in the spring of 1922. According to OSU archival data, "The Lady" met her demise on Jan. 21, 1929, when she was pulled over from her pedestal with a rope and smashed to pieces with a muffled sledgehammer.

Despite strict rules, many of which were out-

growths of the land-grant institution's mandatory student military service in the early years, students had a sense of humor that often manifested itself in class stunts. Students often made a visual display out of a prank, lining up in front of a camera with a skeleton or some other object designed to evoke chuckles and set the class apart from others.

Many class traditions blossomed during Junior or Campus Weekend, which took place each spring from 1911 to about 1940. The event featured the Rook-Soph Tug-o-War across the millrace, a 5- to 6-foot reservoir above a former dam on the Mary's River near the current site of Evanite Fiber Corp.

The Junior Follies, one of the few all-male musical shows in the country written and produced by college undergraduates, was performed at The Majestic Theater. The extravaganza included an all-male singing chorus, an all-male dance line, and males acting out and singing all the roles in drag.

As graduation neared, each class prepared a will. Most wills were buried behind the former Chemistry Building, now Education Hall. "The idea was you

would dig up the will at your reunion and that would be read as part of the program," Poling recalls. After the war, steam tunnels were dug and the will from the class of '28 was never found. But the tradition was not to be foiled.

"The class president rewrote the will on a piece of butcher paper and put dirt on it to make it look old and dirty," Poling says. "Now *that* was a tradition!"

Class reunions are among OSU's most persevering traditions. The Golden Jubilee, for example, is held each year to honor all classes who have been graduated for 50 or more years. About 250 alumni from the class of '39 were expected to return to campus June 16-17 for the event, with another 250 expected from other classes, including the classes of '34 and '29, which celebrated their reunions.

Members of the 50-year class—the "Youngsters"—are then inducted into the Golden Jubilee Association at a luncheon in the Memorial Union Ballroom. Since 1976, every Golden Jubilee class has contributed money to an OSU Foundation endowment to support programs for faculty and students.

## s Peek at American Youth Culture

Council. Although he's never taken any of the reputed classes, he says, "It's almost expected that somewhere in the freshman year these classes will show up."

Then there's the unwritten rule about waiting for a tardy professor—a rule Pahl says isn't usually followed in practice. "If it's a TA, you give them five minutes; an assistant professor is supposed to get 20 minutes and for a full professor, you're to allow the entire class period. That's the rule. In reality, you give a TA five minutes, an assistant professor ten minutes and a professor about ten and a half."

The traditions of students are part of the folklore of academe—a notion that challenges the misconception that folklore is something produced only in illiterate communities.

Bronner views folklore as an index to cultural attitudes. "A lot of books criticize college curricula and administrative structures," he says. "I want to look at the culture of colleges. Culture tends to be slower (than curricula or administrative changes) to react. I believe it's often a better gauge of attitudes."

In the pre-World War II era, for example, a strong emphasis was placed on a group consciousness, the esprit de corps. The rules and regulations had a function: If you could withstand the social pressures, you could succeed at the academic trials.

Today, colleges and universities are bigger, more structured in their organization, and students are more often left to their own devices. This, Bronner says, stems from the post-war belief in the wisdom of economy of scale and the philosophy that everybody is entitled to a college education.

In the past 10 years, however, some of the forgotten group-related traditions have enjoyed a revival. "A lot of students feel lost," Bronner says. "We hear it all the time." Counselors tell of students who lack a sense of identity. Recent alumni echo similar concerns, saying they graduated knowing hardly anyone and without having a clear sense of the institutional mission.

This leads Bronner to conclude that a campus's folklore and traditions may be helpful to new students yearning to fit in. He challenges the notion

that there's a single trend toward the evolution of bigger institutions. More and more students seem to be attracted to smaller colleges—or even larger institutions that strive for a small-campus atmosphere—because they offer a sense of community, he says.

No matter how big a university is, Bronner maintains that its folklore and traditions are alive and well; however, they focus more on the individual than did the earlier institutions. Says Bronner: "In an individualistic kind of culture, rather than relying on social protection, you've got to watch out on your own."

Former University of Oregon folklorist Barre Toelken, in a key 1985 essay titled "The Folklore of Academe," explained one of the primary functions of the college experience: "Interestingly enough, a close look at the ongoing oral and gestural traditions, customs and beliefs we have shared avidly ever since grade school indicates that even those institutions designed to 'draw us out' (L. *educare*) from ignorance and illiteracy became themselves the living contexts in which folklore could, and did, thrive."

OSU

# Outlawed Traditions

A couple of guys armed with fishing poles, tackle, and lawn chairs headed out for Monroe Street, unlied a manhole, and dropped their lines. Seems they were hoping to catch some fish. So they said.

Things aren't always what they seem, though.

The April 7, 1989 act was reported to the Dean of Students' Office as possible hazing. Turns out the students were Sigma Phi Epsilon pledges, and the spoof on television's "The Lucky Jim Show" was part of their initiation.

Neither Oregon State University nor the Inter-Fraternity Council condone that sort of behavior.

Members of Sigma Phi Epsilon—generally known for their leadership, high grade-point averages, and community service—had to go before the Interfraternity Council's Judicial Committee. The fraternity was cited for violating university and IFC regulations for hazing activities that included the fishing stunt, and forced calisthenics as well as running on the part of the pledges, says Bill Brennan, the assistant dean of students. The complaint, he adds, came from a student belonging to another OSU fraternity.

"During the last year we've had more hearings involving hazing than in the 23 years I've been here," Brennan says. "Hazing activities died out in the '70s but seem to be coming back now."

Hazing is defined as "any action or situation created . . . to produce mental or physical discomfort, embarrassment, harassment or ridicule."

Stunts like sending young pledges out to fish in a manhole may seem like good old-fashioned fun on the surface, Brennan says, just another way to bring about unity and brotherhood—until someone gets hit by a car or otherwise hurt.

"The university was promoting hazing with rook lids and ribbons. People didn't even bat an eye," Brennan says. "People don't perceive things the same



These 'fishermen' belonged to a fraternity cited for hazing.

way anymore, thank goodness. A lot of traditions were modified because of legality and liability."

The Oregon Legislature passed an anti-hazing law in 1983. The following spring, Vice President for Student Affairs Jo Anne Trow sent a memo to student services department heads to "make every effort to call potential violations of this law to the attention of advisers and officers of student groups."

Hazing incidents worry campus officials like Trow and Brennan, and leaders of the National Interfraternity Conference. "There's been an awful lot of awareness raised," Brennan says. "Despite that, hazing continues to occur."

Around the country, fraternities have taken a hard-line stand against activities designed to force pledges to engage in public stunts—which is considered

buffoonery—or to suffer mental or physical discomfort, embarrassment, harassment, or ridicule. At the National Interfraternity Conference held in San Francisco in December, officials pondered ways to stop the hazing excesses. "If we don't move soon, we will die like the dinosaurs who could not adapt," said one fraternity leader.

The Sigma Phi Epsilon house at OSU was placed on probation through spring term of 1990, according to Cynthia Flynn, director of special programs. Members of the fraternity will also be required to participate in awareness programs, community service activities, risk management, and become familiar with hazing regulations.

Says Flynn: "The sanctions are designed to be a learning experience."

## The Final Tradition

Since the institution's early days, the diplomas conferred upon OSU graduates at commencement have been inscribed with their names, a tradition that represents a source of great pride for OSU students, alumni, and parents.

A Faculty Senate edict requiring seniors to take spring-term final exams this year threatened the traditional commencement by infringing on the time needed by the registrar's office to tally final grades and prepare diplomas. Historically, seniors have been excused from taking spring-term exams during the designated finals week, and commencement has been held the Sunday before finals week when non-graduating students were still on campus.

For the faculty, academics was the issue. But some students saw the vote as a threat to their traditions—both the personalized diplomas and the free week that previous seniors have enjoyed to wrap up loose ends.

"The university experience has more to offer than strictly an academic education," says Brad Whitaker, president of the class of '89. "In the modern day and age, it seems a lot of traditions kind of go by the wayside. In the name of progress, they're lost. We kind of lose sight of the origins of the university in the process."

This year, preparing some 3,500 personal diplomas would have been impossible had the registrar's office not developed special procedures. "The pressures have been great," says Wallace Gibbs, an alumnus from the class of 1950 who has been OSU registrar for 28 years. "We really felt the squeeze."

Final grades weren't due until June 12, the day after the 1989 commencement. The new procedures, however, allowed faculty members to submit preliminary grades in May in an effort to identify students at risk of not meeting graduation requirements. These borderline students partook in the commencement exercises, aware of their questionable status, and received a memo rather than a diploma in the official case.

The practice of bestowing personal diplomas at commencement has long since died out at many peer institutions, largely due to large



Two 1989 graduates give a post-commencement salute outside the doors of Gill Coliseum.

student bodies. Gibbs says the University of Oregon stopped the tradition in 1951. At least two other times in OSU's history, the Faculty Senate has voted to require seniors to take spring-term finals and thereby threaten to change traditional commencement, but former presidents James Jenson and Robert MacVicar overruled the decisions.

While President John Byrne stood behind the Faculty Senate decision, he supports the OSU tradition, a value he expressed during the 1989 commencement: "Each student will receive his or her personal diploma as has long been the tradition and will continue to be the tradition at Oregon State."

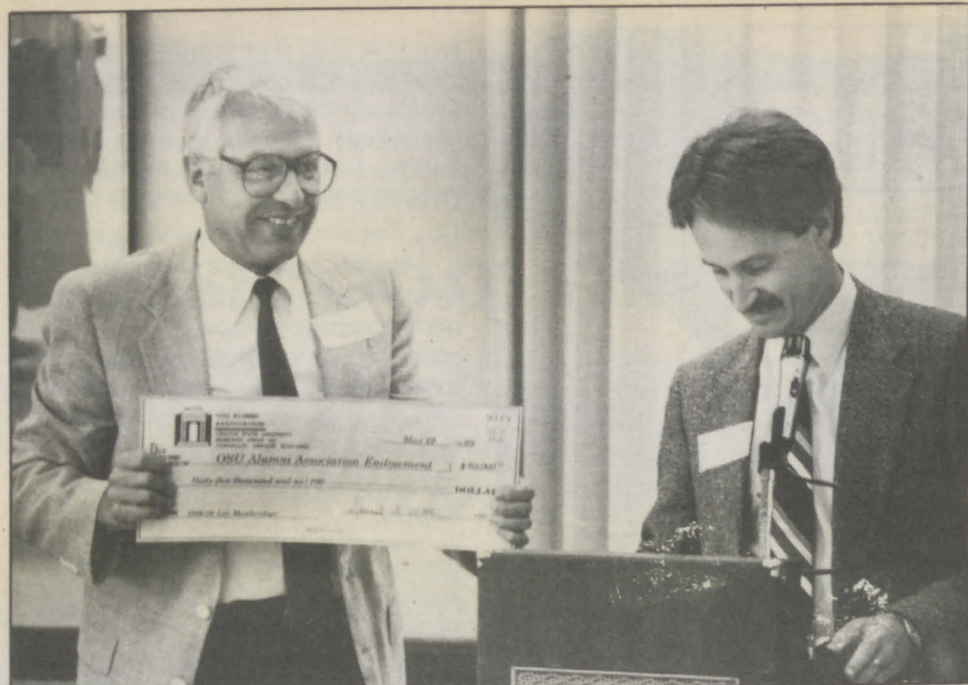
Some students' reactions to the Senate's decision support the belief that traditional values are enjoying a revival. Whitaker was among those who participated in a fall-term rally at the Administrative Services Building supporting the traditional early commencement and the practice of waiving final exams or administering them early. In another show of support, students collected over 1,000 signatures last year calling for the retention of traditional commencement.

The grandson of a 1929 Oregon Stater, Whitaker researched the history of commencement exercises

"This tradition of not requiring seniors to take finals dates back to the '30s or so," Whitaker says. "Seniors would be done prior to dead week and would have one week free. Commencement would take place the week-end before finals. This was advantageous because undergraduate students were around. The ceremony this year will take place on a campus that's not very vibrant."

Crawford "Scram" Graham, '35, recalls, "When you didn't have to take finals, that was one of the great weeks of life. You had time to talk to professors, say goodbye to friends, find out where they were going to work."

And receiving the personalized diplomas has always stood out as a great moment: "When you get your diploma you're somebody," adds distinguished alumnus Dan Poling. "You've got your stamp of approval."



Todd (left), McCann, and the first membership check

## Scholarship Program Highlights Spring Board Meeting

At its annual spring meeting held May 19-20, the OSU Alumni Association Board of Directors approved a measure that would set aside \$15,000 from next year's budget for student scholarships.

"This is the kind of program that puts our money to its best and most efficient use," Hank Bauer, chairman of the OSUAA's ad hoc scholarship committee, said in making the motion for the funds. "It's an excellent investment in the future."

Bauer's recommendation passed without opposition, highlighting a spring agenda that included the presentation of a check for \$65,000 to OSUAA's endowment, election of new officers for 1989-'90, presentation of the University's new logo, and a report on OSU's new Portland Center.

The meeting also marked the end of OSUAA President Denny Todd's two-year stint directing the activities of the Board.

In presenting the check for \$65,000 to the Board, Alumni Membership Director Kevin McCann said much of the money was raised from a large and very generous group of OSU alumni who already hold life membership in the Association but "who wanted to

make a contribution to our new membership program anyway to see it off to a successful start."

McCann also reported that checks in the amount of \$50,000 had been received from alumni wanting annual membership in the Association.

OSU's new logo, a stacked-letter arrangement nestled inside a circular band that sports the words "Oregon State University," was greeted by the board with mixed reactions. Some found it attractive, while others said the design was too much like a maze (see page 5).

In presenting the logo, OSU President John Byrne said that new logos are always controversial, but that in time, OSU's new "identity" would be very popular.

Amid much applause, the presentation of an attractive ebony-colored rocking chair, and lots of good old-fashioned ribbing and joking around, OSUAA President Denny Todd passed the reins of command to Salem attorney Richard "Dick" Seideman '61. He officially begins his new job July 1.

Seideman, in turn, greeted those board members who will serve the next year as officers. Denny Todd '59 now becomes immediate past president, Larry Giustina '71 will serve as first vice president and Peggy Wood '61 will serve as second vice president.

In other business, the board welcomed new OSU Head Basketball Coach Jimmy Anderson and wished him much luck for the coming season, and heard reports from OSU President John Byrne and marketing coordinator Dan Brown on the results of recent surveys taken to measure public perceptions of the University.

## Club News

Many **Bay Area** alumni enjoyed the annual picnic held June 1 at the Strawberry Canyon Recreational Area on the Cal Berkeley campus. To get involved with alumni activities in the Bay area, please contact Sue Wainwright at (415) 865-1041.

A picnic for **Colorado** alumni will be held at the home of Dennis and Donna Joannides in Aurora, Colo., on Tuesday, Aug. 1. OSU President John Byrne will be attending the evening picnic. Watch your mailbox for further information, or contact Bruce Whitaker at (303) 279-4846.

The **Capitol Area's** first club event was a family picnic and softball game against University of Oregon alumni on June 17. Contact President Barbara Cullicott at (703) 553-3855 if you would like more information about club activities.

**Lane County** alumni should make plans to attend the annual picnic at Alton Baker Park in Eugene on Wednesday, July 19 at 6 p.m. Watch your mailbox for information on a Lane County alumni seating block at the OSU-Stanford football game on Sept. 9. Gary Young at (503) 686-0346 has more information on both events. Anyone interested in helping with the OSU booth at the Lane County Fair should contact Gary Young.

The **Puget Sound Club** will barbecue hamburgers at the annual Seattle picnic on July 12. The fun starts at 6:30 p.m. at the Rotunda, Lake Sammamish State Park. For more information contact Jolly Steel at (206) 232-7130 or Darcy Green at (206) 789-6605.

**Silicon Valley** alumni are invited to contact Jacqui Reed at (408) 265-7316 for information on upcoming activities.

Upcoming events for **Southern California** include the July 9 dinner and theatre evening and a beach party with U of O alumni at Dana Point later

this summer. Information on the beach event will be mailed in July along with a survey from the Club Council. Plans are being made for the Nov. 4 OSU-USC game and an orientation meeting this fall for College Fair representatives and individuals interested in the Club Council. For more information on Southern California events please contact Sharon Mooers at (714) 730-6935, Dee Bertelson at (213) 393-7838, or Lee Souder at (818) 355-4071.

The **Portland Young Alumni Club** joined in welcoming over 250 admitted students and their parents at a recent reception held in Portland. Upcoming summer events for Young Alumni include a wine-tasting tour on July 22 and the annual Suds and Dogs Party to be held Aug. 18. End-of-the-month social gatherings will be held at Produce Row Cafe (June 30), Cal's on the River at Johns Landing (July 28), The Bullpen (Aug. 25), and Champions (Sept. 29). Starting time for each is 6 p.m. Please contact Dennis Brookshire at (503) 667-5695 for information on Young Alumni activities.

### OSUAA Membership Update

**OSUAA Membership Director Kevin McCann reports that as of June 15 membership in the Association had climbed to over 2,000 annual members. Over 200 new life members had also joined. Contributions totaled over \$128,000. The Oregon State University Alumni Association thanks all of its old and new members for their generous support of OSU.**

## Class Reunions

1949, '69	Oct. 13-14
1979	Oct. 14
1959, '64	Oct. 20-21

**Make plans now to attend!**



Oregon State University Alumni Association

## Oregon State University

VS

## University of Hawaii

FOOTBALL TOUR November 19 - 26, 1989\*

### Tour 1

Maui/Oahu  
8 Days/7 Nights  
\$1386 per person  
double occupancy

### Tour 2

Oahu  
7 Days/6 Nights  
\$865 per person  
double occupancy

Rates for students (12-17) and child (2-11) plus single, triple, quad occupancy also available.

\*Kona Extension Available

For more itinerary information return this coupon to:  
Oregon State University Alumni Association  
Memorial Union 103 Corvallis, OR 97331-5003

Names

Home Address

City

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## Foundation Fundamentals

Contrary to popular belief, Oregon State University does not receive the majority of its budget from the State of Oregon. In fact, though commonly referred to as a "state-supported" university, OSU is really "state-assisted," with only about 35 percent of the total annual budget being state funds. The other two-thirds of the budget is about equally divided between tuition and fees, and research grants and contracts.

Even if we limit our examination to the instructional budget alone, state funds still meet only 57 percent of the cost of educating OSU students.

It is evident that external support represents the crucial difference between adequacy and excellence; between a university that is acceptable and one that is exceptional.

On this page of the *Oregon Stater* are five examples of leadership gifts from people who have recognized that only through the investment of private resources can Oregon State University fully achieve its mission, and help future generations of OSU students realize their potential. We will soon announce another leadership gift; a challenge to help develop Kerr Library into the kind of resource needed by a major university.

On behalf of all those who believe in OSU, and all who will benefit directly from these gifts that will help shape her future, I thank and salute those mentioned, and each of you whose generous commitments, at any level, make such a difference to the quality of the teaching, research, and extension programs at Oregon State University.

John Evey

OSU Director of Development

### What is the OSU Fund?

The OSU fund is the annual giving program of Oregon State University. In the next year, there may develop some confusion between the OSU Fund and the OSU Alumni Association's membership program. To minimize the confusion, the following list will show you what the OSU Fund does:

- The OSU Fund, through the mail and over the phone, raises money for the academic programs of Oregon State.
  - Gifts to the OSU Fund support faculty development, student aid programs, equipment purchases and student advising programs.
  - OSU Fund gifts are administered by the OSU Foundation.
  - Gifts have gone to over 200 OSU Foundation accounts including the University Fund, all the college and department unrestricted accounts, Kerr Library and special scholarships and awards like the Dar Reese Advising Award, the Alworth Fund, the C.E. Wicks scholarships and many more.
  - OSU Fund gifts are tax deductible to the limit allowed by law.
  - OSU Fund gifts can be matched by matching gift companies.
  - OSU Fund gifts can be in memory of or in honor of a friend or family member.
  - OSU Fund gifts are recognized in an annual report to donors.
- Please feel free to contact Erin Haynes at the OSU Fund if you have questions about annual giving to Oregon State University.



Faye Stewart (right) and L.L. Stewart (second from right) recently toured the central laboratory for the Center for Gene Research, a facility which their new equipment endowment funds will support. Also on the tour were President Byrne, center director Russel Meints, director of the center, and George Keller, vice president for research, graduate studies, and international programs.

## Leadership Gifts Brighten University

This year promises to be one of the best on record in the arena of private giving at Oregon State University. Following are some of the highlights of gifts from individuals:

### Stewarts support gene research

Last fall, Eugene lumbermen L.L. Stewart and Faye H. Stewart endowed equipment funds to benefit the OSU Center for Gene Research and Biotechnology. Earnings from the endowments will be used to upgrade and maintain the specialized equipment used by the Center.

"The Stewarts' gifts are critical to our conducting research at the Center," says Russel Meints, director. "Gene research is a field where technology changes rapidly, yet typically we can't upgrade our equipment frequently enough to keep pace with those changes. The Stewarts have given us the opportunity to keep pace—to virtually renew our resources yearly. This will be a key to the success of our efforts."

The Center for Gene Research and Biotechnology was established by the State of Oregon as a "Center of Excellence" in 1983. It is one of the four areas of FourSight, the University's central fund-raising focus during the last four years.

The Center for Gene Research is a federation of about fifty scientists, all of whom hold primary appointments in existing academic departments in the Colleges of Science, Forestry, Agricultural Sciences, Pharmacy, and Veterinary Medicine. The primary objectives are to promote research interactions among the faculty research groups and to acquire major shared research facilities.

The Stewarts, both College of Forestry graduates, have supported many OSU programs including the College of Forestry, faculty development, athletics, and The LaSells Stewart Center.

### Mercedes Bates makes largest one-time gift to OSU

In February, Mercedes A. Bates, 1936 OSU graduate and retired General Mills vice president, gave the College of Home Economics a gift of appreciated stock. The donation is the largest one-time contribution ever made to the university.

A significant portion of the gift will be used to construct the \$2.5 million Family Study Center. Contributions and pledges toward construction of the Center had reached about \$1 million by February, and the gift assured the Center's reality.

"As a result of her generosity, the Family Study Center will be named in her honor," said Dean Kinsey Green.

The donation in part recognizes the "sound home economics background I got that allowed me to go in a number of ways professionally," Bates said.

### Business receives \$1 million for endowed chair

On May 11, Oregon State received a gift of \$1 million from an alumna, Sara Hart Kimball, to establish an endowed chair in the College of Business. The endowment will fund the Sara Hart Kimball Dean's Chair of the College of Business.

"This gift gives us immediate credibility and tells everyone who looks at us that the College of Business is a wise investment," said M. Lynn Spruill, dean of the college.

Proceeds from the endowment will fund part of the dean's salary, that will not be increased. An amount equal to the proceeds of the endowment will be freed up to fund other ventures in the college, including a full-time faculty position in the department of accounting.

"Our accounting program was the first in the state to gain accreditation, and this gift will allow us to continue to offer the best undergraduate accounting program in Oregon," Spruill said.

Kimball, who lives with her husband, Bill Kimball, in Belvedere, Calif., graduated in 1958 from the School of Business and Technology with a degree in secretarial sciences.

"My husband and I are giving this gift because we feel there is no better investment in the future than education. We hope this will be viewed as a leadership gift and that many others will experience the same feelings it gives Bill and me to be able to do this."

Bill Kimball is co-director of Stanford University's \$1 billion fund-raising campaign and owner of Kimball and Company.

### Alumna funds gerontology wing of Family Study Center

On May 30, Jo Anne "Jody" Leonard Petersen gave the OSU College of Home Economics a current gift and pledge totaling \$400,000.

Petersen, a 1947 home-economics graduate from Silverton, Ore., announced the gift at a luncheon in her

honor at OSU. The contribution will be used to fund the gerontology wing of the Family Study Center planned by the college. While on campus, Petersen and her husband, Donald Petersen, chairman of the board of Ford Motor Co., met with the gerontology faculty.

"At OSU," she said, "I first became aware of the critical importance of understanding the special needs of older people and the significant issues to be addressed by families, institutions, and society at large." Gerontology is also a main philanthropic interest of Petersen's sorority, Sigma Kappa.

"In recognition of her gift, the wing will be named the Jo Anne Leonard Petersen Gerontology Wing," said Dean Kinsey Green.

"Mrs. Petersen has special interests in young children, literacy, and the elderly and sees the Family Study Center as an investment in all these causes."

### Superconductivity expert is first to hold Harris Chair

Arthur W. Sleight, a pioneer and international leader in the fast-developing field of superconductivity, has accepted an appointment to the Milton Harris Chair of Materials Science at Oregon State. The announcement was made June 2. (See related story, page 5.)

Sleight will join a group of at least four scientists at OSU who work in related fields, according to Carroll DeKock, chairman of the department of chemistry. That combination of efforts will "offer OSU and the state of Oregon a real boost in an exciting field," he said, "and should help the university attract significant funds for new research programs."

This new position was made possible by the donations of Milton Harris, a 1926 alumnus of OSU, past president of the American Chemical Society, and former director of research at Gillette, Inc. Harris, who is also an OSU Foundation trustee, has provided funds to several OSU programs, including the department of chemistry, the department of biochemistry and biophysics, and the College of Science.

### Do you own real estate?

Are you holding real estate because paying taxes on the appreciation makes selling unappealing, but you're tired of having to "manage" it? Consider giving your property to the OSU Foundation to benefit the students, faculty, and programs of Oregon State University. If you would like to learn more about giving real property, either outright or in exchange for a lifetime income, call the Office of Development at (503) 737-4218 to ask for a complimentary copy of "Giving Real Estate," or send the coupon below. Your inquiry will remain strictly confidential.

To: John M. Evey  
Director of Development  
Oregon State University  
Snell Hall 517  
Corvallis, OR 97331-1650

Please send me a complimentary copy of "Giving Real Estate."

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Phone ( ) \_\_\_\_\_

# NEWS FROM CLASSMATES & FRIENDS

## '10s

**Alva Jones**, '11, recently returned from his annual winter vacation in Hawaii to his home in Heppner. Now at the age of 98 years, he is a retired wheat farmer and takes daily walks and enjoys reading and watching television.

**Nola Payne Sloan**, '14, of Troy, Mont. is a retired school teacher and remains interested in politics, civic improvement, and environmental issues. She was active in establishing the local Museum and Visitors Center which is still operating. She is 95 years old.

## '30s

**Eugene H. Fisher**, '33, has farmed in Oakland and Douglas County since graduation and is past president of the Oregon Prune Producers. He was recently inducted into the Agricultural Hall of Fame of the OSU agricultural sciences college.

**Mercedes A. Bates**, '36, lives in Minneapolis, Minn., and retired in 1984 from her position with General Mills as vice president and director of the Betty Crocker Food and Nutrition Center.

**Charles E. Koch**, '39, worked as an engineering chemist with the American Gas Association Testing Laboratory until he became a consulting engineer to the gas industry in 1949 and owner of C. E. Koch Consulting Engineers and president of Gas Appliance Laboratory, Inc. He recently received the Founders Award from the National Chapter of A.S.G.E. for distinguished service. Koch retired in 1986. Mrs. Koch is the former Elgie Clark, '40.

## '40s

**Fred Richard Johnson**, '40, is president of F. R. Johnson Products Co., Apple Branch Corp., in Salem, Mich. He is also head designer for Modern Home Equipment and was listed in the 22nd edition of Who's Who in the Midwest.

Recently celebrating 25 years on the library staff at Western Baptist Seminary in Portland was **Betty Lu Nixon Johnstone**, '45. She received a MLS degree at the University of Portland in 1971 and now has the title of Readers Service Librarian.

**Lora Laslett Kelley**, '49, and her husband, **Martin Kelley**, '50, of Omaha, Neb., have set up the Herbert R. and Leota L. Laslett Scholarship Fund to provide scholarship assistance to undergraduate and graduate students who are pursuing a teaching career.

**William A. Harris**, '49, president and general manager of Ideal Standard, S. A. in Mexico, was recently inducted into the Thunderbird Who's Who. His wife is **Tamzin Moran Harris**, '48.

**Wally Watson**, '49, and **George Watson**, '49, co-owners of Watson's Pharmacy in Portland since 1950, recently sold their pharmacy to Safeway Stores and are now employed there.

## '50s

**Richard R. Harlow**, '50, has announced his retirement as industrial sales manager for the electrical distribution and control sales division of General Electric in Portland. He joined the company in 1950 after graduation from OSU.

Open Door Radio Ministries has just received its seventh Silver Angel Award in Hollywood. It is produced in the studios of radio station 62 KGW in Portland and directed by Presbyterian pastor **Bud Frimoth**, '50.

Dr. **Arthur N. L. Chiu**, '52, has been a University of Hawaii educator for more than 30 years and was recently chosen 1989 Engineer of the Year for Hawaii. He also received the WERK Outstanding Wind Engineering Contribution Award.

Napa Valley Unified School District trustee **John Wagenknecht**, '53, has been presented with the coveted Distinguished Service Award by the 18th District Parent Teachers Association of Napa and Solano Counties. He has worked for more than 30 years with the U. S. Cooperative Extension in youth development and community development.



**Richard Goff**, '53, the administrative partner with Deloitte Haskins & Sells in Portland, has been selected as the 1989-90 Public Service Award recipient by the Oregon Society of Certified Public Accountants.

**C. E. "Chuck" Pedersen**, '57, president and chief executive officer of the First Interstate Bank of Casper announced his retirement from the bank effective May 1, 1989.

**Richard A. Frederick**, '58, works as equipment stock department manager for Ski Chalet, a five-store ski retail chain in the Washington, D. C., area. He lives in Alexandria, Va.

**Duane K. Setness**, '58, has retired and is living in Salem after 34 years of federal civil service mostly with the Soil Conservation Service. He and his wife, **Audrey Pettengill**, '58, are enjoying gardening, fishing, church volunteer work and some travel.

Dr. **Norman Fredrick Billups**, '58, is currently dean of the College of Pharmacy as well as professor of pharmacy at The University of Toledo in Toledo, Ohio. He has been at the university since 1977.

## '60s

**Roberta van der Voort**, '60, a senior vice president of the national United Way organization and a former King County and national Camp Fire executive, was named president of United Way of King County recently. She and her husband will be moving soon from Alexandria, Va. to the Puget Sound area.

**Doreen Westin Vail**, '60, lives in Irvine, Calif., where she is teaching sociology at Orange Coast College. Her family is hosting an AFS student from Switzerland.



**Etsuo Yoshida**, '61, engineering specialist for the Vehicle and Control Systems Division of The Aerospace Corporation in Los Angeles, has received a U. S. Air Force Space Division Excellence Award.

Formerly general manager of technical functions in PGE's nuclear division, **Paul Yundt**, '61, has become manager of the Trojan Nuclear Plant 45 miles north of Portland.

**Tobe Zwegardt**, '63, now has his own ranch of 3,200 acres including 440 acres of timber at the foot of Slide Mountain about 10 miles southeast of Prairie City.

Dr. **Barbara Bennett Peterson**, '64, has been selected a Fulbright Scholar for the academic year, 1988-89, as a professor of history at Wuhan University in Wuchang, Hubei, China. Her home is in Honolulu, Hawaii.

**Gary Simon**, '65, opened Simon's Funeral Chapel in Woodburn a year after attending the San Francisco College of Mortuary Science in 1966, and he continues to operate the business.

**Allan K. Smith**, '65, was recently promoted to warmwater fisheries coordinator for the Oregon Department of Fish and Wildlife at the headquarters office in Portland.

Recently appointed manager of test facilities and industrial noise control at Boeing's Noise Engineering Laboratory in Kirkland, Wash., was **David H. Reed**, '66.

Marine Col. **John C. Thomas**, '66, was promoted to his present rank while serving with Fleet Marine Force, Pacific, Camp Smith, Hawaii. He joined the Marine Corps in 1966.

**Dick Bewersdorff**, '66, who took the job as city planning director of Forest Grove in 1975, has resigned his position. He plans to take some training and attend a career planning seminar for future career plans.

**James Gregory Bradsher**, '68, archivist with the Planning and Policy Evaluation Branch, Office of Management and Administration at the National Archives and Records Administration in Washington, D.C., has written a book titled "Managing Archives and Archival Institutions."

**Dick Harrison**, '69, assistant principal at Sandy High School who has been employed with the district since 1973, recently resigned so that he can run for a position on the high school board of directors.

**Daniel G. Chamness**, '69, who previously was partner in an accounting firm in Prineville, is the new finance director for Hood River County.

Dr. **Thomas M. Jasper**, has had a private dental practice in Penticton, B.C., Canada, for the past 15 years. He and his wife have three sons.

**Robert H. Lawrence**, '69, owns and operates Pacific Homes in Portland, and his wife, **Susan Hanson**, '71, sells real estate for the Lutz Snyder Company. They live in Beaverton.

Working as a tax attorney in private practice in San Francisco, Calif., is **Thomas R. Leroux**, '69, who specializes in business and estate planning.

**Robert D. Epley**, '69, is vice president/manager of Crossland Mortgage Corporation in Portland. His wife, **Pamela Dyer**, '70, is Washington County escrow supervisor for the Chicago Title Insurance Co.

**Charlene White Bradley**, '69, has lived in Australia for 16 years and was teaching high school English until she recently retired.

## '70

Dr. **Larry Zagata** graduated from the University of Oregon Medical School in 1974 and is now director of the Emergency Department at Columbia Memorial Hospital in Astoria.

The American Fisheries Society has presented its Award of Excellence in Fisheries Education to Dr. **Terry Roelofs**, a fisheries professor at Humboldt State University in Eureka, Calif.

## '73

Dr. **John Hammel** returned to the Pacific Northwest in 1982 to become an associate professor in the soil science division of the University of Idaho in Moscow.

**Will Beidler**, former assistant district biologist in Newport, has been named district fish biologist for the Florence office of Oregon's Department of Fish and Wildlife.

**Fred Boyd**, who is OSU's 10th all-time leading scorer and played seven seasons in the NBA with Philadelphia and New Orleans, has been named assistant basketball coach by head coach Jimmy Anderson at OSU.

## '74

Willamette Industries, Inc. recently announced the promotion of **Walter Marvin Wirfs** to the position of production manager for their Dallas complex.

Dr. **Wesley M. Jarrell** has joined the Oregon Graduate Center faculty in the Department of Environmental Science and Engineering in Beaverton. He was formerly director of the Dry Lands Institute at the University of California at Riverside.

## '75

Dr. **Wayne H. Scheidemann** is currently practicing orthopedic surgery in Lakeport, Calif.

Dr. **James Clark** has been promoted from senior geologist to supervisor of specialty metals exploration for the Hecla Mining Company in Coeur D'Alene, Idaho.

**Carlton S. Yee**, who is on the California State Board of Forestry, lives in Bayside, Calif. He has taken up cycling in addition to flying the Comanche and hopes to cycle 4000 miles this year.

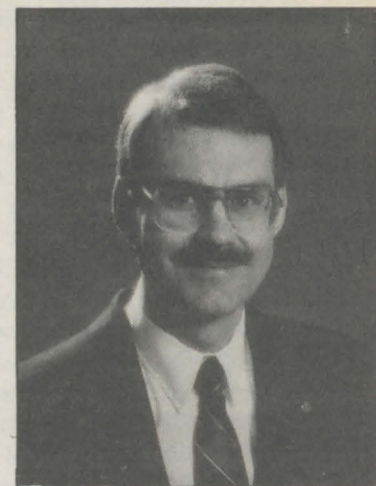
## '76

Lt. Cdr. **Stephen A. Ritchey** is serving as chief logistician for Headquarters Allied Naval Forces in Southern Europe and has visited several countries through NATO.

**Robert A. Maestre**, who has had a career in social services and is

now branching out into municipal management, will be the City of Othello's first supervisor/clerk in Othello, Wash.

## '77



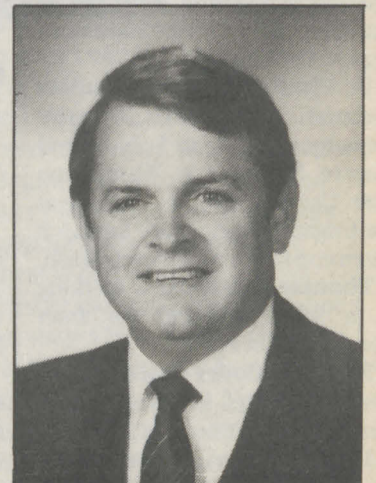
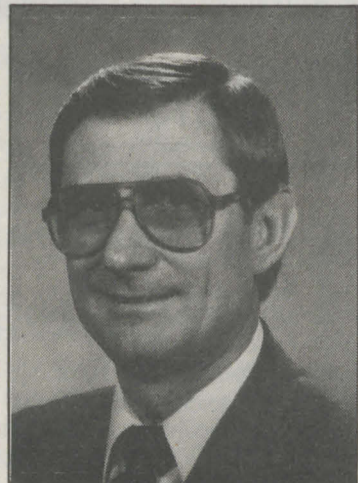
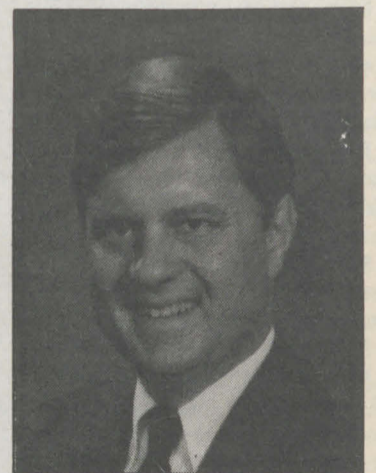
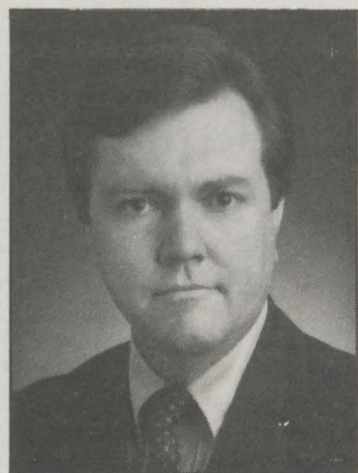
Formerly regional manager, **Stephen T. Waring** has been promoted to general manager of Gelco Services, Inc., which has offices in Salem, Kent, Wash., and Sacramento, Calif.

**Ellie Goward** is taking graduate work at OSU in human development and family studies and adult development and also is teaching a writing class at Stayton's Chemeketa Center.

**Trudy Lee McGuire Naddy** and her husband recently moved to Sacramento, Calif. They had a new baby boy, John Francis Naddy V on Mar. 6 in addition to their daughter, Carley Jean, born in June, 1986.



**Linda Stoebig Eden**, '78, who is a registered dietician of the American Dietetic Association, is the new director of food services at Portland Community College.



**Merger of Property Counselors, Inc., a Portland real estate valuation firm, with Consilium, Inc., a Northwest-founded appraisal firm, brings together four OSU classmates. Gary L. Roberts (top left) '65, has been welcomed to the Portland office of Consilium by Stephen H. Olson (top right) '66, president, Larry J. Tapanen (bottom left) '65, office manager, and Richard A. Kaufman (bottom right) '66, director of industrial valuations.**

'79

**Alan Joseph Baumann** is working in young growth management for the U. S. Forest Service in the Umpqua National Forest. He lives in Idleyld Park.

Certified public accountant **Mike Day** has joined the firm of Frument, Lander & Wallace as a tax manager in Vancouver, Wash.

Navy Lt. **Paul Talwar** has been awarded the Navy Commendation Medal for meritorious service. He is currently serving aboard the dock landing ship USS Mount Vernon homeported in Long Beach, Calif.

'80

Following two years at national offices of United Church of Christ, **Marie Rietmann** is now directing Wheat for Peace, a project sponsored by the Ecumenical Ministries of Oregon to donate Pacific Northwest wheat to Nicaragua. She lives in Portland.

'81

**Bruce McKibben** of College, Alaska was married in December in Norway, and he and his bride honeymooned in Longyearbyen, Svalbard and Spitsbergen (600 miles north of Norway). He also attended a reunion of the "Mutants," an independent living group during '79-'82 at OSU, over the July 4th weekend in Hood River.

'82

**Patrick Harfst** is living in Gilbert, Ariz. and works for Realty Executives of Mesa as a realtor.

**Stephen Anthony Rudinsky**, who is completing graduate business studies at the University of Chicago, plans to be married July 1.

Working as assistant manager and sales representative for Mario Jason Originals in Twin Falls, Idaho, is **Barbara Lynn Keihle Jones**.

**Donna Florio** is a district dropout prevention specialist working at the Franklin Resource Center in Corvallis for the Corvallis School District.

**Maureen Anne Proulx** recently moved to Seattle, Wash., where she is employed as a purchasing agent for Washington Natural Gas. She plans to be married next fall.

**John A. Porter** was married last May and is a staff supervisor of adolescent residential treatment for Camelback hospitals in Mesa, Ariz.

Now working as staff assistant to the Oregon-Columbia Chapter's director of industrial relations at AGC in Portland is **Colette Evers**.

**John Volpe** has been awarded a \$11,000 scholarship in cancer research at The University of Texas Graduate School of Biomedical Sciences at Houston. The award was presented by the American Legion Auxiliary.

Dr. **Charles G. Edwards** is now assistant professor in the Department of Food Science and Human Nutrition at Washington State University and is working at the Irrigation Agriculture Research Extension Center in Prosser, Wash.

**Thomas J. Sawicki** is working as a sales engineer for Intel Corporation in Portland.

**Susanna Coder Boeck** has a new career and is now teaching fourth grade in Novato, Calif.

**Lorraine Haworth Burns** will be moving in June from Sunnyvale, Calif., to Albuquerque, N.M., where she will have a new job with Honeywell as a software engineer.

Currently teaching physical education at Jefferson Elementary School in the Corvallis School District is **Thomas Heath**.

'83

**Jennifer Marilyn Ott**, staff pharmacist at the Bess Kaiser Medical Center in Portland, has been appointed to the Grand Council of Lambda Kappa Sigma international pharmacy fraternity as supervisor of Region 8. She is a member of the Oregon Society of Hospital Pharmacists.

Dr. **Linda Forrest Lobb** is working as a veterinarian in Vancouver, Wash., and plans to be married in July.

**Krista Hartman** lives in Albany and is working as a business teacher at Central Linn High School in Halsey. She formerly taught part-time at LBCC and worked for the OSU Foundation in accounting.

Moving to San Diego, Calif., last year was **Nancy Lynn Cox**, who is employed in the accounting department of the Baltimore Bagel Company, a bakery chain store.

**Daniel McElhinny** was recently promoted to the position of director/curator for the Marion County Historical Society in Salem.

**Eric R. Eaton**, who works as a keeper in the "World of the Insect" building at the Cincinnati Zoo, is a freelance writer, poet and cartoonist in his spare time.

**Keith M. Cronrath** has been promoted to Associate with Talbot Engineers, Inc., where he specializes in automotive and industrial accident reconstruction, failure analysis, and metallurgy.

'84

**Lorraine Kovash** works for the Oregon Department of Revenue and is working in Portland for two years.

**Susan Sturges** is assistant vice president in commercial real estate financing at the Bank of America in San Francisco, Calif. She is a tap dance performer in her leisure time.

**Leann Cahill Kjemhus** and her husband, **Michael Kjemhus**, recently moved to Redlands, Calif., where she is mall manager/marketing director for the Redlands Mall, and he is a salesperson for Wesco-Westinghouse Electric Supply in Riverside.

Dr. **G. Sam Foster** has accepted a position as a supervisory research geneticist with the U. S. Forest Service, Southern Forest Experiment Station, in the Plant & Soil Science Department of Alabama A & M University in Huntsville, Ala.

**Stephen F. Redman** has been appointed the new branch manager of Timberland Federal Savings and Loan in Montesano, Wash.

Recently receiving his master's degree in wildlife management from Texas A & I was **Arlo Kane**, who is now managing the East Everglades Wildlife and Environmental Area for the Florida Game and Fresh Water Fish Commission.

**Laura Brooker Richards** of Corvallis received her D.V.M. degree from the OSU School of Veterinary Medicine in May.

'85

**Amy Shepard Wells** has moved from Santa Clara, Calif., to Bellevue, Wash., and is now employed as a marketing specialist with Digital Equipment Corporation.

**Lori Christianson** is currently working as a manager trainee for Radio Shack. She makes her home in Gervais.

Lt. j.g. **Richard R. Lench** was designated a Naval aviator upon presentation of the "Wings of Gold" following 18 months of flight training.



**Linda Clark Lawyer** has been working at Gerber Advertising in Portland since 1986 and was recently promoted to art director.

After working in nursing homes and in private homes caring for the elderly, **Sharon Mitchell** recently opened a day-care alternative, The Home Connection, in her own home in Corvallis.

**Ruth M. Timian-Kramer**, who is an executive account representative for Arizona's largest savings and loan company, plans to move back to the Northwest in June for a career change.

**Lisa Jang** and her husband, **Jorge Rebaglioti**, are working as oyster farmers in the Bay Bottom Beds near the mouth of Walker Creek in the Bay area of California. They market directly to the restaurants there.

**Jay K. Kirschenman** lives with his wife and daughter in San Diego, Calif., and is a group and pension representative for Standard Insurance Company.

Navy Lt. j.g. **Arthur W. Glynn** has completed his first solo flight since undergoing primary flight training with Helicopter Training Squadron-Eight at the Naval Air Station Whiting Field, Milton, Fla.

'86

**Eric Holeman** is now the pharmacist and manager of the Snohomish (Wash.) branch of Valley View Clinical Pharmacists in the new Snohomish Health Center.

**Okyu Choe** is a computer systems manager and accountant for an aerospace company in Santa Clara, Calif., and his wife, **Kathy Varenbrink**, '85, recently earned a master's degree in marriage and family counseling from Azusa Pacific University. They are parents of a baby daughter, Nicole Marie, born Oct. 26.

**Nancy Mitter Andison** was married last June and is now working at a fish hatchery in Kake, Alaska.

Karakas, VanSickle, Ouellette, Inc., Advertising and Public Relations has added **David Rodewald** to its staff as a public relations account assistant. He previously worked as a reporter for the Daily Journal of Commerce.

**Suzanne Kovash Burbank** and her husband Dave had a boy, Brennan, born on Nov. 14. She is employed at The Bon in Salem.

**Fred Flora** has been added to the lumber sales staff of Timber Products Sales Company, a division of Timbers Products Co. Limited Partnership, in Springfield.

First Lt. **Lloyd T. Tweedt** is now serving as a C-141 pilot in the U. S. Air Force at McChord AFB, Wash.

An interest in mail order and Oregon-made products led **Mark Reynolds** to begin his business, "It's From Oregon", which is headquartered in Beaverton.

**Steven D. Misner** is employed as a geologist with Brown and Caldwell Consulting Engineers in Sacramento, Calif.

Coast Guard Ensign **Douglas K. Bruce** was commissioned in his present rank upon graduation from Officer Candidate School at the Coast Guard Reserve Training Center in Yorktown, Va.

'87

**Julie C. Morinaga**, who lives in Walnut Creek, Calif., is employed at Del Monte USA in San Francisco.

Navy Ensign **Maria K. Maiar** has completed the Officer Indoctrination School at the Naval Education and Training Center in Newport, R.I.

Dr. **Jeff Cooney** spent several years as a wildlife rehabilitator and now works with Dr. Stephanie Hazen at the Pet Clinic in East Salem. He continues to devote time helping area rehabilitators by giving talks and advice.

**Clark Seavert** has joined the Wasco County Extension Service office in The Dalles and will be the district farm management agent for Hood River, Wasco, Sherman and Gilliam counties.

Now living in Vancouver, Wash., is **Tracy Zea**, who is a research associate with Northwest Economic Associates. She recently was chosen Oregon's 1989 International 4-H Youth Exchange delegate.

Second Lt. **Michael Todd Manning** is currently undergoing Euro-Nato fighter pilot training at Sheppard AFB in Wichita Falls, Tex., and will graduate from the 13-month school in April.

**Robert Clark Gwaltney** is a process engineer for Atlantic Richfield in Bellingham, Wash., and plans to be married in June.

**Jay Yelas**, who is a full-time professional fisherman and represented the Columbia River Division of the Red Man Tournament Trail, won the Operation Bass championship in the contest recently held at Wilson Lake, Oahu, Hawaii.

**Kimberly R. Kahler**, who misses Oregon very much, writes that she is in her second year of medical school at the University of Michigan in Ann Arbor.

Now working as building project manager for the Illinois-Walsh Construction Company in Huntington Beach, Calif., is **Daniel S. Haas**.

**Carolyn MacKinnon Kelley** is living in Juneau, Alaska, where she works for the Juneau School District. Her husband, **M. Scott Kelley**, '88, is a graduate student at the University of Alaska Southeast studying fish genetics.

**Gary Douglas Traffas** and **Kristina Elizabeth Johnson** '88 were married on May 27 in Tigard, Ore.

'88

Marine Second Lt. **William J. Becker** recently graduated from the Basic School at the Marine Corps Combat Development Command in Quantico, Va., and is now assigned to the Fleet Marine Force.

The Clatsop Education Service district board has appointed **Allen Salber** as mechanics instructor at the Area Vocational Center.

**Jonathan Liddle** is a new science teacher at Western View Middle School in the Corvallis School District.

**Donnie Jenck** lives in Hood River where he works for United Telecommunications, Inc.

Dr. **Richard Rossi** has been presented the 1987-88 Li Award by the OSU Department of Statistics in honor of Jerome C.R. Li, the first chairman of the department. It is given annually to the outstanding doctoral candidate in statistics.

**Lori Hardwick** is serving as legislative assistant to Senator Eugene D. Timms of Burns at the State Legislature in Salem.

Ensign **Ronald D. Walton** has completed the Basic Surface Warfare Officer's Course at Newport, R.I., where he was taught how to perform as a watch and division officer aboard Navy ships.

**Kenna J. Fujikawa Latwesen** is the food service director at The

Towers, a private student housing unit at the University of Wisconsin in Madison. Her husband, **David G. Latwesen**, is working on a PhD in biochemistry there.

Following graduation, **Susan Wooley** trained with Lyon's Restaurants in Concord, Calif., and is now working as an assistant manager at a restaurant in Walnut Creek. Marine Second Lt. **Max A. Galeai**, Second Lt. **Michael Farace**, and Second Lt. **Kenneth P. Wolf** have all graduated from The Basic School located at the Marine Corps Combat Development Command in Quantico, Va.

**K. Diane Ehlers** is in business at Design Studio Northwest in Portland with interior design services.

Employed as a sales traffic assistant at KATU-TV in Portland is **Christine Beringer** of Sherwood.

**David Paul Kramer** has moved to Penfield, N.Y., where he works for Davey Tree Expert in Rochester. He and his fiancée, **Theresa Amann**, plan to be married in June, 1990. She is attending Columbia University working on a master's degree in physical therapy.

Second Lt. **Marti J. Eaton** has completed the aviation officer basic course at Fort Rucker, Ala.

**Michelle R. Snyder** has a new job as skills trainer at Rainbow Adult Living in Portland and a new husband, Peter King, who is from London, England.

**Nancy J. Leamy** lives in Corvallis where she is working on a master's degree in museum studies, art and education at OSU.

**Susan Lewis** works for the College of Forestry and is now a production assistant for the *Oregon Stater*.

## MARRIAGES

**Tod C. Eisenbrandt**, '86, and **Carrie Lynn LaPlante**, '86; Feb. 4 in Corvallis.

**Mark William Hanley**, '84, and **Kelly Ann Spelman**; Aug. 20 in Larkspur, Calif.

**Mark Douglas Heintz**, '76, and **Peggy Suzanne Barnes**; Feb. 14 in Portland.

**Richard Michael Rice**, '87, and **Tara Denise Athey**, '88; Feb. 18 in Portland.

**Brett Michael Sherer**, '86, and **Kristi Lea Fletcher**; Dec. 17 in Tillamook.

**Thomas Baranek** and **Catherine Jane Carter**, '84; 1989 in San Diego, Calif.

**Doreen Cargill**, '73, and **Donald Benschoter**; April 15 in Pendleton.

**David Thompson**, '83, and **Becci Ann Blinco**; April 1 in Portland.

**Brian Pahl**, '88, and **Michelle King**, '89; Mar. 18 in Corvallis.

**Jeff Wright**, '82, and **Trish Janes**; Mar. 17 in Hillsboro.

**Randy A. Stewart**, '82, and **Lenore Kay Franson**; Mar. 4 in Bothell, Wash.

**Larry Alan Coon**, '87, and **Linda Louise Tracy**, '87; Feb. 25 in Portland.

**Daniel David Wellman** and **Jennifer Ann Norman**, '86; Mar. 4 in Lake Grove.

**George C. Thomas** and **Bevely S. Lewis**, '88; Mar. 18 in Corvallis.

**Jon Smith** and **Laurie Price**, '77; Mar. 11 in Corvallis.

**Jim Cox** and **Susan Zysset**, '86; Mar. 18 in Bellfountain.

**John Kiesewetter** and **Nancy Good**, '85; Feb. 25 in Sutherlin.

**John Ferney McKibben**, '84, and **Teri Ann Barlament**; Sept. 4 in Medford.

**Ernie Brown**, '88, and **Sherri Lynn Girvin**, '88; Dec. 17 in Reno, Nev.

**Todd Wayne Nydigger** and **Vickie Lynn Valencia**, '87; April 8 in Corvallis.

**William Cochrane** and **Emilie Bucy**, '87; Feb. 18 in Corvallis.

**Elden Lowell Altizer**, '83, and **Vicki Diane Schulz**; Jan 28 in Seattle.

**Earl W. Burt** and **Donna M. Watts**, '87; May 6 in Bremerton, Wash.



Steve Williams and **Mildred Elaine Mitchael**, '75; Mar. 25 in Oregon City.

**Mark Sheldon Lucht**, '87, and **Tracey Leanne Brenneman**, '88; Dec. 10 in Newport.

**Gregg Michael Coder**, '84, and Keri Debra Dennis; Mar. 18 in Lake Oswego.

**Pete Grossnicklaus**, '82, and Alison Lorene Davis; May 6 in Medford.

**Daniel Ray Brenneman**, '84, and Dianne Elizabeth Gray; Mar. 4 in Denton, Tex.

**Geoffrey Keith Wong**, '88, and **Kowhei Sophia Lin**, '89; Feb. 11 in Corvallis.

Gregory Peter Harris and **Teri Lyn Davis**, '86; Nov. 5 in Boise, Idaho.

Mark Grew and **Holly Stathos**, '84; Feb. 4 in Vancouver, Wash.

John Charles McDonald, Jr. and **Anita Jean Thompson**, '82; Feb. 11 in Milwaukie.

James Robert Satterwhite and **Snowden Lynn Eischen**, '84; Feb. 18 in Portland.

**Skip O'Neill**, '80, and D'Anne M. Tramp; Feb. 18 in Portland.

Brian Joseph Hebert and **Terri Lynn Goodpaster**, '85; Mar. 4 in Tualatin.

**John Raleigh**, '87, and **Catherine Clever**, '87; Oct. 15 in Eugene.

**Daniel Joseph Wieland**, '78, and Nadine Nalani Ababon; Jan. 14 in Honolulu.

**Donald E. Cooper**, '88, and Jennifer Ann Jacobson; Mar. 18 in Portland.

**Joel Richard Morgan**, '78, and Pamela Clare Rakestraw; Sept. 17 in Portland.

## IN MEMORIAM

**Marie Cathey Randall**, '13, of Beaverton; Mar. 6 in Canby.

**Jane Cadwell Austin**, '14, of Redding, Calif.; Feb. 6 in Redding.

**Gerald F. Pelland**, '14, of Bainbridge Island, Wash.; Jan. 30 in Bainbridge Island.

**Clytie Cadwell Serley**, '15, of Redding, Calif.; Mar. 18 in Redding.

**Merlin H. Catterlin**, '16, of Eugene; Mar. 27 in Eugene.

**Wanda Muir Gifford**, '16, of Salem; April 4 in Sublimity.

**Mabel May Smith**, '16, of Centralia, Wash.; April 25 in Centralia.

**Mildred Crout Cole**, '18, of Portland; April 16 in Portland.

**Alice Lillian Park**, '20, of Corvallis; April 9 in Corvallis.

**Hazel Kelsey Westcott**, '20, of King City; April 27 in King City. She was affiliated with ADP.

**Annie Townsend Morse**, '21, of LaHonda, Calif.; Mar. 12 in LaHonda.

**Ethel Frazier Coleman**, '22, of Salem; Mar. 25 in Salem. She was affiliated with PBP.

**Nicholas Schneider**, '22, of Portland; Mar. 15 in Portland.

**Ella F. Anderson**, '23, of Eugene; July 29 in Eugene.

**Clifford N. Carlsen**, '23, of Lake Oswego; Mar. 13 in Portland. He was affiliated with TKE.

**Haskell Clarence Carter**, '23, of Portland; Mar. 25 in Portland.

**Grant O. Hylander**, '23, of Los Altos, Calif.; January in Los Altos.

**Hazel Philippi Ashby**, '25, of Salem; April 3 in Salem. She was affiliated with KD.

**Margaret McLeod Horwege**, '25, of Milwaukie; Mar. 16 in Milwaukie.

**Estelle Calkins Hunt**, '25, of Tacoma, Wash.; Dec. 27 in Tacoma.

**Clifford H. Thorwald**, '26, of Coos Bay; Oct. 26 in Coos Bay.

**Isobel Robertson Griggs**, '27, of Portland; Mar. 3 in Colusa, Calif.

**Lawrence Templeton**, '27, of Sun City, Ariz.; Nov. 22 in Sun City.

**Laura Jarmon Woodworth**, '27, of San Diego, Calif.; Feb. 26 in San Diego.

**Irma Coulter Goldsmith**, '28, of Los Altos Hills, Calif. She was affiliated with KKG.

**Catherine Hartley Hadley**, '28, of Independence; April 19 in Independence. She was affiliated with ACO.

**Swanhild Ingemundsen Hedges**, '28, of Milwaukie; Mar. 29 in Portland. She was a lifetime booster of OSU and regretted that she could only afford to attend college one year. She enjoyed music and being a part of the OSU Madrigal Chorus while in school.

**Beryl A. Catt**, '29, of Modesto, Calif.; April 29 in Modesto.

**Kenneth Courtney**, '29, of San Diego, Calif.; 1988 in San Diego.

**Ann McClew Cunningham**, '29, of Spokane, Wash.; Feb. 12 in Spokane.

**Marcus Bayard Findley**, '29, of Salem; April 20 in Salem.

**E. David Pedemonte**, '29; Jan. 9, 1988.

**Tim de Jong**, '30, of Newburg; Sept. 22 in Newburg.

**Donald M. Anderson**, '31, of Huntington Beach, Calif.; January in Huntington Beach. He was affiliated with PSK.

**Katharine Drury Schutz**, '31, of Berkeley, Calif.; Jan. 29 in Berkeley. She was affiliated with KAT.

**Josephine F. Snow**, '32, of Santa Cruz, Calif.; Feb. 20 in Santa Cruz. She was affiliated with PBP.

**Dorothy L. Anderson**, '32, of Newport; Feb. 15 in Newport.

**Floraine Naomi Simons**, '32, of Corvallis; Jan. 15 in Corvallis.

**Ross L. Bateman**, '34, of McLean, Va.; Oct. 11 in McLean. Bateman was a telecommunications specialist who was founder and former president of Telcom Inc., an international tele-communications firm. He had worked on advanced technology communications systems throughout the world.

**Eleanor Wright Danforth**, '34, of Tigard; 1988 in Tigard.

**Charles E. Howard**, '34; Mar. 14. He was affiliated with LCA.

**Spencer H. Johnson**, '34, of Bellingham, Wash.; Oct. 12 in Bellingham.

**Charlotte Green Preston**, '34, of Shelton, Wash.; Jan. 31, 1988 at Shelton. She was affiliated with ACO.

**Phyllis Day Ramsden**, '34, of Salem; Mar. 9 in Salem.

**Emerald H. Barber**, '35, of Tillamook; April 27, 1987 in Tillamook.

**Frances Kyle Koop**, '35, of Salem; Jan. 23 in Salem.

**Doris Avery Murphy**, '35, of Corvallis; February, 1987 in Corvallis.

**Rodney N. Shultis**, '36, of Eugene; May 31, 1988 in Eugene.

**Ray T. Yasui**, '38, of Hood River; April 6 in Hood River. He was a prominent retired orchardist who was recently named to OSU's Agricultural Hall of Fame.

**Harry G. Cockrum**, '39, of Bozeman, Mont.; April 17 in Bozeman. He was affiliated with PSK.

**John H. Camp**, '38, of Mitchellville, Md.; Jan. 9 in Mitchellville.

**Stillman 'Stim' Wessela**, '38, of Eugene; Jan. 9 in Eugene. He was affiliated with PKP.

**William E. Holmes**, '38, of Rockaway; Dec. 16 in Portland.

**Martha Bradt Elliott**, '39, of Aurora; Mar. 30 in Tualatin.

**Paul Lynley Brainard**, '40, of Portland; Mar. 31 in Portland.

**John M. (Mel) Yadon**, '40, of Logsdon; April 6 in Corvallis. He was affiliated with PSK.

**Junette L. Fuller Manning**, '41, of McMinnville; April 16 in McMinnville.

**James Scott Smart**, '41, of Salem; Mar. 27 in Independence.

**Lotus W. Pennell**, '41, of Columbia City; Dec. 24 in St. Helens. He was affiliated with PKT.

**Albert L. Arthur**, '42, of Tigard; Jan. 18 in Beaverton. He was affiliated with SAE.

**Harry O. Smith**, '42, of Santa Rosa, Calif.; Dec. 20, 1987 in Santa Rosa. He was affiliated with LCA.

**Jean Gardner Norton**, '42, of Bellevue, Wash.; Feb. 16 in Bellevue. She was affiliated with KKG.

**Marie Hill Slocum Hattrem**, '43, of Portland; April 18 in Portland. She was affiliated with KAT.

**Larry F. Over**, '43, of Newport; Mar. 26 in Newport.

**George D. Peters**, '43, of Santa Paula, Calif.; Feb. 20 in Santa Paula. Peters played quarterback in the 1942 Rose Bowl game between OSU and Duke.

**Patricia Heston Steinbrugge**, '47, of Portland; April 21 in Portland.

**Helen Moon Bailey**, '48, of LaGrande; Mar. 20, 1988 in LaGrande.

**Lester Everett Bruns**, '48, of Richland, Wash.; Dec. 22 in LaJolla, Calif. He was a retired senior research engineer at Westinghouse and a nationally known expert in nuclear engineering and safety.

**Lawrence Gale Pinson**, '49, of Olympia, Wash.; Nov. 5 in Olympia.

**Betty Garner Larsen**, '49, of Raleigh, N.C.; Feb. 28 in Raleigh.

**Marian Anderson Miller**, '49, of Klamath Falls; Mar. 31 on Cocos Island near Costa Rica. She was affiliated with ACO.

**Robert Bonwell Parker**, '49, of Boise, Idaho; Mar. 26 in Boise.

**Adolf T. R. Saul**, '50, of Mountain View, Calif.; Dec. 28 in Mountain View.

**George D. Smith**, '50, of Shelton, Wash.; Feb. 21, 1987 in Shelton. He was affiliated with DU.

**Jay Alonzo Wescott Jr.**, '51, of Milwaukie; Jan. 24 in Clackamas.

**Carol Roeser Hathhorn**, '51, of Corvallis; January in Corvallis.

**James W. Johnson**, '51, of Lake Oswego; Mar. 25 in Tualatin.

**Donald R. Dickey**, '52, of Half Moon Bay, Calif.; Feb. 28 in Half Moon Bay.

**Barton D. "Bob" Feldkamp**, '52, of Roseburg; Dec. 20 in Roseburg. He was president and chief executive officer for Umpqua Dairy Products Co. and was Roseburg's First Citizen in 1986.

**Melvin Rhodes**, '52, of Beaverton; Oct. 15 in Portland.

**Merlin A. Haldorson**, '53, of Milwaukie; May 19 in Milwaukie. He was affiliated with PKT.

**Robert Joseph Saunders**, '53, of Anacortes, Wash.; Jan. 5 in Anacortes.

**James Joseph Hill**, '54, of Junction City; Mar. 11 in Dallas, Tex.

**Warren C. Jimerson**, '54, of Portland; Mar. 15 in Portland.

**Samuel A. Ebbert**, '57, of St. Joseph, MO.; Jan. 10 in St. Joseph.

**Arlene Fallen Peerenboom**, '58, of Keizer; April 7 in Salem.

**Maurice Andrew Dube**, '58, of Bellingham, Wash.; Feb. 2 in Bellingham.

**Doris L. Williams**, '59, of Albany; Mar. 15 in Albany.

**Richard A. Rondeau**, '60, of Salem; Jan. 2 in Salem.

**Roger Reed Parker**, '61, of Portland; Feb. 23 in Portland.

**Edward J. Spady**, '62, of Auburn, Wash.; Dec. 2, 1987 in Auburn.

**Herschel Henri Boydston**, '64, of Oak Harbor, Wash.; Dec. 25 in Oak Harbor.

**Gil R. Norbraten**, '65, of Corvallis; Jan. 31 in Corvallis. He was affiliated with DSP.

**Dennis Stuart Lund**, '67, of Newport; Jan. 23 in Newport.

**Leaette Kahler Ward**, '68, of Billings, Mont.; Jan. 23, 1988 in Billings.

**Jesse M. Jones, Jr.**, '68, of Salem; Mar. 14 in Salem.

**Andrew B. Ryan**, '68, of Bend; Mar. 8, 1987 in Bend.

**William D. Burby**, '69, of Vashon Island, Wash.; Feb. 24 in Vashon.

**Douglas A. Pawley**, '71, of Eugene; Mar. 20 in Eugene.

**Arthur Norman Orans**, '75, of Corvallis; April 10 in San Diego, Calif.

**John Douglas Grimps**, '75, of Clinton, Md.; Jan. 24 in Clinton.

**Curtis E. Farley**, '75, of Salinas, Calif.; Sept. 23 in Salinas.

**Jeffrey F. Worth**, '78, of West Linn; Feb. 26 in Seattle, Wash.

**John T. (Ted) Crawford**, '79, of Wilsonville; Feb. 15 in Wilsonville.

**Eric Samuel Ragland**, '79, of Corvallis; Feb. 19 in Eugene.

**Larry A. Benson**, '80, of Silverton; Mar. 13 in Salem.

**Christopher Brandt Stover**, '84, of Gold Beach; Jan. 16 in Boulder, Colo.

**Daniel Richard Whitney**, '88, of Corvallis; Feb. 5 in Corvallis.

## FACULTY AND FRIENDS

**Dr. Lester Miller Beals** of Corvallis; Feb. 8 in Corvallis. Beals was a faculty member in the School of Education from 1962 until his retirement in 1976. In 1978, he accepted a position at Warner Pacific in Portland and received an honorary doctorate degree there. He was affiliated with DTD.

**Dr. Gunnar Bodvarsson** of Corvallis; May 9 in Corvallis. From 1964 until his retirement in 1984, he was a professor of mathematics and geophysics at OSU, and was a member of the faculty of oceanography specializing in geophysical oceanography.

**Elaine Katherine Carlson**, '60, of Corvallis; Mar. 8 in Corvallis. She was a former clothing specialist for the Cooperative Extension Service of Oregon and in 1971 became assistant dean of home economics at OSU. She retired in 1982.

## Howland

In 1974, Howland became chairman of the board. Four years later, he did something he had denied himself all those years: He stepped down, left town, and took over a major project. He was the firm's program director for a \$230 million secondary treatment project in San Diego.

Though retired, he's by no means stopped working with and for people. Six years ago he and his wife Ruth received the first Helping Hand Award, given by the Corvallis Chamber of Commerce in recognition of civic service.

R. Charles Vars, Corvallis mayor and OSU economics professor, spoke at the E.B. Lemon award dinner in praise of Howland's contributions to the community, from planting bulbs to serving on major committees.

Howland has also worked with several state and national professional engineering societies. He has served with the Oregon State Highway Department Advising Committee and was appointed by the governor to the Oregon Water Resources Commission.

We asked Burke Hayes for a brief comment on his longtime friend and partner. Hayes said, "Each of the four original partners brought a unique capability to the firm, and it is impossible to rank them in importance. There can never be any doubt, however, that Jim's contributions were so important that had those contributions been mission, the firm could not have been successful.

"The elements of Jim's management style fit CH2M and its needs perfectly. He saw to it that we did not exceed our financial limitations. He initiated successful and very important techniques for motivating our people, probably one of the most important steps in our development. He played down the importance of hierarchy, high-



**Dr. Walter B. Bollen**, '21, of Corvallis; Mar. 30 in San Rafael, Calif. He was professor emeritus in microbiology at OSU and retired principal microbiologist at the U. S. Forest Service Pacific Northwest Research Station Forest Science Lab. His wife, Hildegard A. Bollen, died just eleven days earlier on Mar. 19.

**John W. Heggen** of Corvallis; April in Corvallis. Heggen was a good friend and supporter of OSU.

**Alice Anne Mason** of McMinnville; May 7 in McMinnville. She was a long-time member of the OSU Beaver Club.

**Mary Cozad Masters** of Corvallis; Mar. 18 in Corvallis. She worked for OSU in several different departments from 1956 until her retirement in 1977.

*Continued from page 8*

back swivel chairs, reserved parking spaces, large and fancy offices, etc., and even wrote a booklet on the subject. He was mindful of the needs of all our people from janitor to partner, and gave each a place in the sun.

"Space and time limit enumeration of all of Jim's contributions to CH2M. But that isn't all. Jim really was Mr. CH2M!"

And from that other classmate and friend, partner Holly Cornell: "It is difficult to be brief about 50 years of association as friend, partner, supervisor, counselor, and team member with Jim Howland. He was always there, helping, supporting, advising, and sometimes reprimanding—dependable, cheerful, integrity unquestioned.

"Jim seldom thought of himself, but only of how the actions would affect the organization he was working with, the team, or the people involved. He often gave up doing the things he would have liked to do to take on the difficult and often unpleasant tasks that are a good manager's lot. That's Jim Howland. They don't come any finer."

OSU

## Students and Prof

*Continued from page 8*

surveying business in Pendleton. This not only gave him college money—it gave him a taste of running his own business.

In 1936 he re-entered OSC, joining the class of '38 as an electrical-engineering major. He was vice president of Sigma Tau, the national engineering honor society, and a member of Sigma Alpha Epsilon.

Hayes was industrial and energy-systems director for CH2M Hill, supervising projects that involved mechanical processing systems,

*Continued on page 19*

## 'Black' Team Scores 14-13 Win in OSU Intrasquad Game

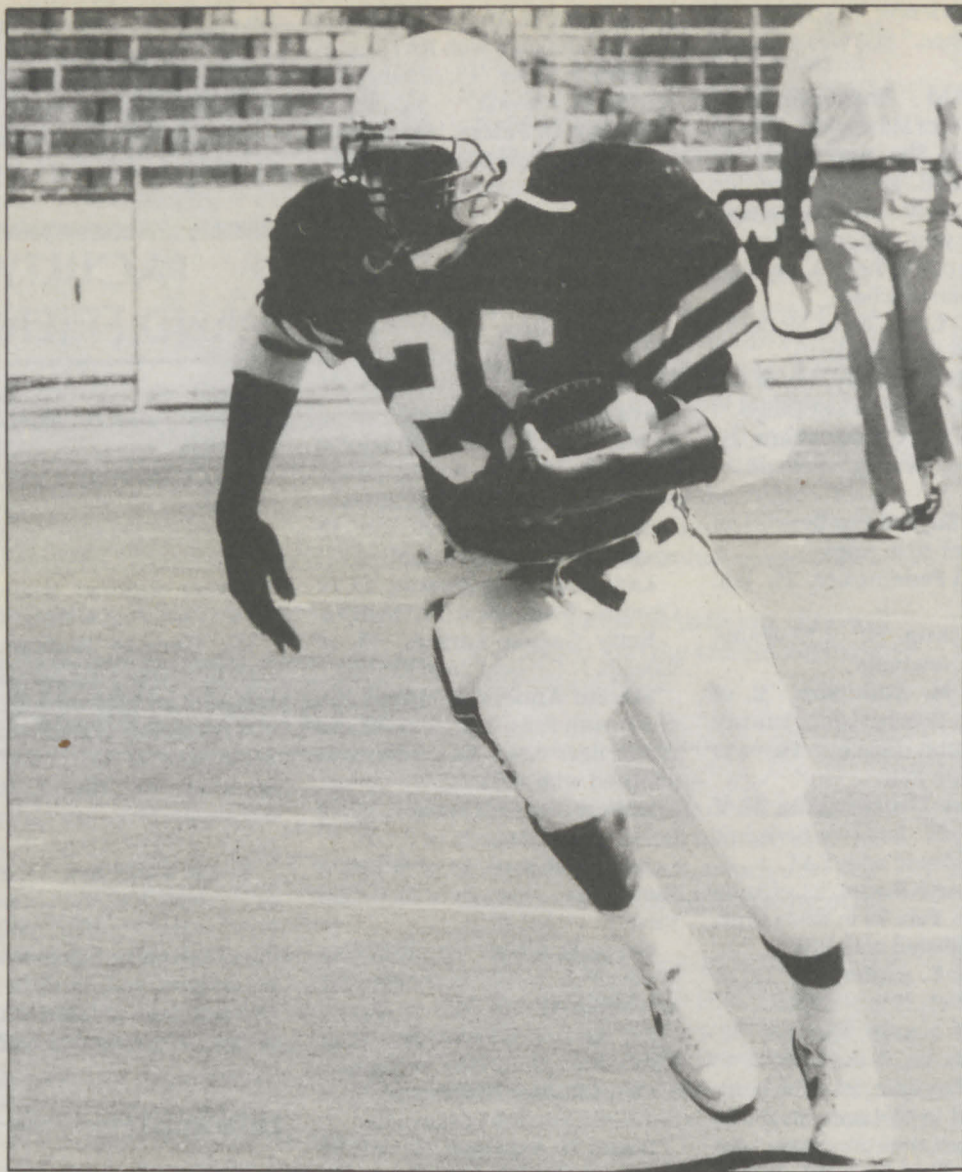
Thanks to a dropped pass on a two-point conversion try with 53 seconds remaining, the Black team scored a nail-biting 14-13 victory over the White team in Oregon State's Intrasquad Game to close out spring drills Saturday afternoon at Parker Stadium.

Fullback Dowell Williams dropped a two-point conversion try from quarterback Matt Booher that would probably have given the White squad the victory—thus the Black squad was able to hang on.

OSU coach Dave Kragthorpe was very pleased with the competitive aspects of the spring finale.

"I thought it was a good scrimmage and very competitive," says Kragthorpe. "It went right down to the wire with the White team having a chance to win at the end with a two-point conversion, so it can't get much closer than that.

"There were too many mistakes and we could have scored some more points, but I think that is to be expected . . . when you consider all of the people (11 key players) who did not play today, plus the fact that when you split the squads the way we did, you have people playing together who haven't been playing side by side."



Jerrell Waddell, a junior-college transfer, was the leading rusher for the Black team during the spring intrasquad game.

Kragthorpe says the quarterbacks played well. "I thought all four (Nick Schichtle, Matt Booher, Ed Browning, and Kent Riddle) had their moments, especially Schichtle and Booher. I was out on the field today for that purpose to watch the quarterbacks, and I like their poise."

Once again, Kragthorpe made the point that the quarterback situation will be the same when the Beavers report in the fall. Schichtle, Booher, and Brown-

ing will report to fall camp in August, all still in the hunt for the starting job when Oregon State opens the season against Stanford on Sept. 9 at Parker Stadium.

"We will decide the week before the Stanford game who will be the starter," says Kragthorpe, "but I doubt if we will make a decision before then."

On Saturday, all four quarterbacks had their moments. Booher, the

former junior-college All-American from Minnesota, took the White squad 46 yards for a touchdown in the final three minutes of the game and threw a two-point PAT pass that would have won the contest, only to have it dropped.

For the day, Booher had the best stats of the quarterbacks as he completed 11 of 18 passes for 134 yards and one touchdown. Browning, also on the White squad, was 5-10 for 69 yards. For the Black squad, Schichtle was 10 for 19 with two interceptions and one touchdown. And Riddle completed seven of 10 passes for 61 yards and one touchdown and an interception.

The receivers played for both teams. Sophomore Jason Kent had a fantastic day as he caught nine passes for 136 yards, while Reggie Hubbard caught four for 57 yards and Lloyd Bailey caught five for 45 and one touchdown.

The only thing that kept Kragthorpe from saying it was a great spring practice was the fact that too many key Beaver players were injured during the spring and missed most of the allotted 20 workouts. For instance, several of them were out of action on Saturday, including All-America candidates Pat Caffey, FB; Phil Ross, TE; and Pellom McDaniels, DE. In addition, other key players, such as linebacker Eric Davis, tailback Reggie Pitchford, wide receiver Al Griswold, tailback Speedy Hylton, and linebacker Joe Polamalu, were not available for duty as a result of injuries.

Still, Kragthorpe feels the Beavers are on pace. He says OSU has made big strides and is now looking for the next goal—a winning season. "I said after the Oregon game that we have turned the corner with this program," he says. "Our players believe in themselves now, and I think we are on target to reach that goal."

—Hal Cowan



R. A. Neitzel brandishes the bat

## 1989 Baseball Wrap-Up: It's Time for Retribution

"We just aren't a very good baseball team right now. Our young players are going through the transition, and in the meantime can't get the right things done. When they settle in a little, somebody's going to pay for what's happening to us right now."

Such was head coach Jack Riley's assessment of his team's longest losing streak in Riley's 17 seasons at Coleman Field. The skein of losses would reach eight—prompting Riley to remark to his wife, as they sat poolside at a Riverside, Calif., hotel, that if she ever found him spreadeagled face-down in the pool,

just leave him there, please.

The sardonic remark was in jest—but someone was going to pay.

The Beavers returned from Riverside and snapped the slide with a Coleman Field opening victory, only to lose four more and see their record dip to a frightening 6-16. Riley never used the same lineup twice during the stretch, and would use 45 variations in the 50-game schedule. It was time for the retribution.

Though the reversal fell short of what was theirs for the taking in the Pacific-10 Northern Division Tournament, Riley's Beavers finished 27-23, winning eight of its last 20, 17 of its last 21, and 21 of its last 28 games.

"We pulled it together in the second half," says Riley.

Indeed, enough came together to make the season rewarding. It's just that once you recover to get that brass ring in sight, it tempts you to look back for that one game that could have made the difference.

These Beavers, with their second-half rally, finished one game short of the regular season title and one game away from the division tournament championship. One game.

Still, avoiding the useless hindsight, there will be some grand moments to hang the 1989 cap on.

"Highlights of the season had to include the consistency of Jeff Brauning, the courage of Jeff Otis, and that maturation that enabled us to win 21 of our last 28," Riley recalls.

Brauning's 2-year career out of Shasta Junior College will long be remembered in OSU record books. Brauning hit in 45 of 50 games and reached base in 48 of 50 games this year. In his two seasons, he had a hit

in 82 of 97 games and now owns three season marks in the OSU divisions—a 31-game hitting streak that spanned nearly 2-1/2 months. He also stole 28 bases in 31 attempts, including 21 straight. The total was one off the school season mark, but the streak is a school record. The senior second baseman and team MVP followed up a .341 batting average as a junior with a .340 effort this year, sufficient to rank him fifth among career best average in OSU history.

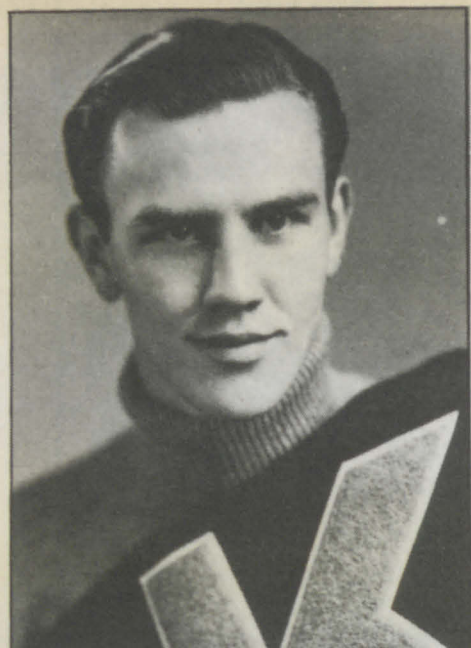
Otis pitched with a right arm held together with baling wire and Band-Aids. The junior from Beaverton still won six of his last seven starts, went the route in six straight and finished the year with the team's low ERA at 3.22. He'll combine with strikeout leader (94 in 96 innings) Ken Nielson for a fine start to the 1990 rotation.

As for the maturation, it bodes well for keeping Riley afloat. His outfield returns intact with Scott Sanders' .326 average in center, and freshmen Dave Williams and Jason Bratt flanking him. OSU's leading hitter at .342 was shortstop Ben Johnson, who returns for a senior year. Versatile first basemen Dave Schoppe and R.A. Neitzel, the team's leading hitter down the stretch, are also back.

And so Riley hits the trail to ensure that the maturation process takes shape several weeks sooner in '90. "We just have some areas that we need to shore up before we get the program back to where we want it. It's going to happen."

To hear Riley is to assume the payback is just starting.

—Mike Corwin



Young Ralph Miller at Kansas

## Miller Memories

By Chuck Boice

*Editor's Note: This is the second of a two-part series on the career of legendary OSU coach Ralph Miller. The first installment appeared in the April issue.*

One of the important facets of Miller's career was brought out in the stories about the major contributions he made on behalf of the black athlete.

He gained attention early when he won the Kansas state high school championship with an all-black lineup at Wichita East High.

"When I was growing up in Kansas, track was the only sport that blacks could participate in," Miller told Chris Baker of the Los Angeles Times. "They didn't want them to be in any contact sports with whites. but I could never see the difference in blacks and whites."

### "Ralph didn't care what color you were or how long your hair was as long as you could play"

In his blunt way, he treated all players alike. On the trips into the South with his Wichita State teams, he responded with strong outbursts when there were shows of discriminatory practices against his black players.

Some Wichita state fans were upset when he began recruiting blacks for college play in the early '50s, but he and the players soon gained widespread respect.

"Ralph was a pioneer," according to John Gales, one of his Wichita players. "Playing for him was a true experience, one I'll never forget. I came from Ft. Worth, which was a totally segregated environment, and all of a sudden, I was in Wichita, and Ralph came up with an idea that was eye-opening for me.

It was the idea of being able to call white people by their first name. I had never been able to do that before."

For the turbulent '60s, Ralph took his program to Iowa.

"Ralph didn't care what color you were or how long your hair was as long as you could play," Freddie Brown, a star at Iowa and later in the NBA said. "When Ralph first walked into that gym, there wasn't a lot of love because we (came from different backgrounds). But we all grew to love the guy."

### What They Say About Miller:

Jim Harrick, UCLA coach: "Here's a guy who's won 20 games eight times in this decade, and he's done it in Corvallis, Oregon. That's a magician."

Mitch Chortkoff, Basketball Weekly writer, in his salutes to about two dozen college and pro basketball figures for their 1988-89 season: "(to) Ralph Miller, for putting together an NCAA tournament team in his 38th and final season and showing that an acquaintance of Dr. James Naismith could still compete strongly in the late '80s."

George Raveling, USC coach: "He (Miller) has done more, with less talent, than anybody in the nation."

### Ralph Miller's All-OSU Team

For his 19 years at Oregon State, Coach Miller named the following as his all-star team.

#### POST

Steve Johnson (1977-81)

Jose Ortiz (1985-87)

#### POWER FORWARD

Lonnie Shelton (1974-75)

Charlie Sitton (1981-84)

#### SMALL FORWARD

Lester Conner (1981-82)

A.C. Green (1982-85)

#### GUARDS

Ray Blume (1978-81)

Freddie Boyd (1970-72)

### The Miller Record

•38-year total: 674-370 .646

•19 years at OSU: 359-186 .659

The Miller record includes nine NCAA Tournament appearances, six NIT appearances, twice National Coach of the Year, six times Regional Coach of the Year, seven times Conference Coach of the Year (in three conferences, the Missouri Valley, Big Ten, and Pac-10).

Received the highest honor of his profession when named to the James Naismith Basketball Hall of Fame in 1988. Also was inducted into the State of Oregon Sports Hall of Fame in 1988 and the State of Kansas Sports Hall of Fame in 1975.

## Women's Soccer Team Signs Two

The OSU women's soccer team has signed Dionne Richardson from West Linn High School and Brandy DuBois from North Eugene High School, OSU women's soccer coach Dave Oberbillig announced.

Richardson was a first-team all-state selection in her senior season, leading West Linn to a third-place state finish. She was named first-team all-league in both her junior and senior seasons, and honorable mention all-league as a freshman and sophomore.

After her senior season, Richardson participated in the U19 State Olympic development program, leading the U19 team to a state championship. She was a three-sport athlete at West Linn, competing in track (two years), basketball (two years), and soccer (four years).

DuBois was a member of the all-state soccer team in both her junior and senior seasons at North Eugene. She was also all-league soccer player during her sophomore, junior, and senior seasons.

After leading North Eugene to the state soccer playoffs for the second consecutive year, DuBois was honored by *Sports Illustrated* magazine's "Faces in the Crowd." She was also named KMTE Prep Athlete of the Week during her senior season for both soccer and basketball feats.

DuBois lettered all four years in soccer, basketball, and track at North Eugene.

## Wrestling Team Signs Velazquez

The OSU wrestling team has signed Frank Velazquez from Chelan High School in Chelan, Wash., OSU wrestling coach Dale Thomas announced.

Velazquez is a three-time Washington state champion at the 122- and 129-pound weight class. He is projected to wrestle at the 134-pound weight class for the Beavers. He was born in Mexico City.

"Frank may very well be the most talented of all our recruits," said Thomas.

Velazquez joins Brian Nissen, Lee MacDiarmid, Shane Ray Ooten, Terrance Farwell, Dan Alar, David Graham, and Tony Prior as the OSU wrestling signees for 1989-90.

## Bliss Named Assistant Wrestling Coach

Scott Bliss, 1988 Western Athletic Conference coach of the year at Wyoming and a former All-American at Oregon, has been named assistant wrestling coach at OSU, head coach Dale Thomas announced.

Bliss won the Coach of the Year title last year after leading Wyoming to the 1988 WAC championship and a 21st placing at the NCAA national championships. From 1981 through 1987, he was also head wrestling coach at the University of Montana and was named Big Sky Conference Coach of the Year in 1987. Bliss was also assistant promotions director at Montana. He has added international experience to his background as head wrestling coach in Martigny, Switzerland, in 1984.

"We've pulled off a real coup here in that we were in the right place at the right time," said Thomas. "He's already been well received by the Oregon wrestling community. I can't tell you how much this means to Oregon State. He'll add so much to our program both as a great technician and a great recruiter."

Bliss was an NCAA All-American at the University of Oregon from 1977-80 and was awarded the Pacific-10 Conference Medal in 1980. The Pac-10 award is presented to a student athlete from each conference school and is based on athletic achievement, scholastic accomplishment, and leadership abilities. He has been a member of six USA international wrestling teams from 1977 to 1982.

A 1980 graduate of the University of Oregon, Bliss replaces Jim Crumley, who had been with the Beavers for six years.

## Crew comes home with medals

The OSU crew team ended its season on an up note as they claimed two medals at the Pacific Coast Rowing Championships, in the men's lightweight 8 and the women's novice lightweight 8 races.

The next weekend the Beavers concluded their season at the United States Rowing Association Northwest Regional Championships. Eight of the 12 OSU boats competing came home with a medal, and 45 out of 50 rowers claimed a medal.

The lightweights stole the show again, as the men won the JV 9 race and varsity lightweight 8 race. The women's novice lightweight 8 and the men's lightweight 4 boats each claimed second-place silver medals.

At the end of the season, Shane Petersen and Jodi Rosenberg were named to the All-Pac-10 rowing teams.

## Students and Prof

Continued from page 17

air quality, thermodynamic processes, and power generation and transmission. He invented the Flomatcher scheme for controlling the pumping rate of electrical pumps.

Hayes is past president of the Oregon Board of Engineering Examiners. He was named Engineer of the Year in 1982 by the Professional Engineers of Oregon.

**Archie Rice**, '41, fell into his engineering career—literally.

From an early age in Portland, he enjoyed working for his father in construction. He attended college for two years, majoring in chemistry, in which he had a lively interest. But then he found himself earning more than his college-graduate friends, and having time left over for his other avid interest, fishing.

Then in 1938, while laying asbestos siding on a four-story house, the scaffolding on which he stood gave way. He and two other workers fell three stories down onto concrete. Rice broke his back and was laid up for months.

He now had time to reconsider college. The field of sanitary engineering touched on three of his greatest interests—water, chemistry, and building. Enrolling at Oregon State, he got acquainted with Fred Merryfield, head of sanitary engineering, who shared Rice's interests. The two became close friends.

Rice joined CH2M late in 1946, shortly after the Founding Four made it official. He became No. 5 and a partner, specializing in water and sewage facilities.

For a time he was president and general manager of CH2M subsidiary Pitcon Filtration, Inc., and its subsidiary, MicroFLOC Corp., and was responsible for many waste- and water-processing patents.

Upon his return to CH2M in 1970, Rice became executive vice president. In 1966 the American Water Works Association presented him with the George Warren Fuller Memorial Award.

Now officially retired, Rice continues to do some consulting work—and a lot of fishing.

**James W. "Jim" Poirot**, '53, is chairman of the board for CH2M Hill, Inc., CH2M Hill Companies Ltd., CH2M Hill International, and CH2M Hill PAC. He works at the firm's executive offices in Denver.

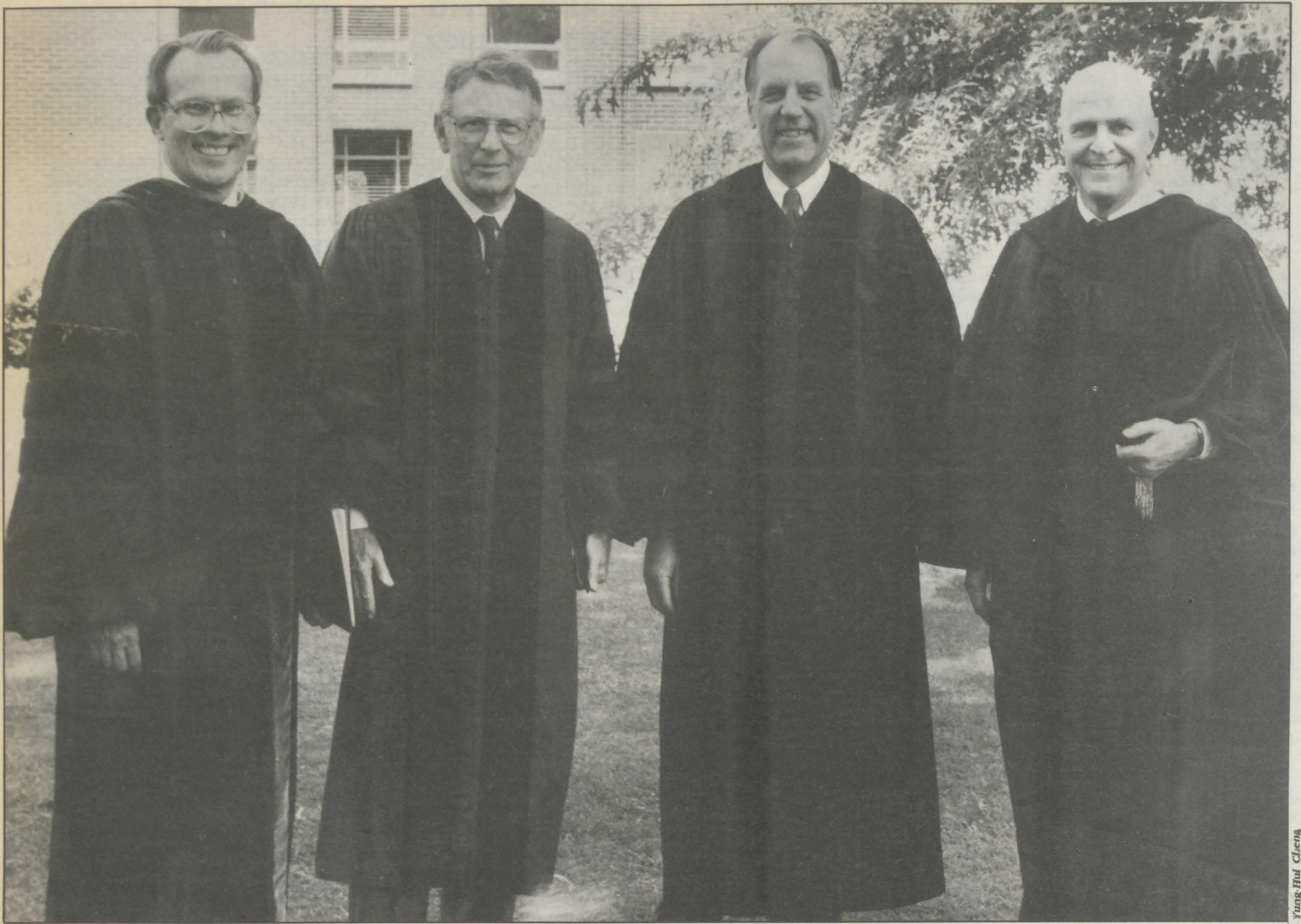
Poirot, a native of Roseburg, joined CH2M in 1953. He headed the Seattle-headquartered Northwest District for six years, directing the operations of eight offices in Washington, Oregon, Alaska, Hawaii, and western Canada. Later he became manager of the firm's Eastern Division, covering nine regional offices in 23 states.

He is active in the American Society of Civil Engineers and the American Consulting Engineers Council. He is past president of the Seattle Section of ASCE, and chairs and serves on numerous committees of both organizations. In 1985 he received the ASCE Edmund Friedman Professional Recognition Award.

He has received much praise for his work as chairman of an interdisciplinary committee that developed a professional-practices manual for the construction industry. This work earned him the title, "Construction Man of the Year" from ENR, a well-known industry trade journal.

Poirot, a licensed pilot, logs about 150,000 miles a year. His travels include frequent trips back to Oregon to take care of company business and his duties as a member of the OSU Alumni Association board of directors, and to visit relatives in Roseburg.

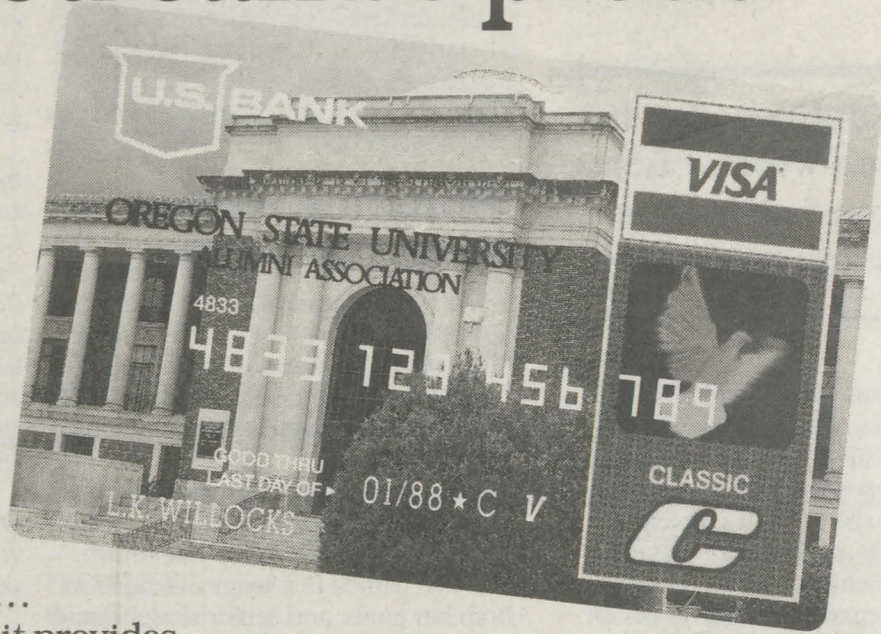
OSU



Young, Paul Cheng

(From left) Oregon State University president John Byrne, Paul Berg, John A. Young, and higher-education chancellor Thomas Bartlett at OSU's June 11 commencement exercises. Berg, Young, and Edwards Deming were awarded honorary doctorate degrees; Deming was ill and unable to pose for this picture.

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