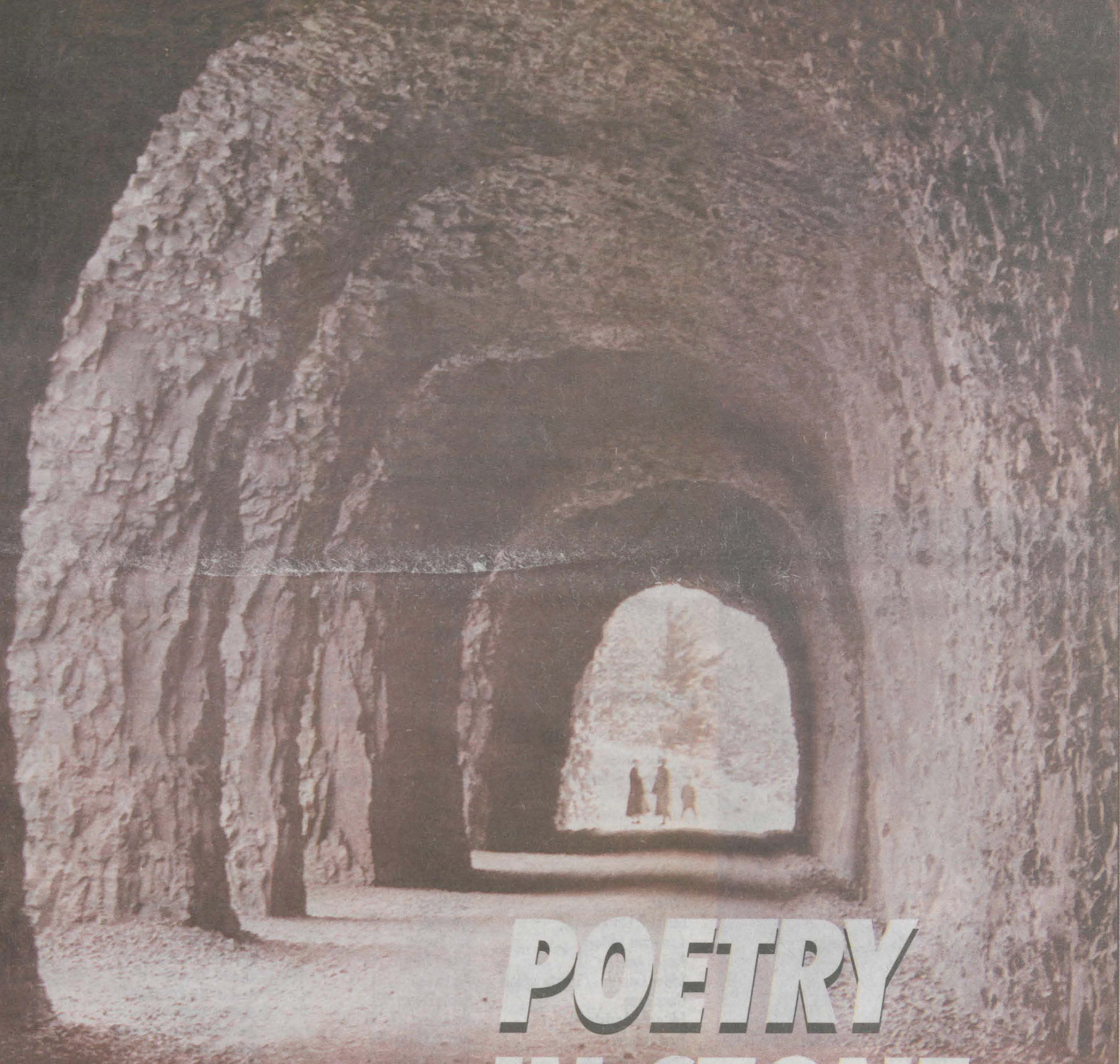


The Oregon Stater

Oregon State University Alumni Association

VOL. 80 No. 5 OCTOBER 1996



POETRY IN STONE

OSU and the Historic
Columbia River Highway

The Oregon Stater

INSIDE

Departments

- 3 Letters
- 4 Campus News
- 9 Student News
- 10 Foundation News
- 12 Association News
- 14 Cover
- 22 Class News
- 29 Sports

LAGNIAPPE

There are times when a story comes along you want only for yourself. To give it to someone else would cause you great anxiety. So you do the selfish thing, particularly if you're the editor and have control over such things as story assignments, and don't let anyone else get around it.

So it was with this month's cover story, a look at the Historic Columbia River Highway and the part Oregon State engineering played in its construction (and restoration). My love of history, old roads and trails made this one a natural for me, so I assigned it to myself—photos, text, everything.

Since I had only about four weeks to deadline, I immediately started gathering reading materials, setting up interviews and planning a trip up to the Gorge to experience and photograph the historic road. That trip became two trips, then four, then five! I became consumed with the highway, the history of its construction, the cast of colorful characters who built it and the work that is now under way to restore this wonderful engineering treasure.

Even at night, I wouldn't let the story alone, poring over books and articles and old photographs until I couldn't hold my eyes open. Out of it all, I came away from the experience a different person, more aware now of how beautiful a bridge can be, how peaceful a drive through the woods can be, how it is possible to take concrete and steel and asphalt and shovels and wheelbarrows and make a work of art.

In the end, the assignment became a labor of love, much the same kind of labor, it seems to me, that was put into the road when it was built.

If nothing else, I hope my story reflects how much fun I had in doing the story and the respect I have for the work Sam Lancaster, Sam Hill, Simon Benson, John Yeon, C.B. McCullough and others did in designing and constructing such a wonderful driving experience.

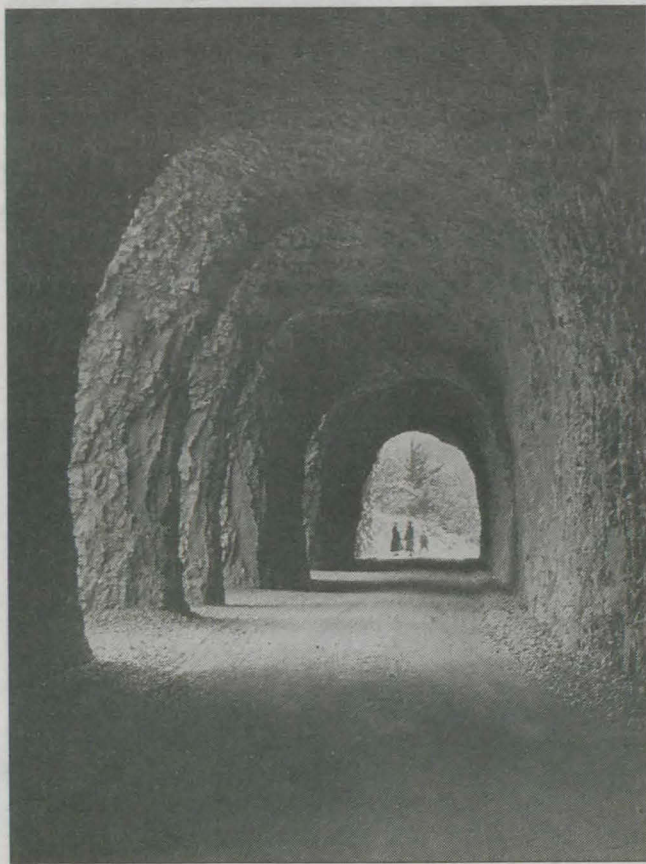
The 17 miles between Mosier and The Dalles along the Historic Columbia River Highway hold the most interest for Oregon State alumni because it is this stretch that features at least four bridges designed and built by C.B. McCullough, who was head of Oregon State civil engineering from 1916 to 1919.

In 1920, McCullough left OAC to start the bridge division for the state highway department and immediately hired the entire graduating class (save one) from OAC to start the new unit. Over the next 30 years, McCullough and his students gained national and international fame for bridge design and helped elevate Oregon State civil engineering to become one of the leading programs in the country.

Among this illustrious group—which included Dexter Smith (Tacoma Narrows Bridge) and Ivan Merchant (Yaquina Bay Bridge)—was Ray Archibald, who not only helped construct the Mosier Twin Tunnels on the historic road but also went on to become world famous as the designer of the first Chesapeake Bay Bridge. Ray's son Ken, an OSU alumnus and retired Oregon Department of Transportation bridge engineer, lives in Salem and helped provide valuable information and some of the photos included in the story.

Because of the time it took to complete this story, I had to skip doing an "Oregon Digest" piece for this issue. It will be back in December.

George Edmonston Jr.



On the Cover:

The Mitchell Point Tunnel, the magnificent five-windowed beauty that once delighted motorists along the Columbia River Highway, is now only a memory, destroyed in 1963 to make room for I-84. But a new generation of Oregon engineers is working to save what's left of the historic highway, and OSU alumni are helping with the important work of preserving this national treasure. Photo courtesy Glen Thommen, '79, of the Oregon Department of Transportation.

Editor:

George P. Edmonston Jr.

Assistant Editor:

Patricia Ann Filip '71

Editor Emeritus/Sports Editor:

Chuck Boice

Editorial Assistants:

Banu Chandar

Heather Christensen

Carlene Moorefield

Wendy Needham

Charlotte L. Williams

Photographers:

George P. Edmonston Jr.

Mark Floyd '77, '90

Barry Schwartz '96

Design:

Amy Charron '83

Tom Weeks

Writers:

Lynn Bell

Tom Bennett

Robert Bruce

Kip Carlson

Randy Everett '92

Mark Floyd '77, '90

Amy Hellickson '98

Penny Hardesty '71

Carrie Kinnear

Rebecca Landis

David Stauth

Stephen Swanson

Lisa Templeton

Alumni Association Officers

President:

Kathy L. Baines '62

First Vice President:

Robert G. Allen '70

Second Vice President:

Randy O. Young '76

Immediate Past President:

Mike G. Cowgill '75

Treasurer:

Thomas A. "Tad" Davies '78

Director:

Donald S. Wirth '61

Associate Director

Stephen T. Smith

Associate Director

For Development:

Carrie Kinnear

Assistant Directors

Karrie George

Randy Everett '92

Lisa Templeton

The Oregon Stater (ISSN 0885-3258) is published six times a year—in February, April, June, September, October and December—by the Oregon State University Alumni Association, 103 Memorial Union, Oregon State University, Corvallis, Oregon 97331-5003. Periodicals postage paid at Corvallis, OR 97333, and at additional mailing offices. To contact the Alumni Association call: (541) 737-2351. *Stater* offices: (541) 737-0780. *Stater* e-mail: edmonstg@ccmail.orst.edu

Postmaster:

Send address changes to *The Oregon Stater*, 103 Memorial Union Building, OSU, Corvallis, OR 97331-5503. *The Oregon Stater* is the official publication of the OSU Alumni Association.

LETTERS

Flying Colors for the Beavers

Being a member of the class of 1942, I vividly remember Oregon State's victory in the Rose Bowl that year. I also remember Slat's Gill's outstanding basketball teams of the same era. I had Kappa Sigma fraternity brothers on both teams. It would make all alumni happier if our modern day football and basketball teams were doing better. However, Oregon State's first mission is to educate young men and women, to equip them to make a living and contribute something substantial to their communities and society at large. On that score, OSU's record has been and continues to be excellent.

It was reassuring to learn from Kip Carlson's article that our current varsity athletes are doing well as students and much better academically than their athletic contemporaries at comparable universities. I'm also proud of the fact that our other athletic teams in what used to be called the "minor" sports are holding OSU's banner high both athletically and academically.

Just wanted you to know that this alumnus supports the balanced program which Dutch Baughman is leading. Stay the course!

Bob Lundeen, '42
Deer Harbor, Wash.

A Great Beaver Footballer

Several issues back you printed an article in *The Oregon Stater* chronicling the all-time great Beaver football players. There was a major omission from that list. I kept hoping that I would get somewhere that I could get the full details, but time has passed and no luck. So here goes from memory.

Admittedly the Kip Taylor years were not a high point for Oregon State football, but one player from that era especially stands out and deserves to be remembered, Ron Aschbacher.

Ron played his high school ball on the great Crook County High (Prineville) squads of the early '50s before enrolling at OSC. At Oregon State, consecutive losing seasons eroded his morale, and his performance suffered. Prior to the 1954

season he lost his scholarship and was not even mentioned in the preseason press guide. Shaken by this, Ron buckled down and not only made the squad but made All-Coast. He won the MVP award, the Most Inspirational Player Award and the Outstanding Lineman Award (the only Oregon Stater, I believe, ever to win all three).

Perhaps the highlight came against Cal, when Ron made something like 16 unassisted tackles from his defensive lineman's position. (They pulled their guards on sweeps, and none of their players was quick enough to fill the gap before Ron zipped through.) A campaign was quickly launched to get Ron All-American recognition, but without preseason hype and a late start it failed to come to fruition.

Ron was drafted by the San Francisco Forty-Niners and played well for them until injuries shortened his career. (His brother Darrell, incidentally, played for the University of Oregon and the Philadelphia Eagles.) Today Ron has a successful insurance business in Medford.

As your article made clear, there have been a host of fine players at Oregon State, but I hope that the above information dredged up from 49-year-old memories makes it clear that Ron Aschbacher ought to be on any list of great Beaver players.

Thomas R. Cox, '55
McCammon, Idaho

Memories of Unsoeld

I graduated in forest management in 1950 with what amounted to a minor in journalism, although there was no such minor in those days. Sam Bailey and Fred Shideler were two of my favorite profs.

I enjoyed your piece on Bill Unsoeld in the June issue. As always, a good nitpicker can find some things in need of correction or amplification!

I was a charter member of the OSC Mountain Club and was its president in 1949-50 when Jolene Bishoprick (later Unsoeld) was secretary-treasurer. The club was formed in 1947 with reorganization of Suski Ski Club, which had been the college ski club. Many of us were climbers as well as skiers and wanted an organization that covered both sports.

We had as many as 400 members and ran as many as five ski buses to Hoodoo on a Sunday—in the pre-lift days when we cross countryed the

mile into the bowl, ran the grueling headwall rope tow all day and walked out at night.

Some of us were volunteer ski patrolmen and bunked Saturday night in the bowl's tiny ski patrol shack.

Mountain Clubbers are still active. A record 45 Mountain Club members climbed Three Fingered Jack mountain one September day in 1949. Some of the original group plan a repeat climb 50 years later. We have a reunion camp every few years.

Bill Unsoeld (he later was dubbed "Willi") had attended Oregon State during World War II in an army college program. After the war, he took a year off school to hitchhike around the world, including spending a good deal of time in India. Climbing was on his agenda, too.

He and Jolene announced their engagement on top of Mt. St. Helens, not Hood. I have a picture of them on an earlier Mountain Club climb of Mt. Hood when the club snow camped west of Timberline Lodge.

The survival of Unsoeld and the others returning from the summit of Everest has to be one of the greatest mountaineering feats ever. You didn't mention that Bill protected Hornbein's feet at the expense of his own. He eventually lost all but one toe.

Bill was a true "guru" to both friends and his students, and he would help anyone. On one occasion we were having a hard time getting a toboggan with ski accident victim down the face at Hoodoo. Bill scrounged into his pack for a climbing rope and belayed us down.

My wife, Gloria, and I ran into them while camping at Tilly Jane on the north side of Mt. Hood one summer. Bill had just returned from his Masherbrum climb and was probably exhausted. But he was carrying a 70-pound pack and taking Jolene and the kids around the 36-mile Timberline Trail. There are dozens of stories like that.

You noted that you could not locate Barry Bishop. He died not long ago after retiring as chairman of the National Geographic Society's Committee for Research and Exploration. The U.S. Board on Geographic Names recently approved naming Mt. Bishop in Antarctica, honoring Barry. Incidentally, Jolene was in Congress, representing southwest Washington, until the last election.

Bill Keil, '50
Portland

Malamud Revisited

The letters from Dale Helm and Bob Goldstein in the September issue of *The Oregon Stater* caught my eye. I had freshman English comp. from Malamud in the spring of 1950. I think it was his first year at Oregon State. He still had an Eastern accent and was fresh from Columbia University in New York City. He was interesting and certainly a very good teacher. He used to compliment the girls when they wore print dresses and say how he thought that looked much better than skirts and sweaters, which the girls more commonly wore in those days.

One day I embarrassed him, though. I wrestled on the wrestling team and was being initiated into the Varsity O Club. Part of the initiation was to shine each of your professor's shoes in front of the class. Unfortunately, his shoes really did need to be shined, but he wouldn't think of letting me shine them. I think I was as embarrassed as he was—maybe even more embarrassed.

The article about Robin Reed also caught my eye. My wrestling coach at Klamath Falls High School was Chester Newton from Tillamook. He used to talk about how good Robin Reed was. He said he (Chester Newton) was the only wrestler on the Oregon State wrestling team who could even stay in the ring with him.

Bill Rose, '53
Bountiful, Utah

"Beat Hitler and Oregon State"

Editor's note: The response to our question about the history of the Beat Hitler and Oregon State button in the last issue was fantastic. Everybody we talked to agreed with Sterling Morris, who e-mailed the following:

The button is a souvenir of January 1942 when OSC played Duke University in the Rose Bowl. Not in Pasadena though, due to possibility of enemy attack . . . but in Durham, N. C., a move engineered by Oregon State athletic director, Percy P. Locey.

This unique episode in Rose Bowl history was mentioned briefly during my father's memorial service in January 1995. OSC did not have the funds at the time to send a broadcaster along, so Corvallis citizens raised the money to send KOAC's Jimmy Morris with the team to broadcast the game.
Sterling Morris, '69
Seattle, Wash.



"Nowadays, I think, all of us in the West should be listening to Dayton Hyde ... This is indeed a fine book, and its time is here."—from the introduction by William Kittredge

Paperback \$15.95.
Alumni Association members only \$12.76

We accept Visa & Mastercard.
Payment must accompany order.
Please add postage & handling: \$2.50 (book rate) or \$5 (UPS Ground) for the first book, and 75¢ for each additional book.

<http://www.orst.edu/dept/press/osupress.htm>

Yamsi

A YEAR IN THE LIFE OF A WILDERNESS RANCH
by Dayton Hyde, with a new introduction by William Kittredge

Yamsi, a 6,000-acre working cattle ranch in the Klamath Basin is the setting for Hyde's lively meditation on what it means to be a rancher in the West in the late 20th century. Hard work and hardships coexist at Yamsi with a dedication to principles of conservation and sound ecology. A Northwest Reprints book.



OSU PRESS
101 Waldo Hall
Corvallis
OR 97331-6407
541-737-3166
Fax 541-737-3170

Briefs

OSU Admissions Go High-Tech with New Web Process

The college admissions process in Oregon has gone high-tech. Prospective students applying for admission to OSU may now access applications electronically, fill them out on their computer, then e-mail them back to the University, which can automatically download them into its computer. The new service was made possible by a recent advancement with the Banner Student Information System, which can now download each electronic application directly into the University's computer system. Students may also check on their application status through the World Wide Web and scan through class offerings. By next spring, students should be able to

register for classes at OSU over the Web. To access OSU on-line services, use <http://www.orst.edu> for the University's home page or call (541)737-4088.

Ethnic Studies Department Welcomes First Students

The new department of ethnic studies at OSU has officially opened its doors to students, making the transition from the drawing board to reality after years of planning. When the evolution of the department is complete, OSU students should be able to earn majors—and minors—in ethnic studies and immerse themselves in curricula focusing on African American studies, Native American studies, Asian American studies and Chicano/Latino studies. The program is housed in OSU's College of Liberal Arts, although it is designed to attract students from all disciplines.

Marketing Director Named

A top West Coast business consultant has been named to a new position at OSU. Jill R. Schuster of Concord, Calif., the managing director of the Northwest Consulting Group in Portland, has been appointed as director of marketing. She begins in mid-October, and her responsibilities will be to provide leadership and direction to the University's overall marketing effort, including student recruiting and retention. Schuster holds B.A., B.S. and M.A. degrees from the University of Pennsylvania.

OSU Microbiologist Named Oregon Professor of the Year

Jane Trempy, an OSU associate professor of microbiology, has been named the 1996 Oregon Professor of the Year by the Council for the Advance-

ment and Support of Education in Washington, D.C. Conducted under the auspices of the Carnegie Foundation for the Advancement of Teaching, the professors of the year program salutes the most outstanding undergraduate instructors in the country—those who excel as teachers and influence the lives and careers of their students. It is recognized as one of the most prestigious awards honoring professors. Trempy received her undergraduate degree from Kansas State University in 1980 and completed her doctorate at the University of Texas Health Sciences Center in San Antonio in 1985. She has been on the OSU faculty since 1990. See also page 8 for a profile.

OSU Opens Rogue Valley Mall Office

On Oct. 1, OSU officially opened its new office in the Education and Resource Center at the Rogue Valley Mall in

Medford. The office is designed to be a one-stop service center to provide information on OSU's business and partnership resources, extended education programs, local Beaver Club and alumni activities, and assistance to prospective students. Hours are weekdays, 8-5 p.m., and the telephone number is (541) 608-6462.

'Theme' Residence Halls Greet Students

OSU is developing a different "theme" residence hall for almost every purpose under heaven. Wellness halls, an engineering hall, honors college hall, graduate student hall, diversity hall—if you have an interest, the University probably has a special living arrangement to fit it. It's part of a growing trend around the nation toward "cluster housing" that helps students feel comfortable and surrounded by peers with similar social or academic interests.

OSU WEBNEWS

By the Webworm

Whoever coined the phrase, "information superhighway" in connection with the Internet and the World Wide Web has conjured the wrong imagery. Spend a little time with OSU's Government Information Sharing Project, and the Webworm is confident you'll agree the Web is better understood as an information smorgasbord. There is zero chance it will remind you of downing fast food while negotiating traffic on Interstate 5.

Bring your dinner plate to <http://govinfo.kerr.orst.edu> or click your way from OSU's home page <http://www.orst.edu> through Library, Media and Computer Services; OSU Databases; and Government Information Sharing Project.

A U.S. Department of Education grant allowed Valley Library staff to develop software that quickly accesses massive quantities of government data on compact disk. This is a boon to people who are simply curious and not motivated enough to wade through a maze of SUDOC (Superintendent of Documents) numbers to claim one tidbit of knowledge.

Why, you may ask, does the Webworm want you to revel in government data in the middle

of an election year? First, most government data is not about governments; it's about the economy and the people who make it go. Business decisions thrive on government data. Second, you might want to check up on those politicians to see if they are telling you the truth.

Let's say we're looking to expand our chain of stores selling books on widgets (economists secretly adore the word "widget") into other parts of the country. Click on the county database and work your way through to Loving County, Texas. Hmmm ... 141 people in 1992, spread out at an average of .2 of a person per square mile in a total of 59 housing units. (The Webworm suspects there are more people, but the populace, known to abhor outsider fascination with the county's name and isolation, probably makes a ritual of burning census forms.)

This definitely isn't the place for our next store. One down, 3,140 counties or county equivalents to go. Or we can skip to Benton County, home of OSU, boasting a 1992 population of 71,777 and an impressive 41.3 percent of persons 25 or older with college degrees. The people of Benton County might support a store featuring books on widgets; some of them

might even write books on widgets or at least can explain widgets to company management.

Moving on to Madison County, Iowa, the Webworm is disappointed at the lack of data on the number and type of bridges in the county. Still, someone might find enough data in the Regional Economic Information System or the 1992 Census Economic data to track the economic effect of the book and movie that made this county a household word.

Thanks to the Census of Agriculture, you can search by zip code for data on farms with \$10,000 or more in annual sales. There are 44 beef cow farms and three milk cow farms in 97333; the database didn't reveal how many individual bovine creatures reside in the southern part of Cowvallis. The census also counted 17 vegetable farms, 27 orchards and eight berry operations meeting the size requirement.

Export/import data may seem like an unlikely place to pursue personal interests. Yet the Webworm was quite excited by the thought of nearly 11.8 million kilograms of solid chocolate (in blocks or slabs) that entered this great country in 1995.

According to Point Survey, one of several rating sites giving kudos to the Government

Information Sharing Project, OSU was the first site to place detailed financial and demographic data about U.S. school districts in easy on-line reach. Since the information dates back to 1989-90, Oregon users are limited to a pre-Ballot Measure 5 view of school finance.

The Consolidated Federal Funds Report provides some snapshots of where the federal government is spending our money, geographically as well as policy-wise. The feds spent a total of \$13.36 billion in Oregon in 1994. The Webworm was quite surprised to turn up \$3.4 million in retirement and disability payments to foreign services officers in Oregon. There is a subtle logic to it, however; after you've seen the world, what better place to retire to than Oregon?

The project offers a gateway to more commonly used Web sites for government information: the U.S. Printing Office, the White House, Thomas (Congress), the Library of Congress, the Oregon Home Page and the Federal Web Locator. There also is an OSU-based index to selected government resources by subject.

An exhibit on the OSU Archives Web page mentioned in OSU Web News in the September 1996 issue of the

Stater is to be featured on "TV-Internet," a television program on NHK Satellite Broadcasting of Japan, which has about 7 million subscribers. The "TV-Internet" program shows Japanese viewers the latest developments on the Web and describes the scope of Internet information.

The featured Web page, "Fighters on the Farm Front: Oregon's Emergency Farm Labor Service, 1943-1947," is an on-line exhibit of photos commemorating the state's Emergency Farm Labor Service. The exhibit documents efforts, coordinated by the Oregon State College Extension Service, to ensure an adequate farm labor supply during World War II and the years immediately after. The "Other Workers" section of the exhibit shows Japanese-Americans who worked in Malheur County's beet and onion fields from 1943 through 1945.

The on-line exhibit will be featured in repeated broadcasts over the next eight months. In addition, the exhibit introduction, located at <http://arcweb.sos.state.or.us/osuintro.html>, will be linked from the NHK Satellite Broadcasting WWW home page. The English version of the "TV-Internet" home page is found at <http://www.nhk.or.jp/tv-i/English/main.html>.

George Keller: Ready to Relax

By Amy Hellickson

George Keller sits at his desk on the third floor of OSU's Kerr Administration Building, surrounded by maps of the world and pictures of clipper ships.

He is as much a man of the sea as he is a man of the world.

And he is ready for retirement.

After 21 years of service to OSU, George Keller, vice provost for research and international programs is moving on.

A native of Hartford, Connecticut, Keller spent five years in the U.S. Navy as a marine geologist. During that time, he co-developed a program for the analysis of sea floor stability. He then moved to Miami, Fla. in 1966 as the director of the Marine Geology and Geophysics Laboratory.

Keller came to OSU in the fall of 1975 as the associate dean for the school of oceanography. For the next six years, Keller was responsible for research being done on OSU ships, much of which was conducted along the coast of Peru.

Keller said he looks back on those times at sea with fond memories.

"Being 4,000 meters underwater in a submersible was a tremendous experience," he said. "It's exciting in that you're not up above on the ship imagining what's down there."

In 1980, Keller initiated a research program with Chinese researchers to study unstable soil in the East China Sea. This major research project was followed by another in 1983 dealing with oceanographic conditions in the seas bordering China. The projects marked the first time in more than 30 years that an American research ship had operated in the waters of mainland China. Keller was one of 10 Americans chosen for the project.

In 1982, OSU President Robert MacVicar named

Keller dean of research.

"Dr. Keller helped build and broaden the base of the OSU research program that is now the second largest in the Pacific Northwest," MacVicar said at the time. "University grants now total \$60 million, making research a major factor in the overall efforts of the University."

At the time of his promotion, Keller had made more than 45 dives to the ocean floor in research submersibles and authored more than 75 scientific papers. In addition, he coordinated the University's \$3 million annual program of continuing research supported by grants from the Office of Naval Research. This was one of the largest single grants for research at OSU.

Over the next five years, Keller was responsible for administering OSU's research program with an overall budget of \$70-80 million and 1,500 faculty.

In 1986, Keller was elected to serve a two-year term as chairman for the University-National Oceanographic Laboratory System. UNOLS is the primary coordinator for the nation's academic oceanographic research vessel program. Included in UNOLS' research fleet of 26 vessels is the "Wecoma," operated by OSU. Keller served as chairman until 1990.

In 1987, President John V. Byrne announced a reorganization to expand international activity programs at OSU. Keller was appointed vice president for research, graduate studies and international programs.

President Byrne and Keller had known one

another since their college days at the University of Southern California.

By 1991, OSU scientists had attracted a record \$110.7 million in research funds for that year, which was 15 percent more than in 1990.

"I'd like to think of myself as a man who was helping things happen."

"The fruits of OSU research are making their way into the marketplace, actually being developed and used by business, industry and consumers," said Keller in an article in the *Corvallis Gazette-Times*. In that year, OSU's income for research was the largest of any institution in the Oregon State System of Higher Education.

Keller said his primary function was to facilitate means for research. This meant finding out which agencies or companies had the opportunity, then seeking the funding to get things started.

"I'd like to think of myself as a man who was helping things happen," he said. "You've got to get in step with

the faculty and do what they want."

Keller was the key man when it came to linking OSU students and faculty with foreign universities and government agencies. Ninety-five institution-to-institution faculty exchanges and 24 student exchange programs were managed through his office.

In 1993, Keller was named vice provost for research, international programs and federal relations at OSU. His responsibilities included the graduate program and developing OSU's federal agenda for the Oregon congressional delegation.

Keller has been praised by both faculty and administrators not only for his integrity but his ability to be a strong spokesman for OSU.

"It is no exaggeration to say that George was one of the reasons that I am at OSU," said

President Paul Risser. "He always presents himself and his university with contagious pride, great professionalism and dignity. George is a very strong spokesperson for faculty, always emphasizing both their success and how hard they work."

During his career at OSU, Keller was also responsible for organizing and forming the Center for Gene Research and Biotechnology and the Marine Experiment Station, the only such station in the country. He also set up numerous overseas exchanges in such places as Kiev, Bangkok, Denmark, Korea, China and England.

"What I'm going to really miss about this job is the people," said Keller. "This is the best upper-division job in administration because you're working for the good of the faculty and students. I've met the most tremendous people throughout these 21 years here—from a dynamic faculty to presidents and prime ministers."

Though he plans to keep in step with OSU research and overseas exchanges after retirement, Keller said he is looking forward to spending more time with his wife, Suzanne, and their children, Mark and Lauri. "My wife is ready to travel," said Keller, "but I'm ready to relax for a while first."



Barry Schwartz photo

Homecoming '96

Alumni Association's Homecoming Barbecue Turns 50

By Patricia Filip

It was billed as the "Reunion After Tokyo." The year was 1946, the mood was euphoric, the war was over and everyone was eager to come back to school. The only concern? There wouldn't be enough restaurants in town to feed the hungry Homecoming crowds. John Fenner, alumni manager, came up with a solution—dig pits in the armory, rig up spits and barbecue slabs of beef.

Although meat is no longer roasted over smoldering fires in the armory, the Homecoming barbecue tradition has continued for 50 years.

Fenner, '40, enlisted Al Oliver, '18, to head the project. According to Fenner, Oliver taught animal husbandry and was famous for putting on barbecues. The fires were started the night before, Fenner recalled, and the pits were big—perhaps as large as 10 feet long by six feet wide.

In those days the football team came out of the men's gymnasium and walked over to play on Bell Field, so the barbecue location was quite convenient, said Fenner.

The December 1946 *Oregon Stater* confirmed the birth of a new tradition: "The Armory became a bit smoky from the



For 50 years, barbecued roast beef has been the food mainstay of the Homecoming barbecue. This photo originally appeared in the December 1946 *Oregon Stater*.

barbecue fire which had burned all night, but that can be solved for next year. Yes, we'll plan to have another one next year because so many of you have urged that it be made an annual affair."

The barbecue was also the occasion for what the December 1946 *Stater* called the

"Laugh of the Month."

"We had a brainstorm and decided to have a table at the barbecue with a sign plugging alumni memberships," said Fenner. The sign, hung over a barrel decorated with orange and black crepe paper, read "Chuck it in the Bucket," and an arrow showed an alumni

envelope. "We expected a barrel full of alumni memberships," said

Fenner. "Instead we got a barrel full of paper plates."

Homecoming Schedule

Homecoming 1996 offers the opportunity to visit with old friends and revisit one of the most beautiful of Oregon campuses. Homecoming festivities officially begin at the Homecoming kickoff on Friday, Oct. 18 at noon in the M.U. Quad.

Downtown merchants will offer "Paint the Town Orange" promotions and special events in honor of Homecoming on Friday afternoon. The public is invited to a reception for the 1996 Alumni Fellows on Friday at 4 p.m. in the M.U. lounge.

The traditional Homecoming bonfire will blaze Friday at 7:30 p.m. at 11th and Washington.

Saturday activities begin with the Jensen breakfast at LaSells

Stewart Center at 9 a.m., followed by college open houses. Free shuttles will run all morning from LaSells Stewart Center to various campus locations.

Benny Beaver, the cheerleaders and fans will congregate at 26th and Jefferson at 10:45 a.m. on Saturday for the Yell Like Hell competition and then cheer on the football team in the traditional Beaver Walk.

This year the Alumni Association is celebrating the 50th anniversary of the Homecoming barbecue. The barbecue will be held from 11 a.m. to 1 p.m. in the OSU alumni tent at the Prothro practice field adjacent to Parker Stadium. The \$6 ticket price includes barbe-

cued beef sandwiches with all the trimmings, beverages and entertainment.

The morning festivities and barbecue lead up to the day's main event—OSU's battle against Stanford at 1 p.m. in Parker Stadium. Go Beavers!

Homecoming continues into the evening for the Class of 1956, which will meet for a dinner dance at Corvallis Country Club.

During Homecoming, the Alumni Association and athletics department are sponsoring a raffle for a chance to win a flight on a United shuttle and \$250 in spending money.



Oregon State University Alumni Association
presents the...

1996 Alumni Fellows

Dr. Roy Teranishi

Ph.D. Chemistry '54

Biocommunications Chemistry Research Leader
Western Regional Research Center, USDA, ARS
Albany, California

Mr. Lawrence P. Kirkland

B.A. Art '72

Artist/Sculptor

Public Artist and Community Activist
Washington, D.C.

All Oregon State University Alumni, friends, and students are invited to honor these individuals at the Alumni Fellows Awards Presentation and Reception Friday, October 18, 1996 4:00pm, Memorial Union Lounge

Faculty Briefs

Agricultural Sciences... Annual awards given by the college in September included the Brisky Award for Faculty Excellence to **Bernadine Strik**, associate professor of horticulture; the award for Excellence in Extension Education to extension agent **Mark Mellbye** of Albany; the award for excellence in international agriculture to **Thomas Cusack**, associate professor of agricultural economics; the F.E. Price-Agricultural Research Foundation Award to **David E. Williams**, professor of food science and technology; the Ferguson Distinguished Professor Award to **James A. Moore**, professor of bioresource engineering; and the R.M. Wade Award for Teaching Excellence to **Ronald E. Wrolstad**, professor of agricultural and resource economics.

Animal Sciences... **Fred Stormshak** has been named a Fellow of the American Society of Animal Science. Stormshak has been at OSU since 1968.

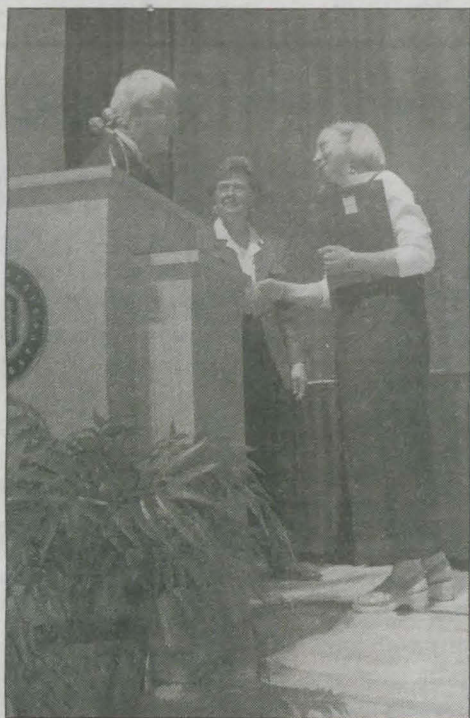
Chemistry... **Arthur W. Sleight**, OSU professor of chemistry, has been named the 1997 recipient of the American Chemical Society Award in the Chemistry of Materials. The award, sponsored by the E.I. du Pont de Nemours & Co., recognizes outstanding contributions to the chemistry of materials, especially those of actual or potential technological importance. Sleight, who holds the Milton Harris Chair of Materials Science at OSU, is an internationally recognized expert in solid state chemistry and has done pioneering work on high temperature superconductors, optical materials and new compounds that contract, rather than expand. He has been on the OSU faculty since 1989.

College of Science... Dean **Fred Horne** and his wife, **Clara**, who is head adviser for the College of Business, received a surprise honor at University Day with the announcement of a scholarship fund in their names in recognition of their encouragement, support and hiring of women and minorities. Other awards given by the college in September included **James D. White**, distinguished professor of chemistry, the Gilfillan Memorial Award for Distinguished Scholarship in Science; **A. Jon Kimerling**, professor of geosciences, the Milton Harris Award in Basic Research; and **Robert Mason**, associate professor of zoology, the T. T. Sugihara Young Faculty Award. Carter Awards for Inspirational Teaching were given to **William A. Bogley**, associate professor of Mathematics, **Steven Albrecht**, chemistry lecturer and **Pui Shing Ho**, an associate professor in the department of biochemistry and biophysics.

Student Affairs... **Larry Roper**, vice provost for student affairs, was awarded the Beaver Champion Award at University Day ceremonies for his efforts to help student find ways to succeed. See the Roper profile on page 9 of this issue.

University Day Awards... Presented at

special ceremonies, Sept. 16: **Lisa Ede**, professor of English and director of the University's Center for Writing and Learning, the OSU Alumni Association's Distinguished Professor Award; **Cheryl Glenn**, associate professor of English, the Elizabeth P. Ritchie Distinguished Professor Award for undergraduate teaching; **John S. Gillis**, professor of psychology, the Richard M. Bressler Senior Faculty Award; **Diane Hart**, senior instructor in foreign languages, the Dar Reese Excellence in Advising Award; **Setsuko Nakajima**, senior instructor in Japanese, the OSU Faculty Teaching Excellence Award; **Philip Hamm**, associate professor of botany and plant pathology, the OSU Extended Education Faculty Achievement Award; **Kenneth Krane**, chair of the department of physics and president of the Faculty Senate, the D. Curtis Mumford Faculty Service Award; **Bill Winkler**, associate professor of exercise and sport science and founder of the OSU Faculty-Staff Fitness Program, the D. Curtis Mumford Faculty Service Award; **Jim Crane**, senior faculty research assistant in crop and soil science, the Outstanding Faculty Research Assistant Award; **Dillon Sanders**, doctoral student in economics, the Herbert F. Frolander Graduate Teaching Assistant Award; **Sandra Lewis**, office manager, forest science, the OSU Staff Development Award; **Katharine Hunter-Zaworski**, assistant professor of engineering, the OSU Award for Service to Persons with Disabilities; **Timothy Taylor**, instrument technician in the department of physics, the OSU Exemplary Employee Award (classified); and **Jim Ervin**, research supervisor for greenhouse operations in the College of Agricultural Science, the OSU Exemplary Employee Award (management).



Lisa Ede (right) receives the OSU Alumni Association's Distinguished Professor Award at University Day. OSU President Paul Risser and OSUAA President Kathy Baines, '62, made the presentation. Photo by Barry Schwartz

OREGON STATE UNIVERSITY ALUMNI TRAVEL TOURS

(The tours for 1996 are all sold out!)
1997 TRAVEL ITINERARY

January 21-28, 1997 — \$1095

AHI

AUSTRIAN WINTER ESCAPE

Spend 8 fantastic days of skiing, leisurely exploration, music, cosmopolitan night life, shopping and dining during this beautiful time of year in the Austrian Alps.

February 2-11, 1997 — \$2695 and up

AHI

TREASURES OF COSTA RICA

Aboard the M/V Tempress Explorer, discover some of the world's most thrilling sights in Latin America's oldest democracy. Professional guides will share their insights and appreciation of the history, culture and natural beauty in this ecological paradise.
RESERVE BY OCTOBER 31, 1996 AND SAVE \$200 PER COUPLE

April 5-15, 1997 — \$3699 and up

INTRAV

WINGS OVER THE NILE

Enjoy an unbelievable 12-day trip into the past 5,000 years cruising and flying into a country filled with wonders of timeless legends of Egypt. Excursions allow time for exploration.

May 29-June 9, 1997 — \$3199 and up

INTRAV

DUTCH WATERWAYS

Cruise the historic canals of Holland and savor the beauty of the Swiss Alps, visit Brussels and Channel Cross to England on a 12-day Dutch Waterways Adventure.

July 29-August 6, 1997 — \$2190 and up

AHI

IRELAND-ACADEMIC CAMPUS ABROAD

A popular concept for travel and education. Accommodations for 7 nights with 3 full meals each day including Irish pub lunches that will give you energy for learning about the beautiful Irish countryside.

September 5-18, 1997 — \$3295 and up

INTRAV

MEDITERRANEAN CRUISE

Sail the Mediterranean and the Adriatic Seas for 14 days on a luxury air/cruise aboard the Pacific Princess to fabled ports in Spain, France, Italy, Greece and Turkey—a unique and timeless history lesson where modern history began.

September 18-28, 1997 — \$2466 and up

INTRAV

PAC 10-CANADA/NEW ENGLAND

Join us for the 4th annual PAC-10 cruise. Aboard the deluxe Royal Princess, visit Canada and New England's quaint harbor towns ablaze with colors. Early booking discounts will be offered.

October 18-30, 1997 — \$3195 and up

AHI

RHINE/MOSELLE

Travel into the very heart of Europe on the scenic Rhine and Moselle waterways that have played a major role in European history.

All dates and rates subject to change.

For further information please contact:
Carlene Moorefield, Travel Manager
Oregon State University Alumni Association
103 Memorial Union, Corvallis, OR 97331-5003
TEL: 541-737-2351 • FAX: 541-737-3481
moorefic@cmail.orst.edu

OSU Prof Named Tops in Oregon

By David Staugh

A university educator who decries the lack of scientific understanding among today's students—and has taken innovative approaches to address the problem—was named the 1996 Oregon Professor of the Year.

Janine Trempy, an OSU associate professor of microbiology who is spoken of as a mentor, inspiration, helper and friend, was honored by the Carnegie Foundation for the Advancement of Teaching.

A state such as Oregon that increasingly looks to high technology and other advanced professions for its economic future cannot tolerate students who lack basic understanding of scientific concepts, the ability to think independently and to collaborate in teams, Trempy says.

OSU, she said, not only allowed but encouraged her to do something about decades of science courses that provided stale lectures, abysmal student retention of knowledge and alienation of students not majoring in science.

The results have been impressive.

Taking one particularly popular class from Trempy "turned out to be the most dramatic turning point in my academic career," said Scott Mogull, an OSU student who blended majors in psychology and microbiology.

Another student said Trempy's "presence is commanding enough to keep even the drowsiest student awake, and she makes even the most difficult material easy to follow." A liberal studies major said, "I was scared to death to take an upper-division science class, but Dr. Trempy made the material both approachable and fun."

Lynette Bennett, a sociology student, said "OSU students are fortunate to have a professor like her challenging the old systems and ... break away from traditional teaching techniques. Janine encouraged us to think, and challenged us to reach beyond our personal expectations for learning."

The conventional methods for teaching science to the non-science major, Trempy says, are

essentially a failure.

Only one adult out of 10 in the United States feels informed about science and technology, she said. A vast majority of the nation's students decide against science as a major or career. Those who do take courses often retain very little information. Industry leaders are shocked and alarmed.

The problems, Trempy said, run from poorly prepared K-12 teachers to college courses that alternately bore, frighten or alienate students.

"If it was anything like my experience, general science courses in college were equated to long-winded lectures, intimidating tests and non-applicable lab experiments," Trempy said.

To address that, Trempy joined the OSU faculty in 1990, determined to create courses where students acted, rather than just listened. Where they worked together to solve real problems. Where they remembered what they learned. And where students, ranging from philosophy to physical education majors, worked together to share their expertise and learn directly from one another.

These ideas reached their ultimate fruition in one of the University's most popular courses, "The World According to Microbes." It was Trempy's brainchild, and it's working wonders.

The course is taken by a broad spectrum of students from across the University. Academic advisers in several colleges helped fashion a diverse student mix. In the course, small groups of about four students each are required to solve a contemporary, real problem involving microbes.

A group, for instance, was recently assigned to recommend alternative ways to clean up the toxic waste left in mining processes.

They broke into separate roles as scientist, environmentalist, engineer and lawyer. They gathered information from multiple sources, prepared reports and a video, and considered political and legal angles, the economic costs of the issue and the public relations implications. They

created a plan, presented it to the class and defended their conclusions and rationale.

In the process, one team member became so enthralled she decided to change majors from liberal arts to microbiology.

"When done properly, the students learn how to discriminate between fact and fiction," Trempy said. "They experience highly charged public debate relating to a controversial issue. And the barriers, the stereotypes that once separated science and non-science majors get broken down."

"In the past we have forgotten," she said, "that it is the process of acquiring knowledge, and not the knowledge itself, that empowers a person to learn. Students want to become experts and to share their expertise."

An active learning approach does that, she said, and it may hold the key to future jobs, an educated public and scientifically literate citizens.

Measure 47

One of the ballot measures on the Nov. 5 Oregon ballot, Ballot Measure 47, could have serious impacts on higher education.

Ballot Measure 47 would amend the Oregon Constitution and roll property taxes back to the lesser of 1994 levels or 1995 levels minus 10 percent. It would limit tax growth to 3 percent annually on any property and ban fee increases to offset reductions in property taxes.

Such a reduction in property taxes could cut about a billion dollars from local government and school budgets, said Kevin

McCann, OSU director of community and government relations. The state legislature would probably intervene and replace some of the revenue that schools and the local government would lose, thereby leaving less for higher education, corrections and other state programs.

Since the ballot measure prohibits fee increases to partially compensate for the decrease in property taxes, higher education probably could not increase tuition to raise funds internally.

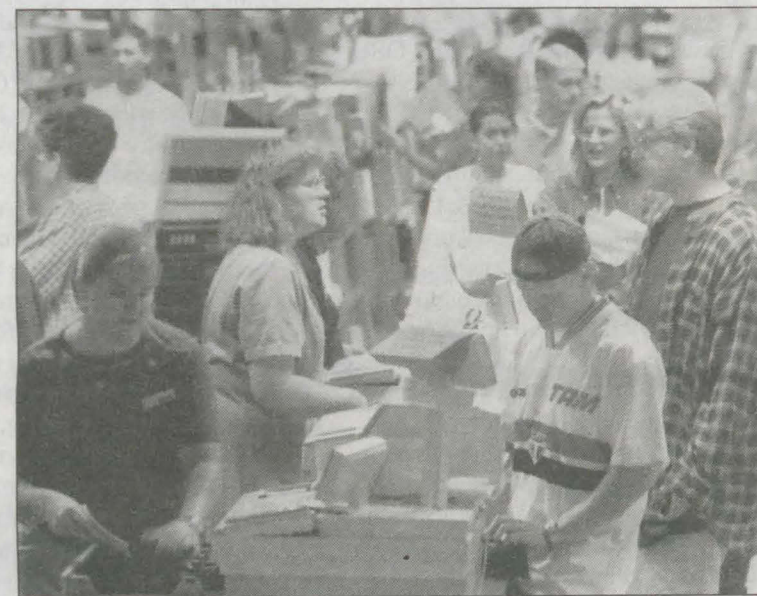
"The potential negative impact on OSU could be very dramatic," said McCann.

Enrollment Drops Again

OSU's fall term enrollment is likely to be near 14,000, slightly less than last year's enrollment of 14,161, estimates Barbara Balz, OSU registrar.

Final enrollment figures are not available, but the registrar's office anticipates about 1,900 incoming freshman, 1,100 new undergraduate transfers and 900 new graduate students.

OSU's enrollment reached an all-time high in 1990-91, when 17,689 students were enrolled as of the end of fall term. End of fall term enrollment in 1990-91 was 16,048 and has declined each year since.



Even with enrollment down, students were back in droves to start the fall term, and business was brisk at the MU bookstore. Photo by Barry Schwartz

NCAA Fully Certifies OSU Athletic Program

By Bob Bruce

Oregon State University was added to the list of National Collegiate Athletic Association Division I universities to be fully certified.

The announcement was made by the NCAA's Committee on Athletics Certification, which announced decisions concerning 18 member institutions.

Full certification means a university has demonstrated that it operates its athletic program in conformity with the NCAA's operating principles on rules compliance, academic and fiscal integrity, and commitment to equity.

"We are extremely pleased by the NCAA's certification of

Oregon State," said OSU President Paul Risser. "The recognition acknowledges the tremendous effort made by our athletic administrators, coaches, staff and student athletes to build a program of comprehensive quality."

"In a recent study of academic performance among all universities in the nation, OSU ranked fourth in the graduation rate of its scholarship athletes with a 95 percent graduation rate. That achievement speaks highly of the students and their coaches. We're proud of that success and of our athletic programs."

Thursday's announcements bring to 86 the number of the NCAA's 302 Division I mem-

bers that have completed the certification process.

The process involves extensive self-study and review. The study requires institutions to prepare documentation on athletic department operations and academic progress. A review team, composed of peer administrators from other NCAA member universities, visits the campus to examine the documentation and meet with campus officials. The review team then reports to the NCAA Committee of Athletic Certification, which renders a final decision.

OSU's review team, headed by President John Welty of California State University, Fresno, visited the campus in 1995.

Melissa Butler Finds Family Away from Home at Longhouse

By Amy Hellickson

Melissa Butler strides out from a meeting in Oregon State University's Native American Longhouse beaming with enthusiasm and big plans for fall term.

As the new co-coordinator of the Longhouse, Butler is looking forward to monthly events, social gatherings and the annual Native American Pow-Wow in May. A student who is working hard and achieving personal success, Butler has become a role model for students.

"Any Indian who makes it through higher education is a success story," said Michael McCanna, coordinator for OSU's Indian education office. "But Melissa has been working hard at OSU and finding the area she's comfortable in as well as being active in the Native American Student Association."

Butler, 20, graduated early from Toledo High School and now is in her fourth year at OSU. She is majoring in elementary education, psychology and sociology and hopes to pursue a career in teaching and counseling.

A member of the Siletz tribe, Butler said she enjoys the freedom of college but keeps close ties with her family back home. The Longhouse offered her a place where she could get the best of both worlds.

"We're like a big family here," she said. "The Longhouse is the place we come to between classes to hang out or watch TV. It becomes a place where you have your closest friends, those you take home with you for holidays and schedule classes with."

The Native American Longhouse, chartered in 1970, provides a study center for student use and meeting area for various Indian organizations on campus. Located next to Moreland Hall, the Longhouse is associated with the Native American Student Association and the American Indian Science and Engineering Society, which both meet on a weekly basis. Butler is active in both groups.

Though both Lane Community College and the University of Oregon have similar Native American groups, Butler said OSU has the largest active Indian community.

"Most universities have Native American groups, but

they're not as big as us or as well-used," she said.

Butler is also in charge of planning events such as three tribal visitations scheduled for fall term. Visitations are set up through the Longhouse for Native American high school students interested in OSU. Members of the Longhouse contact these students from Oregon and Washington, give them an in-depth look at campus, feed them lunch and answer questions.

"It's a great way to recruit more students and give them a real feel for our campus," said Butler.

Butler also coordinates other social gatherings, such as traditional celebrations and potlucks. Friends and families who attend make the event like a family reunion, she said.

At the top of Butler's list is the Native American Pow-Wow, sponsored by the Native American Student Association. The Pow-Wow hosts Native Americans from all tribes in Oregon and Washington. Last year, Butler was in charge of inviting various dancers, publicity, organizing raffle items and T-shirts and setting up for the event.

This year's event, scheduled for the third weekend in May, will be held in Gill Coliseum, marking the first year the event has been held in such a facility.

Butler said she was thankful for the donations from different departments, students and the Corvallis community for the Pow-Wow.

Butler hopes to see more involvement in the Longhouse this year, especially in support of a new building to house their facilities.

"The place we're in now is an old army building, and it's not that stable," she said. Butler plans on putting much of her efforts this year into finding funding for a new building.

"The ground our facility is on now was blessed by a sacred tribal leader making this ground sacred," she said. "We're hoping to get enough funds to tear down the old building and replace it with a traditional longhouse."

With no funding available through OSU, Butler said they are looking to outside organizations and grants for help. "It's going to take a few years to even submit a proposal, though," she said.

As for herself, Butler is

looking to get back to her roots.

"The Longhouse is the place we come to between classes"

"I haven't dressed down and danced the traditional dances I learned when I was young in a long time," she said. "I'd like to start doing that again."

Butler is working on her own "regalia" or traditional costume

to wear for such occasions.

"These dresses usually cost a lot of money, so I'm making my own even though it's a long process," she said.

When Butler looks to the Longhouse, however, she is hoping students, regardless of ethnic background, will utilize the facility to satisfy their curiosity and become a part of the organization.

"I'd like to see students come in and get involved in our

activities, not because their teachers have sent them in to gather information and leave," she said. "We're not a report, and we need more active involvement with the Pow-Wow, for example."

Butler will serve as co-coordinator along with Travis Wells through June 1997. She hopes to share with newcomers her insight and confidence in the Longhouse and its growing family.

Larry Roper: Working to Enhance the Student Experience

Larry Roper, who became vice provost for student affairs a year ago July, received the Beaver Champion award. The award traditionally is the last presented on University Day; it is not listed in the program to help maintain secrecy.

President Paul Risser, who presented the award, praised Roper's "very sophisticated" efforts to examine with his colleagues "who our students are, what are their needs, how these needs relate to the support we give them, what is the students' perception of our services, and finally, what our student services should be."

Risser highlighted Roper's recognition that student retention depends largely on the relationships students make with peers and faculty and his unwillingness to leave such

things to chance. Roper is working at enhancing the relationship aspects of orientation and the "co-curriculum," an umbrella term encompassing student activities that complement academic work, Risser said.

Roper spent the past year involving 40-50 people associated with student services in determining what should be done to help students succeed at OSU. Facilitating the creation of Student Affairs' "Campus Compact" meant Roper had less opportunity to put his personal imprint on the document, which used principles of the Carnegie Commission for the Advancement of Teaching as a starting place.

Student Affairs, according to the compact, wants to be held accountable for commitments like creating "a caring community where members value,

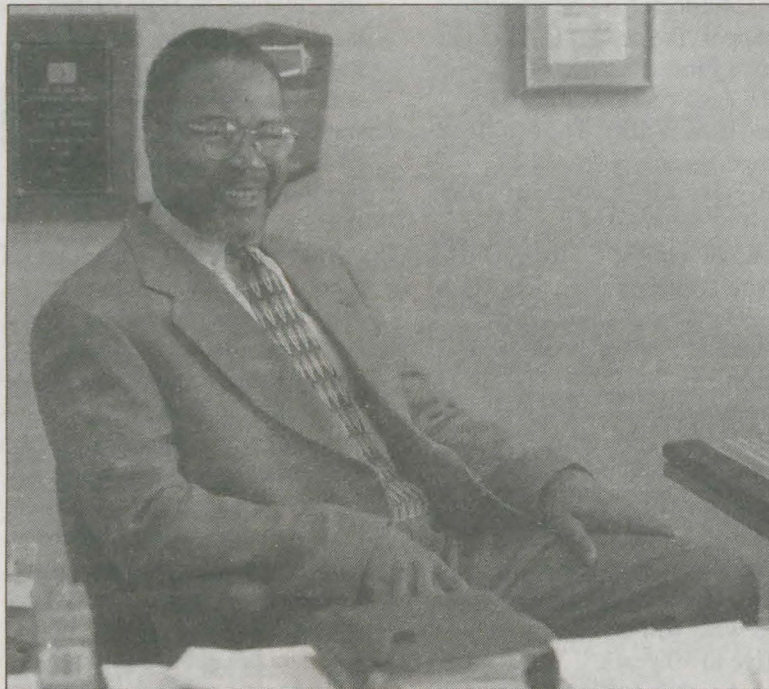
nurture respect and embrace each other; taking responsibility for the well-being of others" and creating "a purposeful community, dedicated to enabling individuals to be successful learners, teachers and leaders in the University and in the larger community."

"Someone has to take responsibility for saying that we will develop a sense of community and ensure that we communicate care."

The language may sound "touchy-feely," but many topics addressed in the compact have practical application to student retention and other critical campus issues. Student Affairs initiatives for the current year, for example, include paying special attention to first-year success, needs for academic support and timely career advising.

"Someone on this campus has to take responsibility for saying that we will intensively develop a sense of community and ensure that we communicate care," Roper said in an interview prior to University Day.

Although OSU always must emphasize quality, a caring environment is also important. "Care can make up for a lot of things," Roper said. "We don't have the potential to solve every student's problems. I would



Roper relaxing in his office. Photo by Barry Schwartz.

Continued on p. 28

Private Funding Helps OSU Center Stay on Cutting Edge of Gene Research

By Rebecca Landis

Private gifts and public funding invested in OSU's Center for Gene Research and Biotechnology, a model for other interdisciplinary ventures on campus, have played a pivotal role in building the center's wide array of benefits to researchers, OSU students, high school teachers and students, and private industry.

From its relatively informal start in the early 1980s, when faculty from the biological sciences and other disciplines gathered to discuss the emerging field of gene research, the center has grown apace with the field's rapid tempo of discovery and broadened applicability to a variety of scientific problems.

Today the center provides cutting-edge technical services to researchers through cost-effective sharing of expensive equipment and creates what its director, Russel Meints, calls "an intellectual umbrella" for interaction among disciplines and collaboration between basic and applied scientists.

"Science has become so complicated it's rare when one brain can encompass a problem," said Meints in explaining why the center "very purposely provides the atmosphere, ambiance and mechanism" to bring researchers together. Outside speakers, seminars, retreats and an annual symposium on campus are Meints' primary tools.

Researchers come from a broad spectrum of colleges and disciplines: not only basic biological disciplines in the college of science but also applied sciences in the colleges of agricultural sciences, forestry, veterinary medicine, food science, pharmacy and oceanography. They are brought together by the desire to understand basic molecular mechanisms in animals, microorganisms and plants and to make use of that understanding to solve societal needs.

Citing a chemist and a plant pathologist who have exchanged ideas through the center, Meints said: "Those two types of people don't (otherwise) walk into the same room very often." When research funds are available, Meints often requires two or more principal investigators and specifies that the funds



Research assistant Anne-Marie Girard works in the central services laboratory.

will go to projects blending basic and applied science.

The center's central services lab and many of the 80 associated faculty members have been housed in the Agricultural and Life Sciences Building since it opened in 1992. Administratively, it falls under the vice provost for research and international programs, George Keller, who Meints called "a driving force behind the center." (See page 5 on Keller's impending retirement.)

The center became a focus of funding in the early 1980s during the FourSight! program, which identified four major priorities for OSU's future. M.J. Murdock Charitable Trust in 1983 provided start-up funds of \$545,000, which were used to hire top-quality researchers earlier than otherwise possible and to provide seed money for research.

Murdock has continued to support the center. In 1993 the trust funded \$361,000 to equip the center's structural image analysis facility. The Murdock trust also has awarded an Exceptional Opportunity Grant to one member of the center, microbiologist Katharine Field, who is analyzing ancient DNA in human and animal hair samples from archeological sites.

Dan Arp, director of OSU's molecular and cellular biology program, said the center's administrative structure contributes to a forward-looking approach. The center, Arp said, is "constantly looking forward to what will be the new wave in five to 10 years."

Another manifestation of the center's foresight is the creation

of an endowment fund, which will cover replacement and maintenance costs of equipment.

Meints said the center is a "small factory" for synthesis of chemical reagents genes, proteins and their constituents. Analytical services include sequencing of DNA, which means uncovering the exact sequence of nucleotides that make up genes. Meints said this is best compared to a string of beads on a chain, all of which have specific signatures and whose order is critical. There is no margin for error, Meints said; researchers cannot safely manipulate genes if the data isn't exact.

Most center members are faculty in Arp's program, an interdisciplinary graduate program whose participants use the central services laboratory. Students, including undergraduates, benefit from the center's attractiveness to high-quality faculty; many share co-author status with faculty who publish in first-rate journals. Arp said students appreciate the center's cross-disciplinary approach and blending of basic and applied science.

Benefits extend to the high school level, where science teachers attend workshops that familiarize them with biotechnologies. Each year six to eight students from Oregon high schools get to experience molecular biology lab work in a 10-week summer program at OSU connected with Apprenticeships in Science and Engineering (ASE). Arp said students not only collect some real data but get a close look at a Carnegie I research university,

which helps them make educational and career decisions.

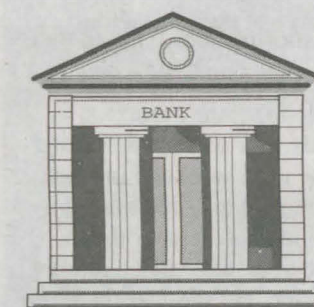
William Proebsting, a horticulturist associated with the center, said he's interested in reaching high school students regardless of their career interests, if only to create educated citizens who can make their wishes known to public policy-makers. Proebsting said he hopes to help teach the connections between classical genetics and molecular biology, plant physiology (how plants grow) and how these things affect our environment through current issues of forestry and fisheries and land use.

OSU's director of technology transfer, William Hostetler, works with many center faculty and sees great potential for patentable and licensable ideas.

"This center is full of ideas that are going to be of benefit to the private sector and lead to commercialization," he said. Patents have been issued on some center projects, and a few already are licensed for use.

Ideas licensed to the private sector based on work of the center's faculty include two fish vaccines developed by JoAnn Leong, chair of OSU's microbiology department.

Meints hopes to telescope or speed up dissemination of knowledge in the same way that biotechnology can accelerate the pace of discovery. "One of the benefits," he said, "is bringing basic discovery to the market place in a more rapid time frame."



YOU CAN "BANK" ON THIS GIFT!

When you support Oregon State University through a Gift Annuity, you receive lifetime income at a fixed payout rate, a tax deduction, and the satisfaction of giving to the OSU program of your choice.

For more information, call 1-800-336-8217 or 541-737-2895 or return the coupon below. Your inquiry is confidential, and there is no obligation.

Sample Rates • One life

| Age | %Payout |
|---------|---------|
| 55 | 5.9% |
| 60 | 6.1% |
| 65 | 6.5% |
| 70 | 6.9% |
| 80 | 8.8% |
| 90-over | 11% |

Yes, please send me information about Gift Annuities

Name _____ Class year _____

Address _____



Mail to: Marianne Barker or Joseph W. Skehen, Charitable Estate Planning
OSU Development Office, 517 Snell Hall, Corvallis, OR 97331-1650



YOUR DOLLARS AT WORK

Two young sisters, wounded in a refugee camp after fleeing Cambodia, never forgot the care and kindness shown them by a camp doctor. Today, inspired by that doctor and with the help of scholarships, they are studying premedicine at OSU.

SreyRam Kuy was 3 and SreyReath Kuy was 6 when their family fled Cambodia. Their father, an engineer, and their mother, a teacher, had to hide their education and identity because, as SreyReath said, "the educated people were the ones they killed first."

The family lived in refugee camps in Thailand and the Philippines. Although life in the camps was hard, and the family was wounded by a stray bomb, one of the most difficult aspects was the fear they would be unable to find a sponsor so they could emigrate. A Seventh Day Adventist missionary group finally sponsored the Kuys and relocated them in Corvallis.

The parents picked up what

work they could after settling in Corvallis but were never able to resume their professional careers. SreyReath and SreyRam Kuy both admit that without scholarships they would not be able to attend OSU.

Both sisters received a Tom and Faith Norris Memorial Scholarship and the Marilyn Koski Scholarship. The family of Tom and Faith Norris, longtime OSU faculty members, created this scholarship for students of Southeast Asian descent attending OSU, with preference given to Crescent Valley High School graduates. The Koski scholarship, established by the family of Marilyn Koski, a physical education teacher and coach at Crescent Valley, is for graduates from the high school attending OSU.

"We have met the Norris and Koski families, and they are very nice people. Without their help, attending OSU would be extremely difficult," said SreyReath.

SreyRam also was awarded a Chiles Presidential Scholarship and a Who's Who Among American High School Students Scholarship. SreyReath has received OSU Dad's Club and Mother's Club Scholarships and an Alumni Physicians Scholarship.

According to John Irving, director of the OSU Foundation, in these times of rising tuition, the partnership of many people is needed to make education possible for many of OSU's students, such as the Kuy sisters.

When they were growing up, SreyReath and SreyRam helped supplement the family income by picking blueberries, strawberries and tomatoes for local farmers during the summer. They admit it was hard work and seem relieved now to have less physically exhausting jobs—working in the summer and part time during the school year for the U.S. Department of Agriculture.

They also worked hard at school. SreyRam, valedictorian of her high school, laughs and says that she must be a slow learner. "I had to pore really long over the books, while some kids seemed to learn really quickly and didn't have to."

In addition to working and studying, they find time each week to volunteer at the local hospital and a nursing home—

—changing bed linen, helping feed patients and assisting nurses aides. Both girls participated in a church mission trip to Mexico this summer and help with Habitat for Humanity.

SreyReath, a senior biology major at OSU, is active in Mortar Board, Blue Key and the Pre-Medicine Society. She hopes to attend medical school next year.

SreyRam is a freshman majoring in biochemistry and biophysics. She was on the Crescent Valley high school debate team and helped with the school newsletter and magazine. Not only was she valedictorian, but she received numerous scholastic awards her senior year and was a National Merit commended scholar. She was awarded major scholarships from Harvard, Johns Hopkins University and other well-known universities but chose OSU, based partly on her sister's experience.

"The faculty and staff at OSU are very nice and friendly, and I've always felt very comfortable here," she said.

SreyRam and SreyReath live at home while attending OSU because they find it economical. Both sisters are so busy with

studying, work and volunteering that they have little time for socializing. They do enjoy writing in their free time, and SreyReath received second place last year in the North American Open Poetry Competition.

Life in the United States has not been easy for SreyRam and SreyReath's parents. Their father, who recently died of cancer, worked at Goodwill and other jobs, and their mother works as a hospital cafeteria aide.

SreyReath and SreyRam credit their parents for sacrificing so their daughters would have a better future. And they credit the Koski and Norris families, the Chiles Foundation, the Mother's and Dad's Clubs and other scholarship donors for opening the door to that future by helping make college possible.

Editor's Note: SreyReath and SreyRam Kuy are just two of the many OSU students receiving financial aid to help make their college education more affordable. During the last fiscal year over 1,700 students received scholarships administered through the OSU Foundation. The total value of the scholarships was more than \$2,243,000.

OSU Dean Kicks Off OSU Over Lunch Series

By Mark Floyd

College of Health and Human Performance Dean Timothy P. White, a nationally recognized expert on personal fitness, spoke in Portland Sept. 26 about the importance of daily physical activity in the lives of Oregonians.

White was the first speaker in this year's OSU Over Lunch series, a program designed to bring Oregon State University faculty to Portland to share their expertise with the general public.

New studies have shown Oregonians to be the nation's most active people, but not everyone has jumped on the fitness bandwagon. White discussed the importance of daily activity and analyzed the Surgeon General's landmark report on physical fitness and what it means to individuals, businesses, education and public health programs.

White is past president of the American College of Sports Medicine.

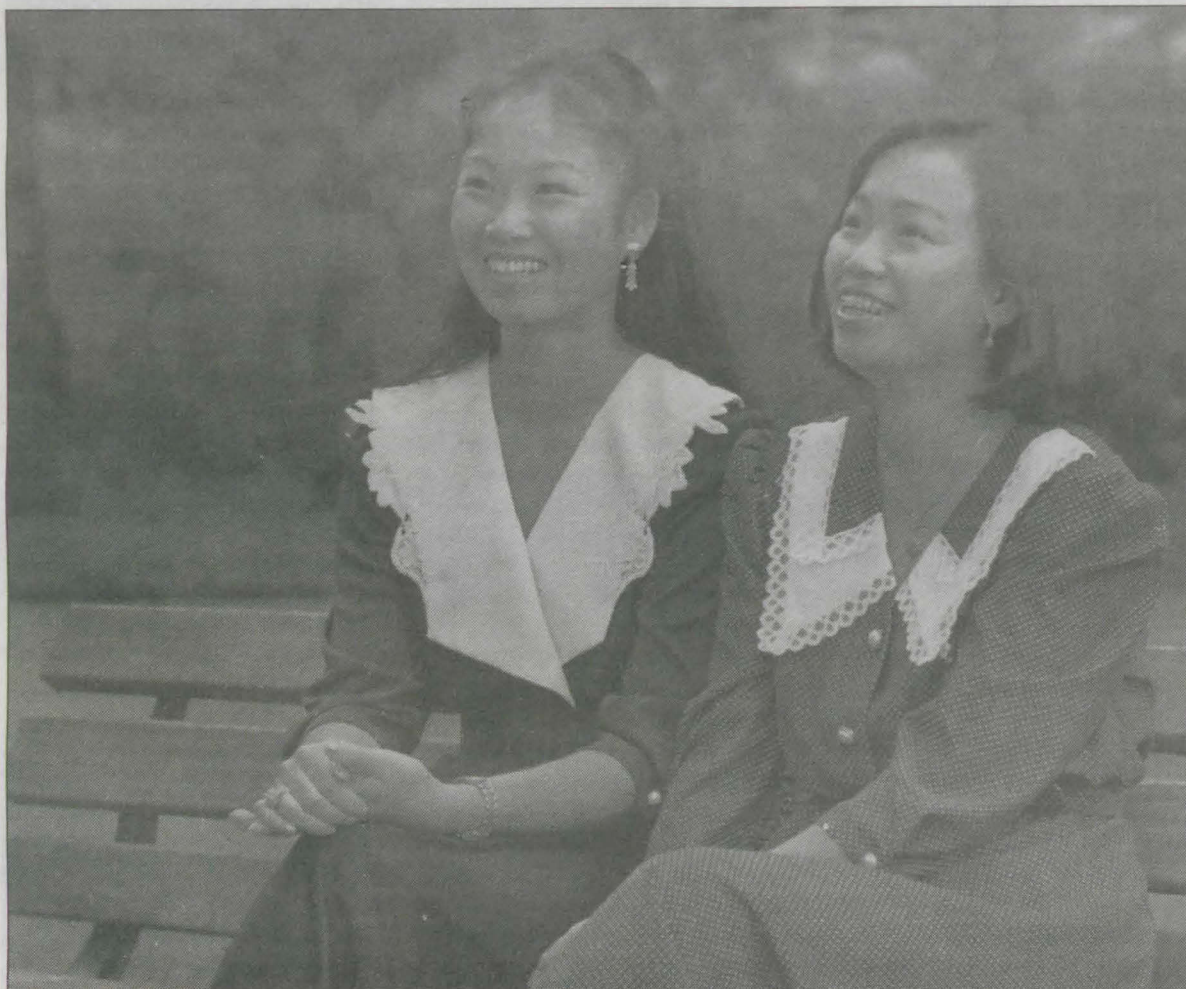
Other speakers in the series include:

Charles Rosenfeld, OSU professor of geosciences, will discuss earthquakes, floods and volcanic eruptions—and how technology is being used in disaster mitigation and relief efforts—during his talk, "Shake, Rattle and Roll: Natural Hazards of the Northwest," Feb. 13.

Members of the Oregon InterACTION! team—a group of agricultural educators, researchers, growers, processors and others—will discuss the results of their challenge grant from the W.K. Kellogg Foundation to develop new ways to educate those who run the complex worldwide food systems. The presentation is scheduled April 10.

Donald F. Parker, dean of the OSU College of Business, will discuss the outlook for labor in Oregon into the 21st century and its implications for Oregonians, business and education in his talk, "Preparing Tomorrow's Work Force." Parker will speak June 5.

For reservations or more information on the last three talks in the series, contact the OSU Portland Center at (503) 725-5757. The center is located at 220 S.W. Yamhill.



SreyReath Key (left) and SreyRam Kuy are studying premedicine at OSU, thanks to the help of scholarships. Photo by Barry Swartz

Director's Column

The school year started just a few weeks ago, and already we're having one of the busiest falls we've had in a long time.

Just a concrete slab a few weeks ago, the new CH2M HILL Alumni Center across from Parker Stadium is rapidly becoming a reality.

All the steel is in place and the walls and roof are beginning to take shape. On paper, the new center looks impressive, but when you actually go over and see the building, it becomes even more so. I am confident to say that when we open our new facility next year, Oregon State will have one of the finest alumni centers in the country. There are giving opportunities still available for alumni and friends of OSU who want to help make the new building a reality. Already, thousands of alumni have participated.

Without this very generous support, there would be no alumni center, since the entire project is being financed with private dollars.

The one large piece of financing that has not been secured is the gift for the ball room/banquet facility that will anchor the east side of the building. We welcome any and all inquiries regarding this important part of the construction project. The total cost is \$1.5 million, and the Alumni Association will be happy to discuss the project with any potential donors.



Don Wirth, '61

For alumni with access to the World Wide Web, our home page features a way for alumni to watch the alumni center as it is being built. Here's what you do. First go to the front door of OSU's home page at <http://www.orst.edu/index.html> under *Main Campus*, click under *Alumni and Friends*, then click on *Alumni Association* and *Construction Photos*. We update this section at least twice a month to allow alumni a reasonably up-to-date look at center construction.

A few days after you receive this issue of the *Stater*, it will be time for Homecoming weekend and all the many activities that happen only at this time of the year.

In addition to the many fun events we will be hosting that Friday and Saturday, including reunion activities for the Class of 1956, we also will be celebrating the 50th anniversary of the alumni barbecue with tasty barbecue sandwiches, an assortment of beverages, live music and great Beaver spirit. OSU President Paul Risser and his wife, Les, will be joining us, along with

mascots Benny and Bernice, the Rally Squad, and hundreds of Oregon Staters, many of whom have made the alumni barbecue a family tradition and return year after year.

Since 1990, the number of people attending the barbecue has grown to the point where we are now feeding just under a thousand, so make plans to join us. If you've attended all 50 barbecues or have never been to one, we would love to have you stop by. Just look for the large tent west of Parker across the street from the College of Veterinary Medicine (Magruder Hall) and just behind the women's softball field. The times are from 11 a.m. to 1 p.m., and the cost is \$6 per person.

Homecoming is also the time we sponsor our Alumni Fellows program, the purpose of which is to bring back to campus distinguished alumni to serve as role models to the campus community. On Homecoming Friday, each Alumni fellow is presented with a silver bowl at special ceremonies in the Memorial Union. As always, all alumni and friends of OSU are invited to join us at these special gatherings. This year, we are honoring artist Larry Kirkland and chemist Roy Teranishi. Both have achieved international reputations in their fields, and both have, through professional and personal achievement, brought great honor to Oregon State. Their stories can be found on the next page of this issue of the *Stater*.

Club News

Anchorage: The Anchorage Alumni Club hosted a reception for admitted students from Alaska on Sept. 8 at the Anchorage Hilton. Approximately 40 students, family members and alumni enjoyed an evening of refreshments and fun! Thank you to the Oregon Staters who assisted with the event, including Jeff Manfull, '81; Rebecca Parker, '73; Peggy Robinson-Wilson, '72; Everett Robinson-Wilson, '71; and Dirk Willis, '82. A note of special thanks to George and Brenda Wuerch, '57 for their extraordinary display of "Beaver Spirit!"

Bangkok, Thailand: *Upcoming:* On Nov. 30, the OSU Thailand Alumni Club will be sponsoring a reception in honor of visiting OSU officials, including President Paul Risser. Come visit alumni, students and friends as Dr. Risser gives an

update of what's new at OSU. Look for more details coming in the mail or call Dr. Kamphol Adulavidhaya, 66-2-561-3467.

Bay Area: The Cal Faculty Glade was the site of an exciting pre-game gathering hosted by the OSUAA Bay Area Club on Saturday, Sept. 28. Over 150 guests, including the Reser's Fine Foods-OSU Sports Trivia Contest winners, were treated to great food and the opportunity to renew friendships with Beaver fans and friends. Thanks go to Ingrid Burghardt, '86; Todd Gunderson, '82 and Kitty Keenan, '84 for their assistance.

Capital Area: *Upcoming:* The Annual OSU/UO Alumni Fall Fest will be held at the Dominion Hills Recreation Center in Arlington, Va., on Saturday, Oct. 19, 6-10 p.m. Celebrate the Northwest by sampling a variety of uniquely Oregon products, including sausage, cheese, fruit, cider, beer and wine. Reservations are required. Contact Max Clausen, '70, (301) 424-0888 or (202) 586-8217, or Nancy Meyers, '83, (703) 524-0586.

Hong Kong: *Upcoming:* On Dec. 1, there will be a reception from 3:30 to 5 p.m. for all OSU alumni, students and friends in honor of visiting OSU officials, including OSU President Paul Risser. Dr. Risser will give an update of what's new at OSU. Look for more details coming in the mail or call Arthur Wong, 852-2540-0005.

Portland: *Upcoming:* Let us know your ideas for club events and programs! Watch your mail for the OSU Alumni Club survey. We welcome your suggestions and encourage your leadership. With more than 20,000 Oregon Staters living in the Portland metropolitan area, the potential for a thriving club and exciting alumni activities is unlimited! Contact Karrie George, '81, special events coordinator at (541) 737-2351 for more information.

Puget Sound: *Upcoming:* Join Beaver fans and friends for an old-fashioned barbecue prior to the OSU/UW game on Saturday, Nov. 9, from 10:30 a.m. to 12:30 p.m. at the Center for Urban Horticulture. The \$16 per person registration fee includes ribs and chicken, potato salad, baked beans, soft drinks, beer and wine. Don't miss the final away tailgater of the 1995-96 season! For registration information, contact Ian Jennings, '88, (206) 937-3849.

Seoul, Korea: *Upcoming:* The OSU Korea Alumni Club will be sponsoring a reception on Dec. 5 in honor of visiting OSU officials, including President Paul Risser. The gathering will begin at 6:30 p.m. at the Hoam Faculty House of Seoul National University. Dr. Risser will give an update of what's new at OSU. Look for more details coming in the mail or call Dr. Soon Chang Yoon, 82-2-880-6717.

Southern California: *Upcoming:* Did you know that there are more than 3,500 OSU alumni living in Southern California? It's time to harness this source of Beaver energy and enthusiasm! Tell us the types of alumni programs and events that are of interest to you. Consider all possibilities—career networking, new student receptions, athletic gatherings and speakers. The sky is the limit! An OSU Alumni Club survey will be arriving in your mail soon! Simply complete and return the survey by Oct. 31.

Taipei, Taiwan: *Upcoming:* On Dec. 3, the OSU Taiwan Alumni Club will be sponsoring a reception in honor of visiting OSU officials, including President Paul Risser. Come visit alumni, students and friends as Dr. Risser gives an update of what's new at OSU. Look for more details coming in the mail or call Morgan Tsai, 886-2-367-8012.

Tokyo, Japan: *Upcoming:* Nov. 27 is the date the OSU Japan Alumni Club will be sponsoring a reception to honor a group of visiting OSU officials, including President Paul Risser. Join us for the fun as Dr. Risser gives an update of the latest news from Corvallis and OSU. Look for more details coming in the mail soon or call Dr. Yoshiro Tanka, 81-045-814-7230.

For more information regarding the OSUAA Clubs Program, please contact Karrie George, geographic clubs program leader, (541) 737-2351 or send e-mail to: georgek@ccmail.orst.edu.



The CH2M HILL Alumni Center is on track for a spring 1997 completion. The 45,000-square-foot facility on 26th Street next door to the LaSells Stewart Center is about halfway through the anticipated 12 months of construction. Steel is up, construction on the roof has begun and masonry work will start in early October. By the next home football game on October 12, visitors to campus will be able to see how the center will look. The OSU Alumni Association will move into the center in mid-May, with public use slated to begin September 1, 1997. Photo by George P. Edmonstg Jr.

Have a comment about the *Stater*?

Let us know. Our e-mail address is:

edmonstg@ccmail.orst.edu

OSUAA Fall Board Meeting: President Risser Cites OSU Strengths



OSUAA Board Member Ralph Peterson listens to a communications committee report at the fall board meeting. Photo by George P. Edmonston Jr.

"There isn't one reason enrollment shouldn't be skyrocketing," OSU President Paul Risser told OSU Alumni Association board members at the fall meeting on Sept. 6. "The University is more extraordinary than we realize."

He said the University is raising the intensity of its marketing efforts to help get this message out and is exploring ways to improve student recruitment and retention.

"In institutions where recruiting is most effective, alumni are involved," he said.

President Risser also encouraged alumni to find ways to help promote higher education during the next legislative session.

"There's a real understanding that higher education needs more support from the state," he said. "This is a chance for us to have a real impact on the legislature."

He cautioned that one of the biggest potential dangers for higher education are the ballot measures—particularly Ballot Measure 47.

"In institutions where recruiting is most effective, alumni are involved."

Tim Fleischer, Anderson Construction project manager for the Alumni Center, updated the board on construction progress. He reported that the structural steel work was completed, and roofing will be finished the third week in November.

Associate Director Carrie Kinnear said the Association is still seeking a major donor to fund the ballroom. She added that the paver program and fraternity/sorority pledge process are progressing well, and that an additional large gift from CH2M HILL and significant contributions from CH2M HILL and IDC employees have been received.

In other reports by Association staff to the board, it was noted that the Alumni Association is the largest contributor to the presidential scholarship program, awarding 12 presidential scholarships last year and 16 this year. Record attendance was reported at the summer

picnics, and plans are being made to revitalize the alumni club programs. More than 3,000 people have viewed the Association's Web page. Staff is exploring the possibility of creating a voluntary e-mail directory for alumni.



At the football home opener against Montana on Sept. 7, the OSU alumni band didn't have 76 trombones but did have enough to help fill the field with music. Support for alumni band performances comes, in part, from funds provided by the Alumni Association. Photo by George P. Edmonston Jr.

Alumni Fellows to be Honored Oct. 18

Internationally known public artist Larry Kirkland and pioneering food-flavor chemist Roy Teranishi have been named OSU Alumni Fellows for 1996. The public is invited to attend a special ceremony honoring the Alumni Fellows on Friday, Oct. 18 at 4 p.m. in the OSU Memorial Union lounge.

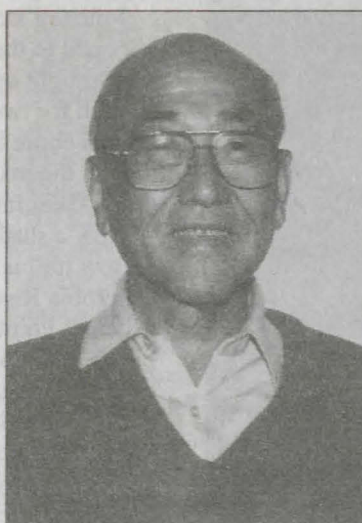
The Alumni Fellows program, established in 1988, is sponsored by the OSU Alumni Association and invites distinguished alumni to campus during Homecoming to lecture and serve as role models for students.

Larry Kirkland has completed more than 100 large-scale commissioned artworks for such places as the San Francisco and Kansai, Japan, international airports, Johns Hopkins University and Putra World Trade Center in Malaysia. His major Oregon projects include a

massive carved marble head in a plaza at Oregon Health Sciences University, the Story Garden playground maze in Portland's Waterfront Park and a granite "equation" in the lobby of the electrical and computer engineering building on the OSU campus.

Kirkland earned a bachelor's degree in art from Oregon State in 1972 and a master of fine arts degree from the University of Kansas in 1974. As a volunteer for many citizens panels involved in the arts, he has helped develop public art programs and standards. He established Art/AIDS, the Oregon fund-raising organization for the long-term care of people with AIDS. In 1992 he was chairman of the community arts selection panel for the federal courthouse in Portland.

Roy Teranishi was research leader of the biocommunications



Teranishi

chemistry research group at the Western Regional Research Center, a USDA Laboratory in Albany, Calif., until retiring in April. Since the early 1960s, he has been at the forefront of the development of analytical techniques for food aroma and



Kirkland

flavor chemical research. He directed the research of 12 scientists involved in studying the chemistry of food flavor and the chemistry of volatile compounds that modify insect and animal behavior. He also collaborated with Linus

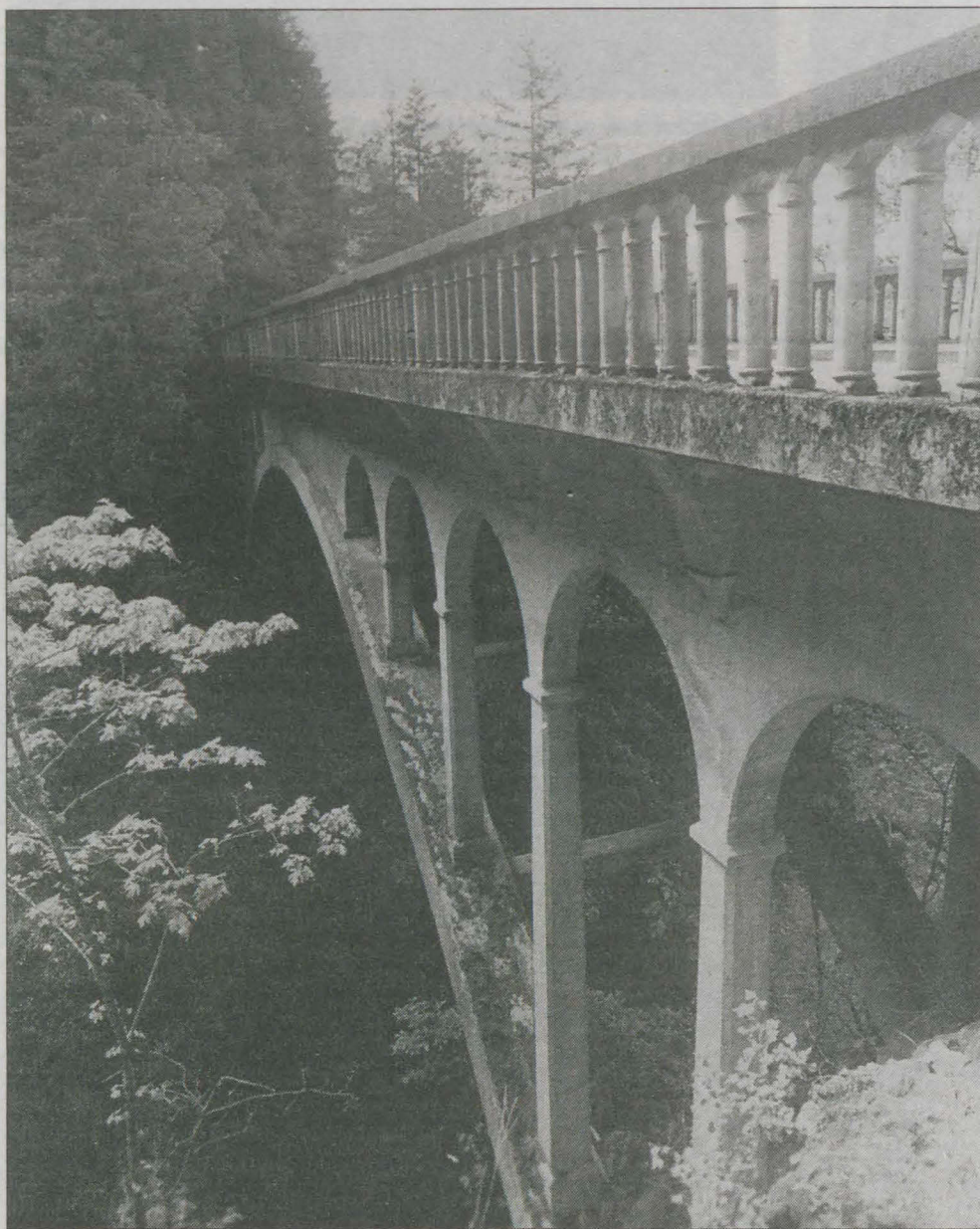
Pauling in designing methods to analyze human metabolic products. He has 180 publications and is principal editor of the three most referenced books on flavor chemistry.

Teranishi graduated from the University of California, Berkeley, with a B.S. in chemistry in 1950 and received a Ph.D. in chemistry from OSU in 1954. He is a frequent lecturer at international conferences and symposiums and has been recognized by the Japanese government and Ghent University in Belgium for his contributions. He received the American Chemical Society (ACS) Award for the Advancement of Application of Agricultural and Food Chemistry in 1989 and is a fellow of the ACS Agricultural and Food Chemistry Division.

Patricia Filip

POETRY IN STONE

STORY AND PHOTOS BY GEORGE P. EDMONSTON JR.



Young Creek (Shepperd's Dell) Bridge, built under the supervision of Sam Lancaster in 1914.

Just a few miles east of Cascade Locks in the Columbia River Gorge, there's a small brown sign on the side of I-84 that reads "Mitchell Point Overlook."

Beyond the sign, an exit road takes you up a hill to a paved parking lot. Here, picnic tables, hiking trails and the Columbia await those who want to linger for awhile.

And you want to linger. As soon as you step from your car, the view takes your breath away. More than any other spot in the Gorge, Mitchell Point affords that rare glimpse of the river where the whole scene begins to take on the appearance of a Norwegian fjord.

Mitchell's cliff walk (dangerous and not open to the public) sits almost 200 feet straight up from the interstate. Wide enough for two horses, it traverses the point's entire length, except for a large hole in the middle where the whole thing drops sheer into a pile of boulders.

Now a shadow of its former self, this narrow trail is all that remains of the old Columbia River Highway around Mitchell Point. Most days, the wind blows hard up here, a swirling, whistling kind of wind that adds a touch of sadness to the place. Something is missing. You know it because you can feel it. Suddenly you know why. Generations of Gorge travelers remembered this place as the location of the Columbia River Highway's great engineering jewel, the Mitchell Point Tunnel or "Tunnel of Many Vistas."

Completed in 1916, it survived for more than 40 years. In the mid-1950s, it was bypassed, then filled with sand and sealed shut. In 1963, the tunnel and adjoining sections of the highway were blown off the side of the mountain

without ceremony as part of the work to complete I-84 to The Dalles.

Sam Lancaster, the consulting engineer who masterminded both the Columbia River Highway and its many features, also created Mitchell, a 360-foot beauty patterned after the famous three-windowed Axenstrasse Tunnel in Switzerland. Mitchell, however, had five windows, each one cut to allow motorists a chance to view the river and the Gorge from *inside* the tunnel.

Travelers also enjoyed the way Lancaster constructed the tunnel to "bow" around the point, a design that increased the amount of outside light illuminating the shaft.

The western approach to Mitchell also was special. First, the highway curved around the point along a sheer cliff. A rubble parapet wall kept autos from falling off. The road then made a straight shot into the tunnel's west portal over a bridge-like cement viaduct wide enough (at least in the early years) for travelers to stop anywhere along its length to take in the view.

Miraculously, two fragments survived the huge blasts and remain visible: a piece of parapet wall about 20 feet long and a small chunk of concrete footing once belonging to the viaduct. But they only add to the sense of loss you feel when you visit Mitchell Point, like standing at Bedford Avenue in Brooklyn, looking up at all those high rise apartments and realizing that here, on this

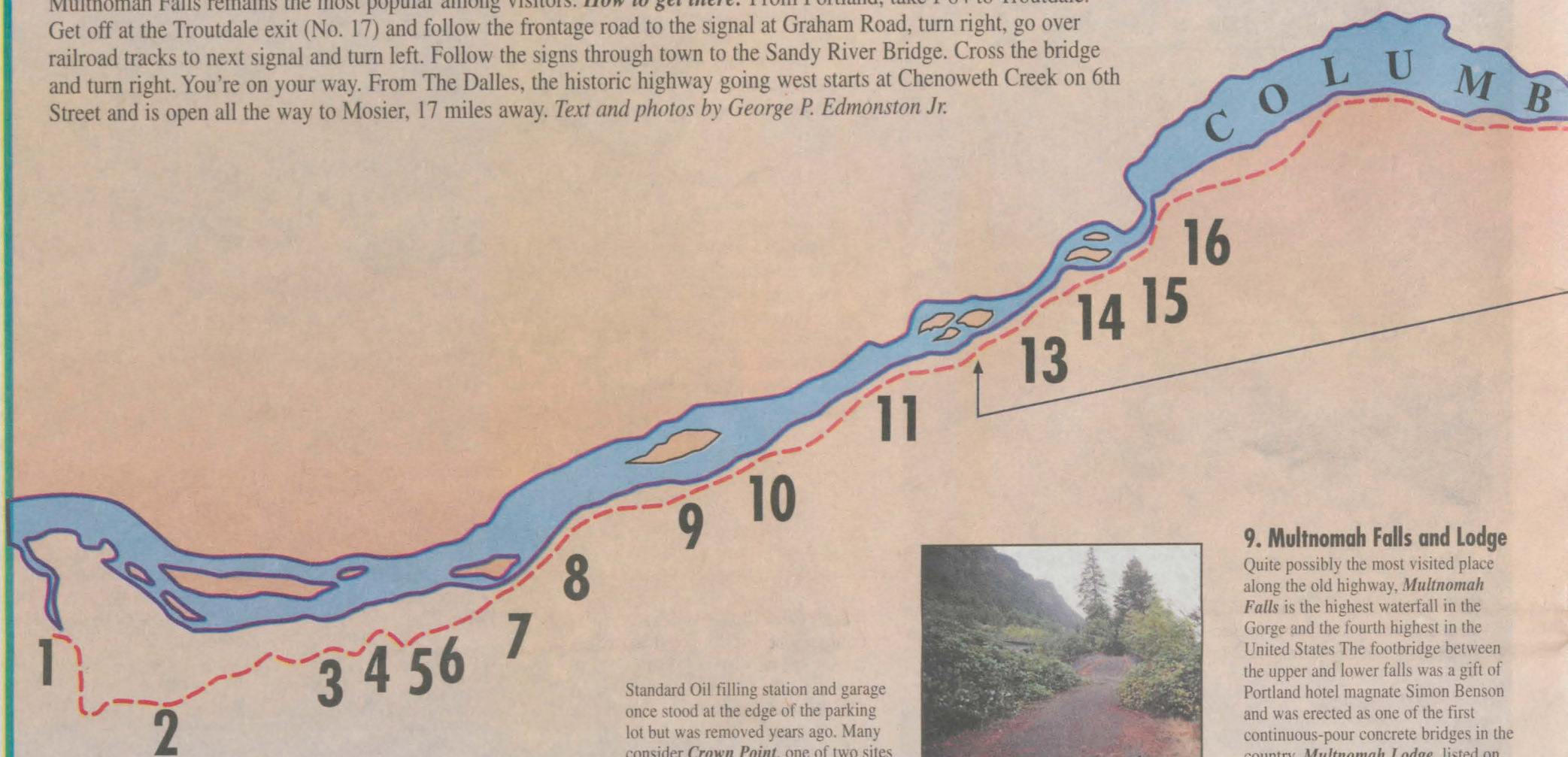
Continued on p. 18

Right: Inside the Mitchell Point Tunnel, just after its completion in 1915. Inset photo shows what remains of the location today.



The Historic Columbia River

When completed in July 1922, the Columbia River Highway extended from Astoria on the Pacific Ocean east to The Dalles, a distance of almost 200 miles. For more than 20 years, the highway was often referred to as America's Premier Highway, "Poetry in Stone," and the "King of Roads." In 1984, it was designated a National Historic Civil Engineering Landmark, and today is officially known today as the Historic Columbia River Highway. President Woodrow Wilson dedicated the new road (even though it was not yet finished) on June 7, 1916. The 32-mile section from Crown Point to Multnomah Falls remains the most popular among visitors. **How to get there:** From Portland, take I-84 to Troutdale. Get off at the Troutdale exit (No. 17) and follow the frontage road to the signal at Graham Road, turn right, go over railroad tracks to next signal and turn left. Follow the signs through town to the Sandy River Bridge. Cross the bridge and turn right. You're on your way. From The Dalles, the historic highway going west starts at Chenoweth Creek on 6th Street and is open all the way to Mosier, 17 miles away. *Text and photos by George P. Edmonston Jr.*



1. Troutdale

John Harlow, a pioneer from Maine, named the town to give attention to some ponds he had dug in the area to raise his favorite fish. Troutdale is the traditional western starting point for the HCRH. The small town is full of reminders of auto-related commerce that developed along the highway. Look for abandoned gas stations, old motels and the *Harlow House* (1900), where the Troutdale Historical Society resides.

2. Springdale

Founded by Danish immigrants in the 1880s. The *Springdale School* and *Springdale Tavern* date from the 1920s.

3. Chanticleer Point

Generations of Portlanders knew this place, now a parking lot with a vista walk along its eastern edge, as the location of the old Chanticleer Inn. It was here in 1913 that Sam Hill held his famous meeting with Multnomah County commissioners and engineers to plan construction of

the highway. After the inn burned in the 1930s, the Portland Women's Forum purchased the property and donated the area as a state park. The view of *Crown Point* and the Gorge from *Chanticleer Point* is truly spectacular.



Vista House

4. Crown Point and Vista House

Sam Hill and his chief engineer, Sam Lancaster, envisioned this high prominence rising 625 feet above the river, as a place for rest and contemplation. And so they constructed a highway right up to its summit, a feat most leading engineers of the day considered impossible. The stone guardrails lining the approach are particularly charming. The 556-foot concrete viaduct that allows travelers to drive around the crest of the giant rock is a civil engineering masterpiece. A

Standard Oil filling station and garage once stood at the edge of the parking lot but was removed years ago. Many consider *Crown Point*, one of two sites used to dedicate the new highway in 1916, to be the crown jewel of the historic road. Designed by Portland architect Edgar M. Lazarus, the *Vista House* was completed in 1918 and serves as an ideal observatory from which to view the grandeur of the Gorge. An interpretive exhibit and gift shop remain favorites for visitors.

5. Figure Eight Loops

Another engineering marvel, this series of loops on the descent from Crown Point allows travelers to traverse the more than 600-foot drop at a maximum grade of five percent and curve radii of not less than 100 feet, construction standards used the entire length of the highway. The road parallels itself five times as it winds through a Cascade rain forest.

6. Latourell Bridge and Falls

This 316-foot, three-span bridge of reinforced concrete was sited and constructed by Sam Lancaster in 1913. *Latourell Falls* is 249 feet high and can be seen from the highway. Along this stretch of the road are excellent examples of stone guardrails and rock barriers, the little touches of artistry that make a visit to the highway such a treat.



Abandoned road in "middle section"

7. Shepperd's Dell

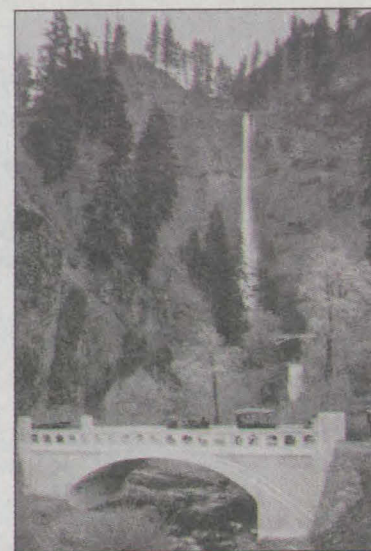
The setting ... the bridge ... a must stop. On the approach the road winds around *Bishop's Cap* and old stone guardrails show motorists where not to go. On the east end of the 100-foot arched bridge, stairs and a pathway lead down to a beautiful waterfall. The view of the bridge from below is particularly nice.

8. West/East Multnomah Falls Viaducts

Building the highway right up to the base of the Gorge's highest waterfall (620 feet) was a must for Hill and Lancaster. But first they had to deal with how to construct the road so that it would traverse the steep talus rock slopes that flank the falls. Reinforced concrete viaducts solved the problem. The west viaduct is 400 feet long; the east 860 feet long. In 1913, this was state-of-the-art engineering.

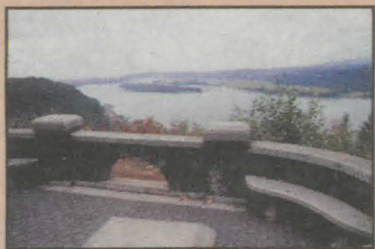
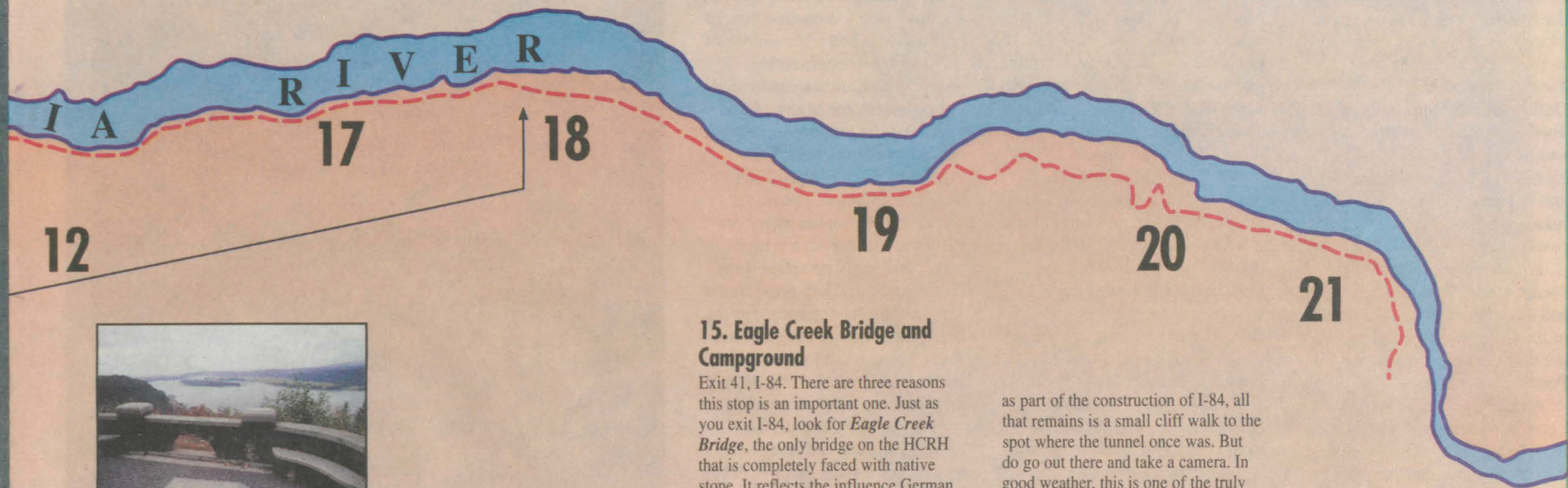
9. Multnomah Falls and Lodge

Quite possibly the most visited place along the old highway, *Multnomah Falls* is the highest waterfall in the Gorge and the fourth highest in the United States. The footbridge between the upper and lower falls was a gift of Portland hotel magnate Simon Benson and was erected as one of the first continuous-pour concrete bridges in the country. *Multnomah Lodge*, listed on the National Register of Historic Places, was designed by Portland architect A. E. Doyle and was built by the city of Portland in 1925 to capitalize on the booming tourist trade that quickly developed along the highway. Food and gifts abound inside the historic building.



Historic photo of newly opened Columbia River Highway at Multnomah Falls, c. 1916. A "Weister Co." photo in Sam Lancaster's *The Columbia: America's Great Highway*, p. 74.

er Highway



Near Crown Point

10. Oneonta Bridge and Tunnel

Here, at Oneonta Creek, travelers encountered the first of several tunnels along the route. As constructed by Sam Lancaster in 1914, the highway at the east end of the *Oneonta Bridge* passed into the 125-foot *Oneonta Tunnel*. In the 1940s the tunnel was permanently sealed and the road rerouted around its northern flank. A new bridge was constructed, and today it sits right next to the old, which serves as both a pedestrian walkway and parking lot. The hill at the east end of the old bridge still houses the tunnel. The *Oneonta Gorge* at this site is a botanical treasure.

11. Dodson/Warrendale

In 1913, as work began on the highway, the villages of Dodson and Warrendale each boasted giant salmon canneries. "Fish wheel" structures built out into the river harvested as much as 60,000 pounds of salmon per hour! Frank M. Warren, a prominent Portland businessman, helped develop the area but lost his life on the *Titanic* in April 1912. The large rock across the river on the Washington side is *Beacon Rock*.

12. Warrendale to Hood River

This stretch is sometimes referred to as the "middle section" of the HCRH and only exists in disconnected fragments. Sections of the road were taken out in the construction of Bonneville Dam in the 1930s and in the building of a water-grade highway in the 1940s, which was expanded to the four-lane I-84 in the 1960s. Of the original 38 miles in this stretch, only 19 miles remain.

13. Moffett Creek Bridge

Another engineering masterpiece! C. H. Purcell, bridge engineer for the state of Oregon from 1913 to 1915, built this beauty the last year he was on the job. When constructed it was the longest (170 feet) three-hinged, flat-arch concrete bridge in the United States. Limited access to the bridge is from I-84 westbound only.

14. Bonneville Dam

Exit 40, I-84. Built in the 1930s, this National Historic Landmark spans 1,100 feet and backs the waters of the Columbia a full 48 miles upstream to The Dalles. A favorite stopping-off place for generations of travelers along the HCRH, there's much for today's visitors to do as well. The *Visitor Center*, a perennial favorite, has underwater viewing areas and plenty of exhibits on the culture and history of the Gorge. And don't forget the *Fish Hatchery*, located right on the grounds. Just on the south side of the dam interchange, the Tanner Creek to Eagle Creek section will be the first to be opened as a hiking and biking trail. The view of the dam along the trail is worth the hike.



Just west of Mosier

15. Eagle Creek Bridge and Campground

Exit 41, I-84. There are three reasons this stop is an important one. Just as you exit I-84, look for *Eagle Creek Bridge*, the only bridge on the HCRH that is completely faced with native stone. It reflects the influence German and Italian bridge designs had on Sam Lancaster. To maximize public enjoyment of the area, Lancaster designed a pedestrian observatory at the west end of the bridge. Just to the south is *Eagle Creek Campground*, generally considered the first U.S. Forest Service campground in the country. Many of the stone walls, fireplaces, restrooms and shelters at the site were constructed by the Civilian Conservation Corps in the 1930s. Also in the area is the *Ruckel Creek Bridge* (1917), a short distance east of the campground on Gorge Trail No. 400. The 80-foot span is in poor condition and is located on an abandoned stretch of the road open only to hikers and bikers.

16. Cascade Locks

Historic portage around this treacherous stretch of the Columbia River gave birth to this small but important river town. *Wa-Na-Pa Street* through downtown Cascade Locks is the historic highway. Between Cascade Locks and Hood River, only fragments of the old road remain, but there is a real treat along the way if you know where to go.

17. Mitchell Point

This was the location of another of the engineering wonders that made the old highway such a delight—the *Mitchell Point Tunnel*. Patterned after the famous three-windowed Axenstrasse Tunnel in Switzerland, this John E. Elliot creation sat 200 feet above the river and featured five windows, cut in such a way that travelers could see the mighty Columbia from *inside* the tunnel. Backfilled in the 1950s and blown off the side of the point in 1963

as part of the construction of I-84, all that remains is a small cliff walk to the spot where the tunnel once was. But do go out there and take a camera. In good weather, this is one of the truly beautiful views of the Gorge. Across the river look for the *Broughton Flume*, which was the last operating log flume in the Pacific Northwest. It is listed on the National Register of Historic Places.

18. Hood River

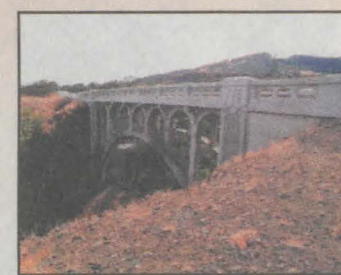
By the time the highway reached here in 1915, there were more than 8,000 people living in this area, a region known nationally for its apples and pears. More recently wind surfing has brought new national attention to this stretch of the Gorge. Just off I-84 at the first Hood River exit, Westcliff Drive includes a section of the old highway that goes past the *Columbia Gorge Hotel*, built in the Spanish mission style in 1921. It is on the National Register of Historic Places. The highway through town featured the historic Hood River Bridge (1918), the longest bridge built on the historic route (420 feet). Sadly, it was removed in the 1980s. Still around and a delight to drive are the *Hood River Loops*, just to the east of the city limits.

19. Mosier Twin Tunnels

Completely restored in 1996 to their 1920 appearance, the Mosier Twins (two tunnels) have a combined length of 350 feet and were constructed from 1919 to 1921. Former OAC civil engineering professor Conde B. McCullough assisted with the original project, along with Ray Archibald, '19, one of his favorite students. Numerous OSU engineers participated in the restoration. An opening date for these beauties has not been announced. The route from Hood River to Mosier, past the Twins, is open only to hikers and bikers.

20. Rowena Loops

This series of switchbacks on the east side of the *Rowena Crest* were constructed to allow travelers a safe ascent and descent from the 650-foot crest at a grade of no more than five percent. "Tin Lizzie" back seat passengers lived in dreaded fear of these loops.



Dry Canyon Creek

21. The Bridges of C.B. McCullough

Beginning with the 110-foot *Mosier Creek Bridge* east of Mosier, C. B. McCullough designed and supervised construction of the remaining three bridges on the historic highway between Mosier and The Dalles. The best of the lot is his 75-foot *Dry Canyon Creek Bridge* near the *Rowena Crest*. (Don't forget to stop here for the view of the river.) McCullough, who was Oregon's state bridge engineer at the time, went on to become one of the world's great bridge engineers. Oregonians remember him as the engineer who designed and constructed most of the bridges along the Oregon coast.

Continued from p. 14

familiar spot of ground, once stood Ebbets Field.

The Tunnel of Many Vistas was one of a half-dozen tunnels motorists passed through on their travels up and down the Columbia River Highway. From west to east they were the Oneonta and Toothrock Tunnels, the Mitchell Point Tunnel, the Mosier Twin Tunnels (counted as two) and the Deschutes Tunnel, located east of The Dalles. By the 1950s, all save Toothrock (completed in 1936 and now used for I-84 eastbound) had been sealed off and bypassed, either for safety reasons or to make room for a newer road.

The new road was called the "water grade." It was more direct and closer to the river. The beauty of the Gorge now was up above, not down below. The trip to Portland was cut in half.

After a time, traffic on Lancaster's road began to thin. In the minds of many Oregonians, the old route became "quaint," then, just plain old and worn out. Weeds began to grow out of asphalt cracks, and bridges, some world-famous, became neglected and bypassed. It was to be expected. The Banfield was

straighter, wider, less susceptible to bumper-to-bumper traffic and easier on motorists in the inclement weather of the Gorge. All in all, the new highway proved a vast improvement over the old, and motorists planned their trips accordingly.

The construction of I-84 in the early 1960s widened and improved The Banfield and delivered more fatal blows to the old scenic highway, including the destruction (as we have seen) of the Mitchell Point Tunnel and the abandonment or removal of large chunks of the highway in the "middle section," between Bonneville Dam and Hood River. Most important were the bridges lost to traffic: the McCord Creek Bridge (1915), the Lindsey Creek Bridge (1916), the Warren Creek Bridge (1916), the Viento Creek Bridge (1918) and the Phelps Creek Bridge (1919).

In 1982, the Hood River Bridge (1918), the longest and most costly span built on the road, was destroyed and replaced.

Today, the Columbia River Highway is officially known as the Historic Columbia River Highway and is the most historically significant 20th century paved road in the

Pacific Northwest.

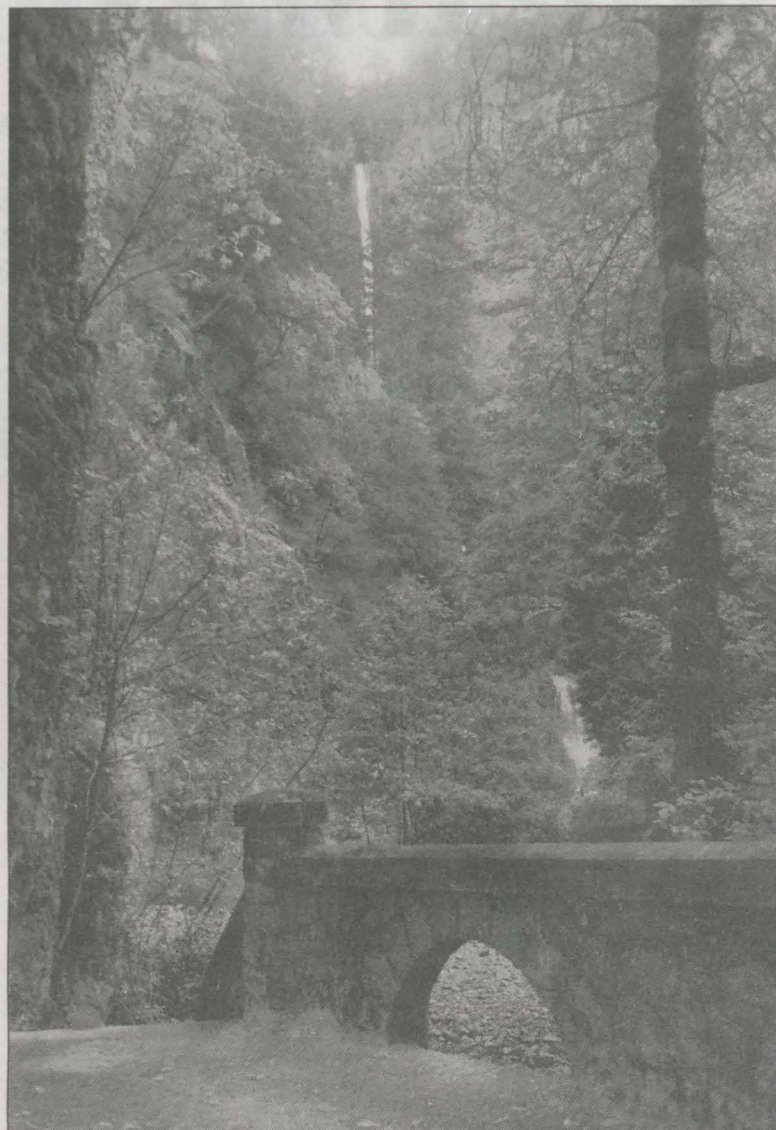
From 1913 to 1922, Sam Hill and Sam Lancaster, along with other Oregon notables (wealthy businessmen and gifted engineers) like John Yeon, Herbert Nunn, Simon Benson, Henry Bowlby, Charles Purcell, J. E. Elliott and C. B. McCullough, constructed a road that was both sensitive to the awesome beauty of the Gorge and a showpiece of early highway engineering.

Hill and Lancaster provided the vision for the highway and remained the guiding force behind its completion. Said Princeton's David P. Billington in a recent Oregon Public Broadcasting documentary on the legacy of the scenic highway: "Hill and Lancaster were like preachers. They presented a very emotional argument for the road ... that this is Oregon, that we're going to add something to the state that will be of national importance ... and pioneering ... something that fits with the image of the state as being pioneering, a work that would be intrinsically interesting in itself."

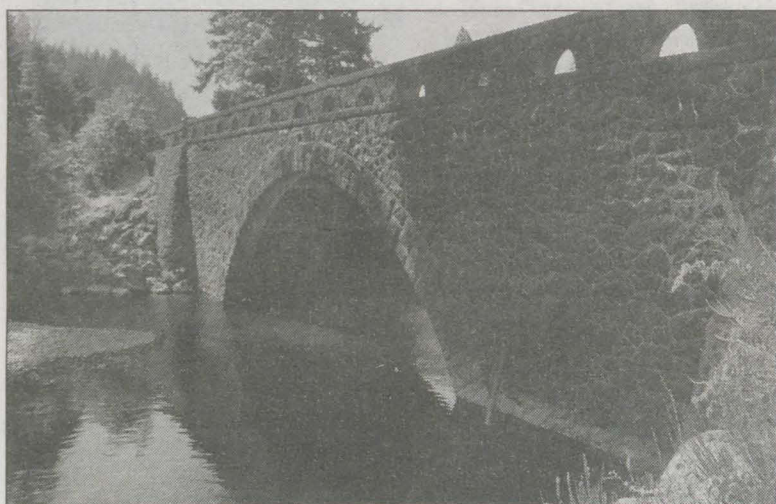
"What Lancaster and Hill were talking about was more than a transportation artery or road. They were talking about a park, a technological park. They believed that if they built a passion into it, that people would sense it ... that the utility of the highway might change but the quality in it would be what gave it permanent value."

Sometimes referred to as the "Father of the Columbia River Highway," Samuel C. Hill was an attorney for the Northern Pacific Railroad and a resident of the Gorge on the Washington side. His career with the railroads brought him a small fortune and gave him the time and resources to pursue his favorite passion: convincing anyone who would listen that good roads were the key to civilization.

And he put his money where



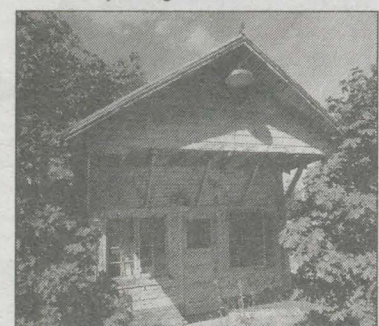
Multnomah Falls



Eagle Creek Bridge, the eastbound exit from I-84 to Eagle Creek Campground, is the only bridge on the old highway with stone parapets and masonry facing.



The west Multnomah Falls viaduct

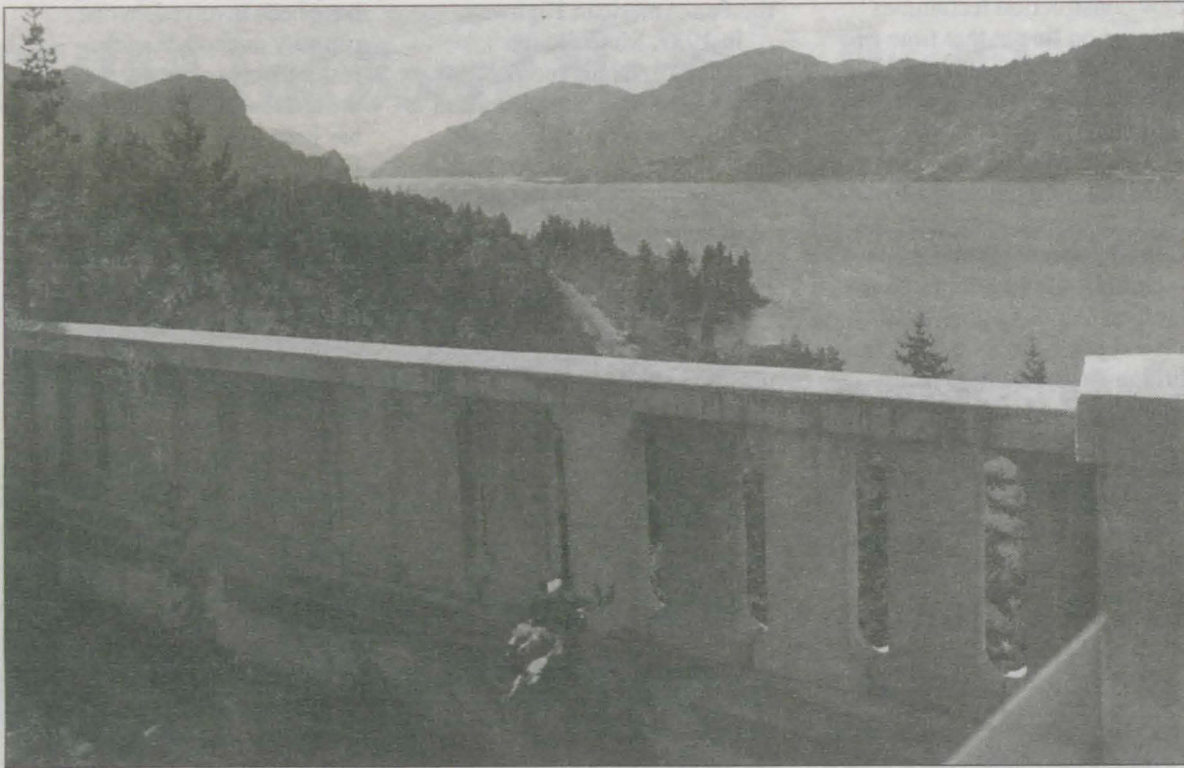


An abandoned store, built in the 1920s, sits along the historic highway (Wa-Na-Pa Street) just east of Cascade Locks.



Oregon Staters Ray Archibald, '19, and Glen Thommen, '79. The tunnel is the restored west shaft of the Mosier Twins.

Photo courtesy of Ken Archibald



The Ruthton Point viaduct



An original rubble parapet wall lines the walk down to Shepperd's Dell Falls, below the bridge of the same name.



Crown Point from Chanticleer Point looking east.

his mouth was, making numerous trips to Europe to study the great highways of Italy, Germany, France and Switzerland. He also experimented with asphalt paving materials on roads he had constructed on the 7,000 acres surrounding his home in Washington, now the huge Maryhill museum that today sits high on the cliffs of the Columbia directly across from the Oregon community of Biggs.

No one knows for sure when Hill first came up with the idea of a paved highway through the Gorge. But in 1906, he found the one engineer who could come out to the Northwest and pull it off: Sam Lancaster.

Already nationally famous as a highway engineer, Lancaster, along with H. L. Bowlby, Oregon's first state highway engineer, accompanied Sam Hill to Europe in 1908 to attend the First International Road Conference. On a trip through the Rhine River valley, Hill told the two men that one day he would build a great highway down the length of the Gorge and that it would feature stone walls and stone bridges and castles and cliff walks and windowed tunnels and all the other things that so impressed him about the aesthetics of the great European roads.

In five years Lancaster would have Hill's dream planned and under construction. By 1916, enough of the road would be completed through the Gorge to hold a dedication ceremony. President Woodrow Wilson did the honors from the White House by flipping a switch that

electronically unfurled an American flag on Crown Point. Lancaster's work was immediately hailed as an engineering wonder, a scenic attraction in its own right. By 1922, it would extend all the way from Astoria on the Pacific Ocean to The Dalles, a distance of 300 miles.

The quality in the legendary highway that would give it the "permanent value" envisioned by professor Billington was officially recognized in 1984, when it was designated a National Historic Civil Engineering Landmark. And if numbers of visitors are any indication, people again are sensing Hill's and Lancaster's passion. Multnomah Falls along the historic highway receives 2 million visitors a year, and traffic counts in other districts are up as well.

Walls and fence railings have been repaired or replaced, abandoned sections of the road have been or are being reopened, and visitor and vista areas are being shored up to meet the growing demand to experience Sam Lancaster's road.

"The inspiration for this restoration work started with a 1981 National Park Service study which, in essence, showed what needed to be done," explained Jeanette Kloos, Oregon Department of Transportation (ODOT) scenic area coordinator for the past 10 years and an important player in pulling the various groups together to work on the project. "The Historic Columbia River Highway is truly an engineering marvel, and its preservation is important in our efforts to protect and preserve the transportation history of the state."

Although restoration efforts have been under way now for more than a decade, it only has been in the last two years that money has been available to complete the showpiece project of the highway's restoration, the reopening of the Mosier Twin Tunnels.

When completed in 1918, the Mosier Twins generally were considered to be second only to the Mitchell Point Tunnel for size, beauty and craftsmanship. As constructed, the combined length of the two tunnels, which sit just yards apart from one another, was 350 feet, a few feet shy of Mitchell's overall length.

And like its famous counterpart, Mosier's longer, east shaft contained two windows and a cliff walk, affording spectacular views of the river almost 400 feet below.

Now beautifully restored, the tunnels are ready for visitors. The area on the west side of the Twins, however, continues to endure falling rocks, and until this situation is under control, the tunnels will remain behind locked gates. After the safety issues have been worked out, the stretch between Hood River and Mosier again will flow uninterrupted, but only for hikers and bikers. The opening date has not been announced.

Kloos says that because the Mosier project is nearing completion, priorities now can shift to other projects, including building trail heads and rock catchment devices where they are needed and reopening bike paths along sections of the abandoned highway between Warrendale and Cascade Locks, which also crosses Moffett and Tanner Creeks.

The Mosier Twins also represent the unofficial starting point for the less-traveled (and often overlooked) eastern section of the historic road, a 17-mile trek extending from Mosier through the Rowena Loops to The Dalles.

In many ways, this is the most beautiful section of the old highway. Here, the view is rocky and wide open, with steep cliffs and deep ravines. In the first few miles, the road meanders through meadows and apple orchards, then rises to the Rowena Crest, where the heights and views of the river are equaled only by Crown Point to the west.

It is also this stretch that holds a very special piece of OSU history.

The story goes something like this: In 1919, civil engineering at OAC was on shaky ground, the result of a six-year period in which Oregon State had watched the Oregon Board of Higher Curricula first eliminate, then reinstate the degree.

The person whose job it was to guide the department through this turbulent period was Conde B. McCullough, the brilliant young engineer OAC President Jasper Kerr had brought from Iowa State in 1916 to head the program. By 1919, however, McCullough wanted nothing else to do with the uncertainties of the board and decided to take an offer in Salem to become head of the state highway department's fledgling bridge division. (Even after his departure, McCullough stayed closely connected to OAC, returning all during the 1920s to serve as an adviser and to teach an occasional night class.)

His first task was to pick a staff. To make the work easy, he returned to Corvallis and hired four of the five graduating seniors in civil engineering: Ray "Peany" Archibald, Albert G. Skelton, P. Mervyn Stephenson and Ellsworth G. Ricketts.

McCullough later said, in a moment of forgivable arrogance, that he did this because he knew how well the young men had been trained ... because he had trained them himself!

By 1920, McCullough and his bridge division (which by this time included additional design staff made up of former classmates and faculty from Iowa State, his alma mater) had designed and constructed 162 bridges in the state, including four important spans in this eastern section of the Columbia River Highway between Mosier and The Dalles. These are the Mosier Creek Bridge (1920), Hog Creek Canyon (Rowena Dell) Bridge (1920), Dry Canyon Creek Bridge (1921) and the Chenoweth Creek Bridge (1920).

McCullough almost certainly called upon his good friend Dexter Smith, an OAC alumnus and civil engineering professor at the College, to help with design during these early years. "Smith brought with him a flare for architectural elements and this complemented well McCullough's interests in bringing aesthetic concerns into bridge design," writes Robert Hadlow, assistant scenic area

coordinator for ODOT's Region I in his 1993 doctoral dissertation at Washington State University on the life and career of C. B. McCullough. Hadlow adds that Smith later submitted a design to the Washington State Toll Bridge Authority for the Tacoma Narrows Bridge that was rejected in favor of one sent by world-renowned bridge designer Leon Moissieff. Tragically, the bridge shook itself to pieces less than three years after its construction, effectively ending Moissieff's career. Smith was brought in again to design the second Tacoma Narrows Bridge, completed in 1952 and still in use.

It is not clear which projects Skelton, Stephenson or Ricketts were asked to do, but documents in ODOT archives show that the precocious Ray Archibald, senior class officer and captain of the 1918 OAC football team, was chosen by McCullough to help in the construction of the Mosier Twin Tunnels, although the young man's age and lack of experience at the time limited his involvement to mainly administrative duties.

In addition to their important contributions in the initial construction of what would one day become a national treasure, work on the Columbia River Highway for the two young engineers served as an excellent laboratory to learn bridge building and to test the many

new construction techniques coming on line at that time as a result of the increased popularity of concrete as a heavy construction material.

This experience was put to good use over the next 15 years in the hundreds of bridges the two engineered around the state, including all the bridges on the Oregon Coast. Late in 1935, their reputations as world-class bridge engineers now firmly established, McCullough and Archibald left Salem and moved to San Jose, Costa Rica, where they worked on many of the bridges on the Inter-American Highway, a road connecting the republics of Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica and Panama. This road eventually became a part of

the Pan-American Highway.

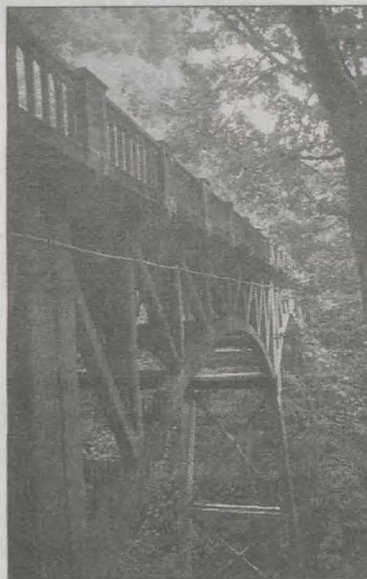
In 1937, McCullough returned to Salem and became both a consulting engineer and author of several widely used textbooks and manuals for student engineers and professionals.

Archibald became one of the top bridge engineers in the Bureau of Public Roads (now the Federal Highway Administration) and is credited with designing and building the first Chesapeake Bay Bridge, the Coos Bay Bridge and most of the important bridges on the Alaska Highway.

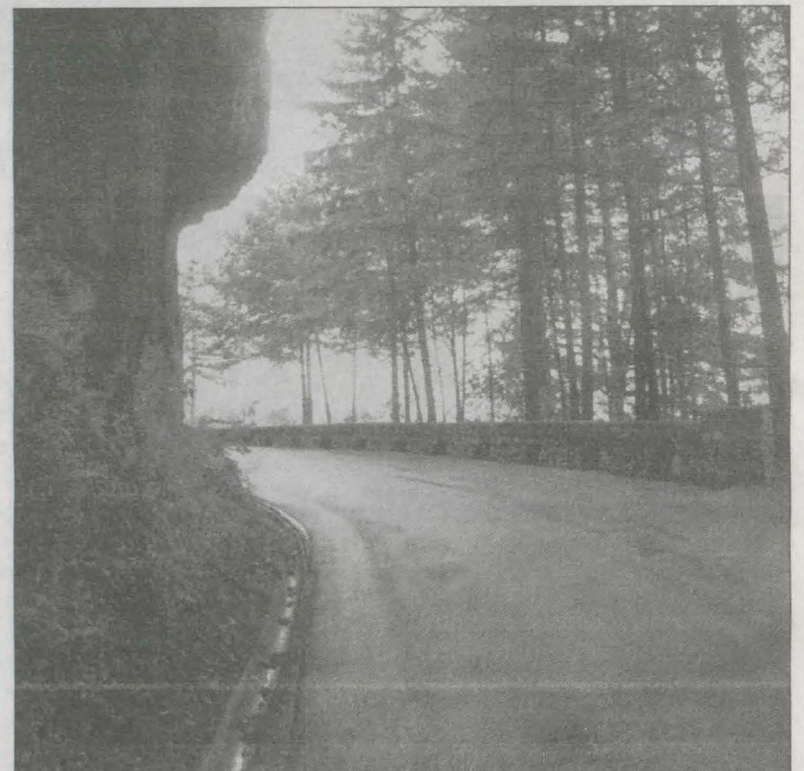
OSU's connection to the highway doesn't end with McCullough and his students. No fewer than six OSU alumni

have been involved, in one capacity or another, in the restoration work under way on the old road. Chief among these has been Glen Thommen, '79, an ODOT bridge engineer who had the good fortune of being asked to do all the historical background work on the Mosier Twins and put together what engineers call the historical structural report, archival research that gives a picture of the construction history of the project.

It was Thommen who discovered (or rediscovered) the McCullough/Archibald connection to the Twins, and it was Thommen who played a part in determining which period the tunnels would be restored to: the



Latourell Creek Bridge



Twelve miles west of Troutdale, the road winds around "Bishop's Cap," a large basalt rock undercut to accommodate the road.



Hikers enjoy the view from Ruthton Point on an abandoned section of the historic highway just west of Hood River. Work here in the last few years has restored sections of rubble parapet wall and the Ruthton Point viaduct, which can be seen from I-84 westbound.



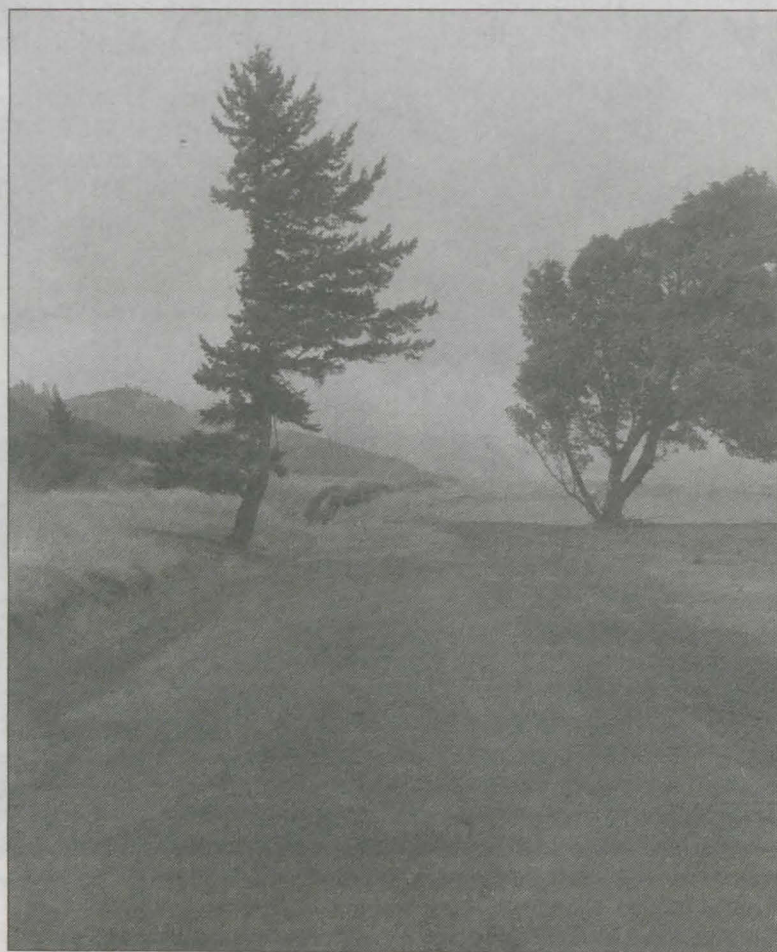
The abandoned Moffett Creek Bridge near Bonneville Dam. When constructed, it was the longest (170 feet) three-hinged, flat arch concrete bridge in the United States.



The Rowena Loops begin their descent from Rowena Crest.



C.B. McCullough and his Dry Creek Canyon Bridge near Rowena. Far right: An abandoned motel near Warrendale. Right: the approach to the Mosier Twin Tunnels.



Posted near the lodge at Multnomah Falls

1919 version, the wider 1920 version or the wider-still 1936 version.

"When we first went up there," Thommen said, "we noticed that brick work for the portals built in 1920 was still there, just behind the masonry work done when the tunnels were widened in 1936. We decided to go with the portals from the 1920s, since this would have been the way they would have looked when the highway was new.

"What we had up there was a big project, and it got to be pretty expensive, so we decided to do half the project, which was to open up the tunnels. This was important, because we had over seven miles of highway in good condition but closed by this little section where these tunnels had been backfilled. You couldn't walk through and make the loop.

"This is a unique section of the road, a really unique site in the Gorge, because you go from the valleys to the high plains. When you walk from Mosier to Hood River on this road you will find in this short section tree species that stop and start, incredible changes in vegetation and so on. With the eventual opening of the Mosier Twins, all this will once again be available to the interested hiker."

Thommen says that the Mitchell Point Tunnel was very much on the minds of the engineers and construction crews who worked to restore the Mosier Twins.

"The Mitchell Point Tunnel was definitely an inspiration, the *creme de la creme* of tunnels. Now it's gone, and so the Mosier Tunnels were seen as the remaining jewel that could be reopened. In essence, it returns the 'tunnel experience' to the highway."

Other Oregon State engineers, including Yin-Lwin Hwee, '85, and Ray Mabey, '87, helped in restoring the tunnels. They all agree that the engineering and craftsmanship initially put into the historic road were done with a great deal of care and that they were very sensitive to this when they first went into the area to begin cleaning out the backfilled Twins.

"The care that was put into the highway ... you can see it in the rails and the walls and that's what we wanted to do with this project ... a quality restoration," Thommen said. "And so we never treated this as a normal job. We really tried to get the contractors to feel the history, to

feel the love that went into the design and construction of the highway. You can look at Lancaster's original plans and when you go up there and see what was done, you can tell there were skilled craftsmen involved."

Restoring the Historic Columbia River Highway is a noble cause, to be sure, and the work being done today, some by OSU alumni carrying on a legacy first put down by an OAC faculty member and his students more than 75 years ago, deserves our special attention. And maybe a visit by those who have rarely or never experienced Hill and Lancaster's paved jewel. Traveling this narrow and winding piece of highway history, it's easy to get caught up in its magic. After a time, the stone walls and two-rail wooden guardrails and cliff walks and half viaducts and all the other little touches that make this road so special begin to take on a life of their own, and the longing for an earlier period becomes almost overwhelming. You begin to look at I-84 far below with contempt and wonder how our grandparents and mothers and fathers could have allowed even a piece of this wonderful road to be lost ... or bypassed.

Surprisingly, many early travelers along the old road, when it was the only way to take an automobile through the Gorge, don't really miss it all that much.

One of these is retired OSU registrar and director of admissions Wallace "Bud" Gibbs, '50, of Corvallis, who grew up in a house in Hood River that was right on the Columbia River Highway. He and his family used the road constantly, especially for frequent trips to and from Portland, where most of their extended family lived.

"The road was very curvy in parts," he recalls. "And it was very narrow, which meant there was a certain element of danger in using it, especially during harsh winters. Even in good weather, it was a two-hour drive and it was a hard drive."

About the "tunnel experience" along the old highway, which causes so many today to grow misty-eyed with nostalgia, Gibbs remembers the tunnels as being narrow and somewhat dangerous. "You didn't dare take your eyes off the road. Those tunnels were very narrow.

Continued on p. 28

CLASSMATES AND FRIENDSnews

'30s

Russ Williamson, '35, is living in Albany and active in a local woodworking club. He recently built a Roger Gorden clock entirely from scratch.

'50s

Charlotte Chalker, '56, has been elected chairman of the Western Washington University board of trustees. She is a Tacoma attorney. **Paul D. Cohn**, '58, retired from a career in nuclear engineering and has published his first work of fiction, a book entitled *Shelee and Me*.

'60s

Richard Pederson, '61, has received the Jack Adams Award, a national award presented by the USDA Forest Service for long-term contributions to the national forests of the Pacific Northwest. He retired from the Forest Service in March.

Steven T. Schenk, '62, is president-elect of the National Council of Examiners for Engineering and Surveying. He is president of the Oregon State Board of Examiners for Engineering and Land Surveying and a consultant in private practice in Lake Oswego.

Kenneth Hilderbrand, '62, is an OSU Extension seafood specialist. He was honored recently by the U.S. Department of Agriculture for his national leadership in educating and training seafood processors about consumer safety rules.

Jane Carter Jones, '64, of Iowa City, Iowa, has been elected to a two-year term as regional director of chapters for Kappa Kappa Gamma Fraternity.

Wade H. Peterson, '64, retired after 30 years with Farm Credit Services serving in management positions in Boise, Spokane, Eugene, Hillsboro and Mount Vernon, Wash. He is beginning a new career as an insurance agent for Country Companies Insurance Group in Mount Vernon.



Robert W. Donaldson, '68, has been appointed by the Republic of Korea to be Korea's Honorary Consul General for Oregon. He has practiced law in Salem and Portland for 22 years.

Skipper Botsford, '68, is a biology professor at New Mexico State University. He is also a runner and has completed 73 marathons and 30 ultramarathons.

Tim Coakley, '69, has been appointed director of finance at Silverton Hospital.

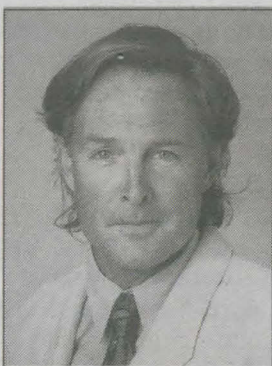
'70s

Steven Easterday, '72, has joined the Port of Portland at the Portland International Airport as an office engineer for airport construction.

Michael J. Keown, '72, has been hired as assistant superintendent for Morrow County School District.

Ronald A. Jee, '73, has joined the Portland office of BRW, Inc. and will manage the company's bridge and structures engineering group.

Dicki Singleton Lulay, '73, is senior director of business development and ingredient sales for Nabisco.



David Blackford, '75, is director of community relations for the San Francisco Spiders, an International Hockey League team.

Paul Killpatrick, '75, is dean of instruction at Mt. Hood Community College.

Rickland G. Asai, '76, is speaker of the house of delegates of the Oregon Dental Association. He practices general dentistry in Portland.

Jim Rucker, '76, and his father Louis Rucker of Arlington have been named Gilliam County

Conservation Farmers of the Year for 1996.

Lt. Col. **Thomas M. Yackley**, '76, has retired after 20 years in the U.S. Marine Corps and was awarded a meritorious service medal. He has been accepted into the ABC Construction electrician apprenticeship program in San Diego. He and his wife, **Claire Zemlicka**, '76, celebrated their 20th wedding anniversary in May.

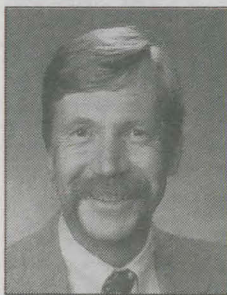
U.S. Marine Corps Major **Patrick J. Ferral**, '77, was awarded the Navy and Marine Corps Commendation Medal, Gold Star in lieu of second award, while serving as operations officer for the Marine Reserve infantry battalion based in Houston, Texas.



Kurt N. Gusinde, '79, received a masters of international management (with distinction) from Thunderbird, The American Graduate School of International Management. Following graduation, he accepted a position as a senior portfolio manager with Banc One Investment Advisors and is living in Dallas, Texas.

Cheryl McLean, '79, and her husband, Clint Brown, have published a revised and expanded second edition of *Oregon's Quiet Waters: A Guide to Lakes for Canoeists & Other Paddlers*. They live in Corvallis.

'80s



Jerry Turnbull, '80, has been appointed Diamond V Mills regional sales manager for Florida, Alabama, Mississippi, Georgia, Tennessee and part of Louisiana.

Cindy Gant, '80, has been promoted to loan officer at Western Bank in Bandon. She and her husband, Steve, a cranberry farmer,

have two sons.

Rock E. Griffin, '80, relocated to Marlboro, Mass., to accept a promotion within Coopers & Lybrand. He is now director of the company's Massachusetts and Rhode Island technology consulting practice.



Brian S. Thompson, '81, is a partner in the law firm of Miller, Nash, Wiegner, Hager & Carlsen and works out of the firm's Portland office.

Frank Girolami, '81, is vice president of marketing for Labels & Lists, Inc., a national provider of political services for campaigns and elections.

Philip R. Baldner, '81, is a new principal at Hickman, Williams & Associates Inc. in Bend and manages the firm's residential development projects.

Terri Kennedy Briggs, '81, of Dublin, Ohio, has been elected president of Gamma Phi Beta sorority.

Mari Moser, '82, is manager of the U.S. Bank Scappoose branch.

Karen Weliky, '82, and her husband, Gary Haight, are dentists in Milwaukie.

Ronald C. Roat, '83, is an assistant professor of journalism and program coordinator at the University of Southern Indiana. His third novel, *High Walk*, was recently released by Story Line Press. His previous novels were *Close Softly the Doors*, published in 1991, and *A Still and Icy Silence*, published in 1993.

Nick Bowers, '83, is a grass seed grower in Harrisburg and a member of the Cornerstone Gospel Singers. He and his wife, Donna, have two children.

Scott and Meleah Ashford, both '83, are living in San Diego with their two children. Scott earned his doctorate in geotechnical engineering from U.C. Berkeley in 1994. After filling a two-year faculty position in Thailand, he is now on the faculty of U.C. San Diego. Meleah is taking an intermission from her engineering career after receiving her master's degree in coastal and hydraulic engineering at U.C. Berkeley and working 10 years in the consulting engineering business.

Mary Jo Rutten, '84, is the new alumni director of Marylhurst College.

James Winters, '86, owns United Energy Inc. in Portland. The company supplies jet fuel to the airline industry and petroleum products to dozens of businesses and hundreds of consumers.

Shannon J. Vergun, '87, has been working non-stop in the feature film industry since moving from the Pacific Northwest to Los Angeles in 1993. She has freelanced as an art department coordinator for Spielberg, Warner Brothers Studios, Walt Disney Studios, Paramount Pictures, Universal Pictures and New Line Cinema. She and her husband, John J. Rutchland III, were married in Maui in May of 1995.

Jeff Pellissier, '88, **Joe Zaniker**, '88, and **Linda Mendenhall**, '89, are co-owners of *Portland Bride & Groom* magazine, expected to debut in December.

John B. Connely, '89, is the author of *C Through Objects*, a computer science textbook published by Scott/Jones, Inc. He is a full professor of computer science at California Polytechnic State University, San Luis Obispo.

'90s

Navy Lt. **Michael D. Bosley**, '90, has returned to his homeport after participating in a six nation maritime exercise aboard the destroyer USS Fife.

Daren Coppock, '90, of Pendleton has been selected as executive vice president of the Oregon Wheat Growers League.

Bill Daley, '90, is an instructor at the Lundquist College of Business at the University of Oregon. He was recognized in his first year of teaching at the U of O by the honor society Order of Omega as one of the top five professors during the 1995/96 school year. He is director of the college's business and industrial sales program.

Navy Lt. **Ernie E. Johnson**, '91, has returned to homeport in San Diego after completing a six-month deployment aboard the amphibious transport dock USS Denver.

Navy Lt. **Dennis R. Mathews**, '91, was recently designated a patrol plane commander.

Navy Lt. j.g. **Cristal B. Caler**, '92, has returned to San Diego after completing a six-month deployment to the Western Pacific Ocean and Persian Gulf with Strike Fighter Squadron 147 embarked aboard the aircraft carrier USS Nimitz.

Gerald Eugene "JJ" Koll Jr., '93, has been named administrator for Lincolnshire Retirement and

Assisted Living in Lincoln City.
Wendy McDonald, '93, of Gold Beach worked for the Peace Corps in the African countries of Lesotho and Mali.
 1st Lt. **Douglas G. Luccio**, '93, is the guns platoon commander for Fox Battery, Second Battalion, 10th Marines, located at Camp Lejeune, N.C. In his free time he has driven to all 48 continental states, logging more than 210,000 miles. He reports he is still working hard, having fun and searching for the ideal woman.
Poppy McCuiston Olson, '93, traveled to Europe for her honeymoon. She attended the International Broadcasters Conference in September, where she represented HDTV publications and presented a visualization workshop as a communications consultant.
Joey Fuerstenberg, '94, has joined his family's business, Vancouver Granite Works, where he is responsible for design, marketing and layout of granite headstones.
Paul E. Stanley, '94, has been appointed assistant professor in the math/physics/computer science department at California Lutheran University.
Melany Lamb, '95, is a conservation agent for the Missouri Department of Conservation.
 Navy Ensign **Sunchai M. Khemalaap**, '95, is deployed to the western Pacific and Indian oceans aboard the guided missile cruiser USS Arkansas.
Keith Goodrich, '95, has been hired as the coordinator of student support services at McKendree College in Lebanon, Ill.

Marriages

Donnie Jenck, '88, and Michelle Bogard; March 23 in Tillamook.
 Wesley Hans Sedlacek and **Carol Aletha Westerberg**, '90; April 20 in Beaverton.
 Storr L. Nelson and **Andrea L. Miller**, '90; April 20 in Beaverton.
William Martin Frainey, '87, and Mary Margaret "Meg" Cardigan; July 6 in Dallas, Texas.
Lester P.J. Burton, '81, and Marisa Carole Cutroneo; June 22 in Chads Ford, Pa.
David Nuss, '84, and Sharon Campbell; July 20 in Portland.
Kimball Edward McKeehan, '92, and Sarah Elizabeth Beasley; July 20 in Aloha.
Bodie K. Shaw, '93, and Heather K. Wray; June 29 in Corvallis.

Robert William Gagnier, '92, and Rachel Elizabeth Woodman; July 13 in Vancouver, Wash.
 Dominic Corsell and **Donna White**, '89; June 15 in San Jose, Calif.
Derrick Donald Cox, '93, and Julie Jo Bostater; June 22 in Corvallis.
 Kenneth Lee Schaffer and **Carole Ann Bennett**, '82; July 28 in Milwaukie.
Jason Alan Epple, '94, and Trisha Christine Weichman; May 18 in Beaverton.
John Baker, '94, and **Leanne Bradshaw**, '89; June 29 in Medford.
Thomas L. Unternahrer, '69, and Sharon L. Rupprecht; March 31 in San Jose, Calif.
Richard Laurence Rice, '83, and Kelly Ann Scott; June 8 in Aloha.
Michael Donnelly Jr., '95, and Devon Wood; March 23 in Portland.
Aaron Michael Kreitzer, '95, and Lisa Carr Travillion; June 1 in Clackamas.
Todd Turpin, '95, and Heather Kliever; June 23 in Medford.
 John J. Marandas and **Walleka M. Pena**, '94; July 6 in Portland.
James Weider, '90, and Sarah Patterson; June 22 in Aloha.
Thomas N. Bonomo, '91, and Margaret Ann Esteinou; June 29 in Manhattan Beach, Calif.
 Jeff A. Williams and **Julie M. Martin**, '87; May 31 in Beaverton.
Joseph James Caldwell, '95, and **Kathryn Heather McGlasson**, '93; July 20 in Portland.
 Timothy John Oppenlander and **Lori Ann Matusch**, '85; July 13 in Beaverton.
 Jeff Corner and **Sue Milne**, '92; July 25 in Salem.
 Curtis M. Christie and **Charlotte S. Macklin**, '89; April 20 in Lebanon.
 Michael J. Orlando and **Kamelia Massih**, '81; July 13 in Portland.
Michael Duane Barrett, '92, and Laurel Ann Kern; July 27 in Beaverton.
Robby Azar, '88, and Nancy Kostrikin; May 25 in Portland.
Kenneth R. Hill and Denise D. Gennett; June 15 in Portland.
 Mark Thomas Didier and **Pamela Marie Herzberg**, '93; July 13 in Sherwood.
George T. Drakeley, '39, and Norma J. Fogg; June 9 in Dallas.
 Rod J. Black and **Jill M. Eby**, '95; June 1 in Portland.
John A. Gregor Jr., '90, and Joy Dalesandro; June 12 in Sacramento, Calif.
Winfield Felton Muffett III, '95, and Terra Lynn DeShazer; May 4 in North Bend.
Bruce Paul Mitchell, '95, and Jennifer Beth Adams; June 22 in Vancouver, Wash.

Wayne Shirley and **Traci Sheldon**, '88; July 20 in Hillsboro.
 Benjamin Nelson and **Kali Lemmon**, '95; June 29 in Portland.

Obituaries

Nola Payne Sloan, '14, of Spokane, Wash., and Troy, Mont., on Feb. 20.
Estelle Chadbourne Agosti, '19, of Moraga, Calif.; July 6, 1987, in Concord, Calif.
Wanda Rosenstock Millard, '22, on Jan. 11. She was affiliated with KAT.
Hutoka Miller Smith, '22, of Portland.
Florence Bedell Badura, '24, of Medford on Aug. 1, 1993.
Lola Jensen Cole, '24, of Santa Rosa, Calif., on May 20.
Pauline Dick Lively, '24, of San Jose, Calif.; April 17, 1995, in San Jose. She was affiliated with KAT.
Harold Tubbs, '24, of Oceanside, Calif., on July 20.
Pearl Schlegel Challacombe, '26, of St. Helens; Dec. 26, 1983, in St. Helens.
Stella Berg Avrit, '27, of Chico, Calif.; Oct. 25, 1995, in Chico.
Helen Card, '27, of Downey, Calif.; October 1992 in Downey.
Frank Kelly Hedges, '27, of Portland; Aug. 1 in Portland. He was affiliated with TC.
Nona Benefiel Yadon, '27, of Seattle; Dec. 17, 1995, in Seattle.
Charles G. Beggs, '28, of Las Vegas, Nev.; Oct. 19, 1993, in Las Vegas.
Mildred M. Haberly, '28, of Moscow, Idaho, on Aug. 7. She was affiliated with DDD.
William Wallace Halsey Sr., '28, of King City; July 10 in King City.
William Edward Brennan, '29, of Portland; Aug. 13 in Portland.
Richard W. Launt, '29, of Goleta, Calif.; Feb. 24 in Santa Barbara, Calif. He was affiliated with BTP.
Mary Geraldine Ingels, '30, of Dufur; March 25, 1991, in Dufur. She was affiliated with KAT.
William F. Cummins, '31, of Oakridge on Aug. 14. He was affiliated with ASP.
Marjorie Stearns Drewfs, '31, of Portland on July 14. She was affiliated with ADP.
George Edwin Armstrong, '32, of Portland; July 25 in Portland. He was affiliated with BTP.
George B. Dague, '32, of Walla Walla, Wash., in January. He was affiliated with LCA.
Elizabeth Crowell Orban, '32, of Pasadena, Calif., on March 1. She was affiliated with PBP.
Lucile Moss Harlow, '33; She was affiliated with AOP.
Elva Marie Widlund Everest, '33, of Santa Barbara, Calif., on Aug. 18.

G. Spencer Reeves, '33, of Lake Forest Park, Wash.; July 16 in Lake Forest Park. He was affiliated with SP.
Rolf Reierstad, '33, on Aug. 3 in Seattle. He was affiliated with DC.
Emerald "Bill" Braaten, '34, of Portland on Aug. 14.
Jack Brysson Greenwell Sr., '34, of Kealahakua, Hawaii; June 3 in Kona. He was affiliated with PGD.
Jesse L. Horn Sr., '34, of Florence, Calif., on July 4, 1994.
John W. "Jack" Taylor, '34, of Sun Lakes, Ariz., on Nov. 24, 1995, in Phoenix, Ariz.
Mary L. Joslin, '35, of Coos Bay; June 22 in Coos Bay. She was affiliated with PBP.
Fred J. Heinrich, '36, on Jan. 17, 1995, in Lacey, Wash.
Marjorie Adele Long, '37, of Portland on Aug. 6. She was affiliated with CO.
William P. McKenna, '38, of Coos Bay on June 3, 1995. He was affiliated with KS.
Boyd E. Miller, '38, of Woodburn on July 6.
Frank Robins Henry, '39, of Myrtle Point; June 21 in Myrtle Point. He was affiliated with DTD.
John William Kerr, '39, of Portland; June 29 in Portland. He was affiliated with BTP.
Karen Fitzpatrick Collie, '40, of Corvallis on July 26, 1995. She was affiliated with KKG.
Howard Elliott Conkle, '40, of Seattle on July 27. He was affiliated with PKP.
Col. Robert E. Phelps, '40, of Melbourne, Fla. He was affiliated with DTD.
Stephen E. Smith, '40, of Portland.
Robert Derwood Smith, '40, of Lebanon on Nov. 17, 1995.
Clair Widmer, '40, of La Jolla, Calif., on Feb. 12. He was affiliated with SPE.
Wallace E. Gordon, '41, of Beaverton on Aug. 14. He was affiliated with DC.
Douglas J. Marsden, '41, of San Carlos, Calif.; Dec. 21, 1995, in Redwood City, Calif.
Charles William Watson, '41, on July 29. He was affiliated with SN.
Mary Conlin Williams, '41, of Palo Alto, Calif.; March 2 in Palo Alto.
William Winslow Jr., '41, of Lodi, Calif.; July 27 in Lodi. He was affiliated with BTP.
Col. Alexander James Kisselburgh Jr., '42, of El Paso, Texas; July 10 in El Paso. He retired from the U.S. Air Force as the base commander of McConnell Air Force Base in Wichita, Kan. He was affiliated with SN.
Edward M. Lang, '42, of Santa Fe, N.M.; March 18 in Santa Fe. He was affiliated with PSK.
Eva June Metzger Kinney, '43, of

Mercer Island, Wash.; Sept. 30, 1994, in Mercer Island. She was affiliated with ACO.
Lois White Cox, '44, of West Covina, Calif., on May 26, 1995.
Robert James Blaine, '44, of Reno, Nev.; July 9 in Reno. He was affiliated with DSP.
Scott MacEachron, '45, of Fort Myers, Fla.; May 28 in Fort Myers. He was affiliated with PGD.
Paul Heidenreich, '46, of San Jose, Calif.
Lorn E. Anderson, '47, on July 4.
Margaret Moser Beckwith, '47; May 7 in Tempe, Ariz. She was affiliated with KD.
Berkley I. Freeman, '47, of Roseburg; July 21 in Roseburg.
Barbara Smith Diana, '48, of Boca Raton, Fla.; June 30, 1992, in Boca Raton.
Bernard F. Fishler, '48, of Portland on July 21.
Allen H. Mullen, '48, of Cedaredge, Colo., on April 12. He was affiliated with PKT.
Charles Cain, '49, of Placentia, Calif.; June 3 in Placentia.
Donald McLean Davison, '49, of North Bend on July 13.
J. Edward Engkraf, '49, of Alta Loma, Calif.; April 16 in Alta Loma. He was affiliated with PSK.
Joan Joseph Kruse, '49, of Carrollton, Texas; July 11, 1995, in Carrollton. She was affiliated with SK.
Michael Karl Petri, '49, of Portland on June 15.
Jacob J. Vollman, '49, of Aptos, Calif.; Dec. 7, 1995, in Santa Clara, Calif.
Warren Philip Welch, '49, of Corvallis; Aug. 13 at Black Butte Ranch. He was affiliated with SAE.
Peter O. Campbell, '50, of Lonerock; April 29, 1995, in Lonerock.
Ben L. Gifford, '50, of Sisters on Aug. 2.
Wallace Ben Huffman, '50, of Wickenburg, Ariz.; July 19 in Phoenix, Ariz.
Wayne M. Russell, '50, of Merlin; July 14, 1993, in Merlin.
Frank Francis Mon, '51, of Oakland, Calif.; July 22 in Dover, England.
Joseph I. Gervais, '51, in Las Vegas, Nev., on June 19. He was affiliated with BTP.
Nancy Davies Ingham, '53, on Jan. 15, 1989. She was affiliated with DG.
James Piutti Edwards, '54, of Portland on Aug. 1.
Janet Woolcutt Heinrich, '55, of Lake Oswego on Aug. 13. She was affiliated with KAT.
Norman L. Wilson, '58, of Selma; July 17, 1995, in Brookings Harbor. He was affiliated with SC.
Lucetta Mullen Pedersen, '59, of Eugene; Jan. 15 in Eugene. She was affiliated with DG.

Carl A. Miller, '60, of Aptos, Calif., on July 28. He was affiliated with PKS.

Dale W. Quinn, '61, of Gig Harbor, Wash.; March 15 in Gig Harbor.

Curtis Lee Adsitt, '62, of Salem on Aug. 6.

Carolyn May Baron, '62, of Eagle Point; April 13 in Eagle Point.

Douglas Elmos Millican, '62, of Portland on July 13.

Thomas Joseph Schneider, '65, of Portland; Aug. 11 in Seattle.

Robert Donald Chiodo, '66, of Portland on May 17.

William Bennett Markley III, '66, of Sodaville; Aug. 11 in Albany.

Mary Anna Gray O'Brien, '66, of Salem on Aug. 4.

Faculty and Friends

J. Alfred Cox of Corvallis; July 11 in Corvallis. He was an associate professor of physical education and an assistant football coach at OSU until his retirement in 1968.

Robert Harold Dawson of Corvallis; June 18 in Corvallis. He was an agricultural economist for the U.S. Department of Agriculture at OSU. He retired in 1985.

Roy A. Foster of Canby; July 17 in Portland. He joined OSU in 1955 and served as a professor of health education until retiring in 1980.

Winifred Heitmeyer on Aug. 9. She was a member of the OSU Council of Regents.

Demetrios George Jameson of Corvallis on June 18. He was a professor at OSU from 1950 until his retirement in 1982. His paintings and prints are included in many permanent museum collections.

Julius L. Kilmer of Corvallis; May 15 in Corvallis. He worked as a machinist on the OSU campus for the U.S. Department of Agriculture.

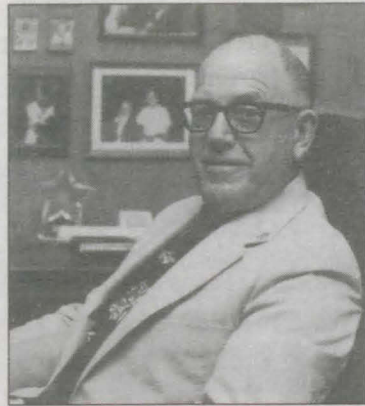
Vivian M. LaGrange of Philomath; July 13 in Corvallis. She worked for the OSU food service department, retiring in 1986.

Stanley Stewart Swanson of Corvallis on July 30. He worked in the Kerr Library at OSU until retiring in 1988.

Stanley E. Williamson on Sept. 22. He was a retired science professor and dean emeritus of the OSU School of Education. He graduated from Nebraska Wesleyan in 1931 and received a master's degree in science education in 1936 from Columbia University and a doctorate from the University of Oregon. In 1946 he became chairman of OSU's department of science education. He was appointed dean of the OSU School

of Education in 1972 and retired in 1975. During his career he had taught and been principal at a Nebraska high school and at the University of Oregon Laboratory High School. He taught special

Dean Papé



H. Dean Papé, '43, Oregon business and community leader and former OSU Foundation president, died July 31.

He graduated in 1943 from OSU with a bachelor's degree in mechanical engineering. While at OSU he was affiliated with Beta Theta Pi.

During World War II he served in Europe as an officer in the U.S. Army Corps of Engineers.

He founded The Papé Group Inc., a capital equipment sales and

science education programs for the University of Hawaii, Ohio State University and the University of Mysore in India. He also had been director of 15 National Science Foundation academic year institutes for science teachers.

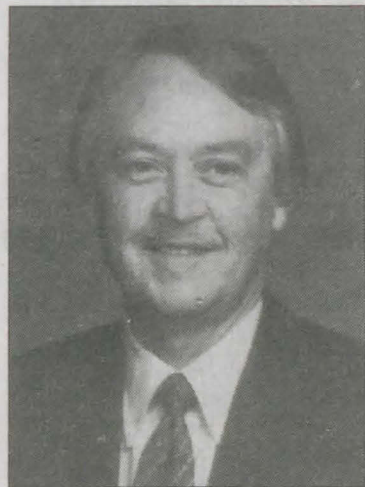
service organization that included Papé Bros. Inc., Papé Investment Co., Flightcraft Inc. and Hyster Sales Co. He also invested in Mt. Bachelor Inc. in Bend. At the time of his death he was chairman of the board at Mt. Bachelor and chairman of The Papé Group.

Papé was a founding member of the New York-based World Business Council and was a director of the Oregon Business Council.

He served on the board of trustees of the OSU Foundation from 1972 until his death and was president from 1983 to 1985. He also had been on the board of the Oregon Health Sciences University Foundation, the Oregon Symphony Association, Oregon Public Broadcasting and the High Desert Museum in Bend. In 1985 he received the Volunteer of the Year Award from OSU.

He is survived by his wife, Shirley; sons, Gary and Randy of Eugene and Terry of Boise; daughter, Dian Tooke of Shreveport, La.; and 14 grandchildren.

Tommy Thompson



Anson Ellis "Tommy" Thompson, '48, died June 14 at the age of 72. He was a research geneticist and played an important role in the development of the Association for the Advancement of Industrial Crops, serving as its first president.

After receiving his B.S. degree in horticulture from OSU in 1948, Thompson earned a doctorate in plant breeding from Cornell University in Ithaca, N.Y. He was on the faculty of University of Illinois from 1951 to 1971, where he taught and

did research on vegetable breeding and genetics. He also was head of the vegetable crops division of the University of Illinois horticulture department and assistant director of the Illinois Agricultural Experiment Station.

In 1971 he became professor and head of the department of horticulture and landscape architecture at the University of Arizona.

He was named one of 30 permanent scientists worldwide for the Rockefeller Foundation in 1976. He later joined the USDA Agricultural Research Service's U.S. Water Conservation Laboratory as national research program leader for vegetable, florist and nursery crops and coordinator of the tropical and subtropical research program. In 1983 he set up and coordinated a new program for ARS on alternative industrial crops in Phoenix, Ariz.

He was a fellow of the American Society for Horticultural Sciences and the American Association for the Advancement of Science.

An endowed fellowship is being established in his name through the OSU Foundation.

Al Hundere

Al Hundere, '38, a San Antonio, Texas, inventor who established the Hundere Chair for Religious Studies at OSU, died Oct. 1 at the age of 82.

Hundere was born in Hamlet, Ore., on Sept. 13, 1914. He graduated from Oregon State College with a B.S. degree in engineering in 1938 and then received a masters of engineering degree from Yale University in 1940.

He established the aviation department at Southwest Research Institute and then in 1957 formed his own company, ALCOR, Inc., an aviation fuel and products company. After selling the two major operating divisions in late 1993, he was semi-retired until his health failed.

He was widely known nationally for developing laboratory tests for the petrochemical industry and for inventing and marketing a mixture control indicator used commonly in the general aviation field.

In 1993 he presented a check for \$1.5 million dated Dec. 25, the birthday of Jesus, to the OSU Foundation to create an endowed chair of religious studies in the department of philosophy. He said he made the gift primarily in recognition of the scholarly work done by Marcus Borg, OSU professor of philosophy and a national leader in historical Jesus studies.

Hundere was a member of Christ Lutheran Church, SAE fraternity and a number of professional organizations.

He is survived by his second wife, Myriam and their children Wendy Hundere, Davis Sprinkle, Lars Hundere and Guy Hundere; children Molly Hundere Catillo, Patricia Hundere and Michael Hundere from his first marriage to Alice Stewart Hundere, now deceased; seven grandchildren; a sister, Elsa Neil; and niece Caryn Nelson.

The family requests gifts be sent to the Al Hundere Memorial Fund in care of the OSU Foundation.



Kenneth R. Palen, '52, (right) works with J.S.K. Ellety of the Ghana West Africa Forestry Department on forest management. Palen was in Ghana with the International Executive Service Corps as a volunteer executive during July and August 1996.



Sixteen Alpha Omicron Pi alumnae met for a recent reunion at the home of Mary Benz Saylor in Portland. Attending were from left (bottom row) Mary Benz Saylor, '67; Jami Kirwan, '67; Susan Calef, '69; Sandy Hollenbeck Burgi, '68; Janice Lane Storey, '69; and Natalie Essig Cantrell, '68; (top row) Linda Bryant Purdue, '69; Candice Slack Piazza, '69; Sheryl Rosvall Van Fleet, '69; Barbara Bierer Long, '66; Sue Saunders Dalrymple, '68; Helen Schulz Green, '68; Janet Pierce, '69; Janet Kerns, '69; Diane Stacey Alexander, '67; and Dee Maag Felk, '68.

ALUMNIprofile

CAP BEARD Oregon State's Legendary Band Director

By Tom Bennett

Harry Lynden "Cap" Beard is best remembered in front of a 50-piece band, directing John Philip Sousa's rousing "Stars and Stripes Forever"—hair askew and eyes sparkling with delight as he motions a row of piccolos to front stage for the thundering finale. It was his perennial concert closer, and it never failed to raise crowds cheering from their seats.

More often, he followed Sousa's cool and dignified style of directing with minimal movements: using only his right arm and never raising it above his belt—swinging it back and forth almost imperceptibly. His lifelong admiration for Sousa enriched his own sense of showmanship and helped him produce, year after year, great performances for audiences throughout Oregon. In later years the band also broadcast weekly concerts over the campus station, KOAC.

His Oregon State bands always were impressive—well-disciplined, well-groomed in snappy black military uniforms with smart Sam Browne belts across the chest—and so musically masterful that they were in great demand at concerts throughout the state and at three world's fairs: Seattle in 1909 and San Francisco in 1915 and 1939.

Though small in stature, Beard was a commanding

figure on the podium. His firm, military manner, combined with a genuine empathy with the concerns of student musicians, endeared him to generations and made him into a legend that lives on today—half a century after his death.

But as important as he was to the band he so dearly loved, he also is acknowledged today as the founding father of Oregon's high school band program. Early on, he saw the educational benefits of organized musical training and spent years urging school systems to replace the informal, student-led "pep" bands, then common, with permanent concert bands. In 1924 he held the first statewide high school band contest in Corvallis. Three of the six bands then existing in Oregon participated. After 1933, the contests alternated between Oregon State and the University of Oregon.

It's not surprising that bands were so important to Harry Beard. He was born in 1879 during the golden age of the military band—from the Civil War to the late 1920s.

Since there were no radios, good recordings or sound movies at the time, band music was the public's favorite entertainment, and every town had groups of amateur musicians who provided it. A small brass band was easy to equip and could provide a lot of volume and excitement. Prime attractions were the great

national bands that traveled the country, and the pop stars of the time were the great band directors: Gilmore, Pryor and Sousa. Small boys were practicing screechy horns in barns all across America with the dream of following in their footsteps.

Young Harry Beard was banished to a barn in Tangent, a little railroad town nine miles east of Corvallis, where his father was postmaster and the family boarded railroad men. While in high school he played in the Tangent Band and, at 16, entered Oregon Agricultural College in 1895 to study mechanical engineering and play solo trumpet in the military cadet band run by student musicians. In 1897, at the end of his sophomore year, he became the band's leader.

While at OAC, Beard was frugal, living with other students and doing odd jobs and janitorial work in Corvallis. On weekends he walked the nine miles back home to Tangent and returned on foot to the campus each Sunday evening. "By then I had had several square meals, which helped a lot," he liked to tell later.

The Spanish-

American War began during his senior year, and in 1899, he enlisted in the U.S. Army to serve in the Philippine Islands during the insurrection that followed the war. He spent two years there as assistant bandmaster of the 35th Infantry Band.

One of the legends that persisted throughout Beard's life was that his nickname "Cap" came from the military rank of captain earned in the service. Actually, he never received an Army commission. The name comes from his title as cadet captain and leader of the Cadet Band.

The interlude in the Philippines had a strong impact on Beard's life. It exposed him to talented musicians he might never have met and provided an effective model he would later use for the style and deportment of his college bands.

Returning to OAC in 1905, he became a mathematics instructor—and was assigned to be the first official bandmaster of the reorganized Cadet Band. After World War I it would become the ROTC Band.

At first his bandmaster's duties were almost

incidental to a heavy teaching load of algebra, trigonometry and calculus. Moreover, he received no extra salary for directing the band and had to buy much of the music out of his own pocket. But the band became his own domain from the start, and he was free to build it into a top-notch organization. Following Sousa's lead, Beard applied his military training to his handling of the band. Despite his size and generally mild manner, he always expected—and received—attention and respect from the bandsmen.

"When Cap Beard stood up and raised his hands, everybody paid attention and gave him their best," says Bob Yocum, '47, who played clarinet in the band before World War II. "Cap always knew what he wanted and was definitely in control," says Bob Adams, '48, who played cornet in the 1942-43 band, "But he was not a strict disciplinarian."

Tom McClellan, '45, who played first chair trumpet in the war years, said Beard "could sympathize with someone whose performance was suffering from problems away from the band, but if it was a musical problem, he could be rigorous." And he effectively knew how to discourage people from cutting up or playing pranks.

While he almost never resorted to shouting in rehearsals, he had a devastating and penetrating glare that could send shivers down the spine of an offending player. And rarely would he single out an individual to blame when something went wrong. He'd reprimand a whole section, knowing that everyone concerned knew who was guilty.

Beard himself was a great trumpet player, and stories about his skill and control of the instrument abound. He would lay his trumpet on his palm, raise it to his lips without any pressure and play high C above the staff. Those who saw him do it are still amazed.

Because of the times, and the fact that the ROTC was then strictly a male organization, Beard had little opportunity to have women in the band. But in 1931, *The Orange Baton* reported that he had invited two



Top row: Stan Rondeau, Tom McClellan, music chair Marlan Carlson, Elliott DuBois and Russ Williamson. Front row: Yvonne Hollenbeck Smith, Bea Leonard Vandiver and Bob Yocum.

Photo by Barry Schwartz



Photo courtesy OSU Archives

Continued page 28

Alumnus Saves Historic Train Depot

About halfway between the OSU campus and downtown, an old wooden Southern & Pacific depot stood empty and alone last year, its younger, fancier stone cousin already serving elsewhere as a restaurant after two moves. Other potential buyers wanted to replace the older depot with something new. But to architectural engineer Gary Feuerstein, '72, it was a chance to preserve a building that "characterizes the most optimistic period in Corvallis and Benton County history."

Beyond the peeled paint, Feuerstein saw a rare example of "Swiss chalet" architecture and a window onto an intriguing chapter in local history. In late 1995 he and partners bought what is thought to be the oldest two-story wood-frame railroad depot standing in Oregon, built in 1887 for the Willamette Valley and Coast Railroad (also known as the Oregon Pacific Railroad Co., its parent company), which built a line to Yaquina Bay in the 1880s.

Three key railroad backers — T. Egenton Hogg, William Hoag (Hogg's brother, who spelled the name differently) and Wallis Nash — also led the fund drive to build Benton Hall and secure the state agricultural college's place in Corvallis during its separation from church control. Of the three, Nash, who helped mold the college in the late 19th century as secretary on the first OAC board of regents, had the strongest ties to the college. (For more on Nash and the Hogg/Hoag brothers, see the April 1994 and June 1994 issues of the *Stater*.)

Feuerstein is perhaps most intrigued by T. Egenton Hogg, a colorful yet mysterious promoter who arrived in Corvallis in 1871, managed to raise at least \$11 million and possibly \$15 million but failed to produce the transcontinental link that would make Corvallis the state's crossroads of commerce. He took Corvallis and investors from New York and England for an exciting but bumpy ride ending in a series of receiverships and, eventually, Southern Pacific ownership. Several million dollars were never accounted for.

Commissioned as an "acting master" by the Confederate

Navy after one spectacular success as a privateer, Hogg led an abortive attempt to commandeer an American steamer and was sentenced to death. The sentence was commuted to life and shortened by amnesty to 18 months in Alcatraz and San Quentin. Hogg allowed locals to call him "Colonel" and told them he had been taken prisoner and hospitalized on Alcatraz.

Endex Engineering, Feuerstein's firm, is no stranger to train stations or projects of historic proportions. Endex had moved the 1911 depot in 1982-83 to a site on the north end of downtown, where it serves as Michael's Landing restaurant. The firm also worked on the 1985 move of the 1872 Dillard depot to the Douglas County Museum site.

Feuerstein and his partners are not afraid to invest their own money into a project and to wait years for earnings. He said this practice buys him a greater

measure of control. The depot came with 8.67 acres of land, and the partners are interested in creating a "neo-traditional" neighborhood of pedestrian-friendly streets and mixed residential, retail and light industrial uses. Since this concept will require time-consuming land use changes, they have concentrated on basic preservation work, including a new roof, window repair, floor leveling and foundation work.

Existing buildings are resources that should be reused and weaved back into the fabric of a community, said Feuerstein, noting his alignment with the New Urbanism movement in city planning. New Urbanists hold that the mixed-use style of community organization that was common earlier this century can be adapted to save modern cities from sprawl.

It may seem strange to hear such talk from an engineer. But it's not so out of character for an

engineer whose Web site quotes from Shakespeare's King Henry IV. In Feuerstein's excerpt, the Bard, who lived in a climate much like that of western Oregon, describes a partly completed building as: "A naked subject to the weeping clouds, And waste for churlish winter's tyranny."

Early in Feuerstein's career, he grasped a chance to manage restoration of two historic structures owned by Benton County, which was on the leading edge of preservation efforts nationally and in Oregon. Before working as facilities manager for the county, Feuerstein had worked in private firms and had done construction work in and after college.

Existing buildings are resources that should be reused and weaved back into the fabric of a community

The two buildings were the long-abandoned 1867 Philomath College building, Oregon's third-oldest college building, which was restored for use as the Benton County Historical Museum; and the 1888 Benton County Courthouse, Oregon's oldest active courthouse. "It's impossible not to fall in love with that building when you get to know its status in the community," Feuerstein said of the courthouse, which has been honored by the U.S. Parks Service and the National Trust for Historic Preservation.

When both projects were wrapped up, Feuerstein decided to start a private firm, something a little less structured than working for the county. Endex, formed in 1980, strives to remain close to the construction phase rather than simply working with an architect on the front end. Feuerstein said few other firms of this size (13-14 people) do both mechanical/electrical and structural/civil work.

Endex has participated in a wide variety of private and public projects, including medical and health care facilities, congregate housing, school, libraries, commercial buildings and energy analysis. Even a partial list of OSU projects is fairly long; right now Endex is working on heating, ventilation

and air conditioning for the expanded Valley Football Center.

What sets Endex apart is its willingness and even eagerness to do historic preservation, adaptive reuse and other remodel work. Feuerstein said other firms avoid even remodeling because it's less predictable and thus riskier.

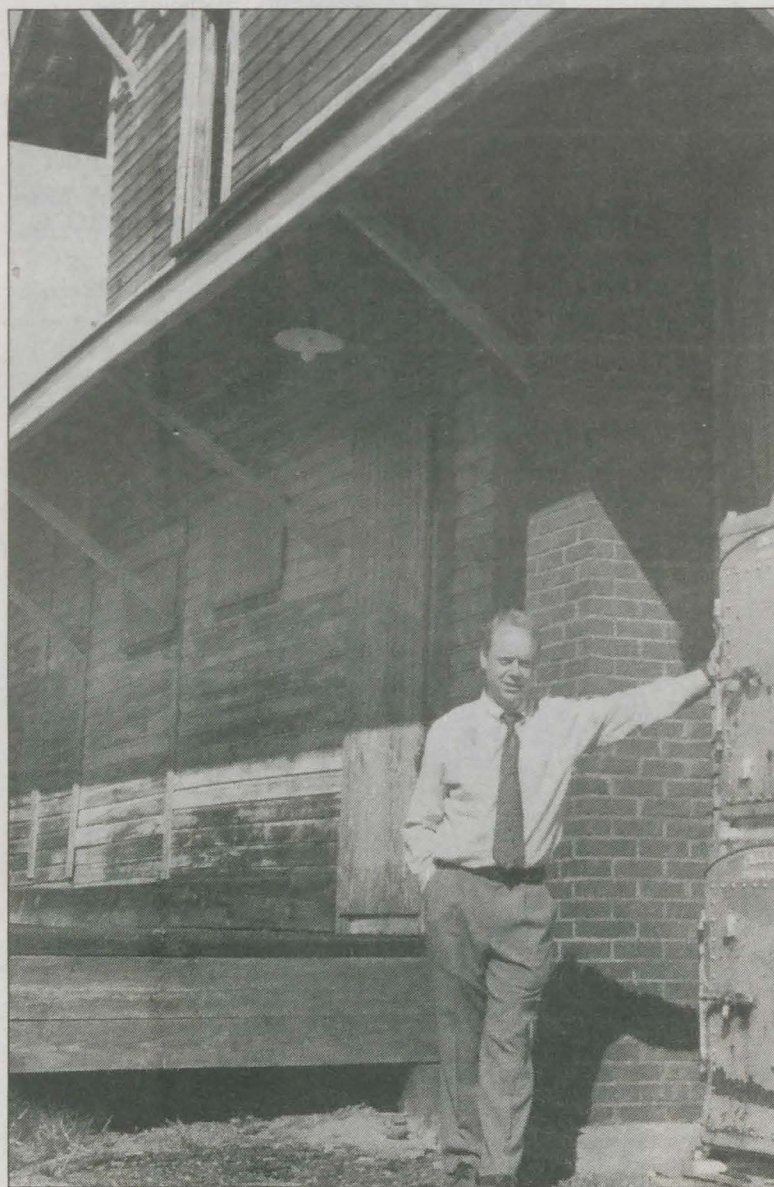
This year local preservationists honored Feuerstein and business manager David Livingston for adaptive reuse of two adjoining post-World War II buildings in Corvallis: the Toklat building, once a Sears store, and an adjoining building that had served as an Elks hall. The Elks building renovation dispatched a "stupid fake rock" facade; now the buildings feature beveled concrete, nice windows and awnings and a mix of private and governmental use, including the museum's downtown History Center.

Endex since 1989 has been housed in a downtown building that was a Chinese laundry in the 1920s. A wood ceiling and some interior brick walls speak softly of its past. The balance of the interior is modern, but the post-World War II facade is a living embodiment of the "cobblers' children have no shoes" proverb. "We went through a design scenario at one point to redo the front, and I guess we never got to it," Feuerstein said.

Feuerstein, who chose OSU for its strong reputation in engineering (and to escape 90 inches of rain a year in Aberdeen, Wash.), has two other Oregon Staters in the Endex stable: David Morris, earned a civil engineering degree in 1980, and Hal Spence graduated in 1974 with a degree in landscape architecture. Both enjoy a healthy blend of science and art: Spence sometimes tours with the Sawtooth Mountain Boys, a bluegrass group, and Morris plays accordion in a polka band.

Rebecca Landis

Editor's Note: Endex Engineering has a small but notable connection to the Columbia Gorge highway story on page 14. In 1991, Endex consulted on water and moisture control for the 1922 Vista House, which graces the historic highway.



Architectural engineer Gary Feuerstein is preserving the 1887 Willamette Valley and Coast Railroad depot between the OSU campus and downtown Corvallis. *Rebecca Landis photo*

OSU's Gifford Collection: Three Generations, Two Oregon Staters

By Larry Landis

For nearly 70 years, the name Gifford was almost synonymous with photography in Oregon. From the late 1880s through the mid-1950s, four photographers (including two Oregon Staters) representing three generations of the Gifford family photographed nearly every corner of the state. All three generations had ties to the Oregon Highway Commission.

Benjamin A. Gifford, patriarch of this family of photographers, came to Oregon from Kansas in 1888 and soon opened a photography studio in Portland. He moved to The Dalles in 1898 and took many photographs of the Columbia River, Central Oregon and Native Americans. A 1901 photograph made by Benjamin A. of Mt. Hood from Lost Lake is one of the most famous Mt. Hood views ever taken. He returned to Portland in 1910 and during the construction of the Columbia River Highway in the late 1910s was considered the "official" photographer to assistant state highway engineer Sam Lancaster. Benjamin A. continued in photography until 1920, when his son, Ralph, took over the business. He died in March 1936.

As a boy Ralph I. Gifford often traveled with his father on photography trips throughout central Oregon and later worked in his father's studio. Ralph sold the family photography business in 1928 and opened a commercial motion picture studio in Portland. In 1936, he returned to photography, becoming the first photographer for the Oregon Highway Commission's Travel Information Department. He traveled throughout Oregon, taking landscape photographs of the state's scenic wonders that were used to promote tourism. Ralph also produced photo postcards and view sets of many of his images, including a well-recognized view of the Vista House at Crown Point on the Columbia River Highway. He died suddenly in June 1947 while on a shoot in Eastern Oregon.

Ralph's wife, Wanda Theobald Gifford, was a 1916 Oregon Agricultural College graduate in home economics.



A Benjamin A. Gifford photo showing travelers along the Columbia River Highway enjoying the scenery atop Sam Lancaster's viaduct at Crown Point. OSU Archives #100

After Ralph's death she continued the photography business into the 1950s. While Ralph had concentrated on landscapes, Wanda's photographs often included a human element. Like her husband, she worked with both color and black and white photographs.

Ralph and Wanda's son, Benjamin L. Gifford, was a World War II Navy veteran who was graduated from Oregon State College in 1950 with a degree in business. After graduation, Ben L. worked as a photographer for the Jetsen-

Miller Studio in Salem and also helped his mother with the family's photography business. In 1955, following in his father's footsteps, Ben L. went to work for the Oregon Department of Transportation but as an engineer instead of a photogra-

pher. He retired in 1982 and died this August.

Ben L. donated a significant collection of his family's photographic work to OSU's Horner Museum in 1986. The Gifford Collection was transferred to the University Archives this summer; Archives staff have been working on the collection to make it accessible to researchers. Included in the collection are several of Benjamin A. Gifford's photographs of the Columbia River, the Columbia River Highway, Native Americans and Central Oregon; Ralph's photographs of Whiddy, Ireland, taken during his World War I navy days there; many of Ralph's photos taken for the highway commission; most of Wanda's photographs taken after Ralph's death; and photos of Oregon State College and farm scenes taken by Ben L. Gifford in the early 1950s.

Plans are in the works for an exhibit of collection photographs at OSU's Portland Center and other sites around the state.

Jerseys Retired at Hall of Fame Ceremony

It was an evening of highlights and high praise from high places August 9 when NBA superstars Gary Payton and A.C. Green were inducted into the OSU Athletic Hall of Fame.

In a previously unannounced move, Payton's No. 20 and Green's No. 45 jerseys were retired, along with Steve Johnson's No. 33, and Mel Counts' No. 21. Ceremonial jerseys No. 599 for Slats Gill and No. 674 for Ralph Miller, reflecting their career coaching



A.C. Green Photo by Dave Nishitani

victories, also were "retired."

Among those sharing recollections of Payton and Green at the Oregon Convention Center were former Beaver coaches Ralph Miller and Jimmy Anderson; longtime Los Angeles Laker James Worthy; Seattle Super Sonics coach George Karl; and former OSU star Eric Knox, a teammate of both inductees.

"Gary Payton epitomizes toughness," Knox said. "When was the last time you saw a player throw gum at a cheerleader?"

That came in a game against Oregon early in Payton's career. He went on to become OSU's all-time leading scorer, an NBA All-Star, and this summer won an Olympic gold medal.

Knox also recalled a road trip early his freshman season in which he roomed with Green, whose religious convictions are as widely known as the basketball talents that made him a Pacific-10 Player of the year and member of two Laker NBA championship teams.



Gary Payton Photo by Dave Nishitani

Green and Knox were discussing the Bible story of Jesus washing his disciples' feet. Green then asked Knox if he could wash his feet.

"That's pretty amazing if you've ever seen my feet," Knox said. "But he washed them and something happened. I couldn't articulate it and didn't understand it, but it marked what A.C. represents—a man willing to serve."

Miller remembered the coaching staff being held up in traffic after a Far West Classic luncheon, arriving late for practice and finding Green running the show.

"There were 15 or 20 coaches sitting up there watching, amazed," Miller said. "Here was a basketball team on the floor, with no coaches, working as hard as it could. That was A.C."

As for Payton, Miller said, "It's impossible for him to smile during a game of basketball. He is the meanest, orneriest-looking guy you ever saw."

But, Miller pointed out, all those times he and Payton jawed at each other in front of OSU's bench, there was no problem.

"It was always a big show," Miller said. "But all he ever wanted was to know what we'd do next."

Karl had words about both Payton, his current player, and Green, a longtime opponent.

"Oregon State, you have two people here not only in your Hall of Fame, but two people who I think are someday going to have a chance to be in the Basketball Hall of Fame," Karl said. "Both are class acts."

Kip Carlson



The Historic Columbia River Highway at Crown Point, looking west. Here, the road makes use of a viaduct, which allows the pedestrian or motorist a complete traverse of the point right along the rim. Photo by George P. Edmonston Jr.

Columbia Gorge Highway...

Continued from p. 21

It wasn't uncommon to find rocks that had fallen from the ceiling. If you met a truck in one of them, you worried about it."

One tunnel—Mitchell—was special for Gibbs. "I always got a kick out of it because I always asked my dad if I could blow the horn inside. I like the way the horn sounded in that tunnel."

About the aesthetics of the road, Gibbs remembers not caring much about them. "We traveled the road all the time and once a week to Portland, so I never gave the beauty of the road much thought. I think my parents did, and their parents did, but I didn't. When the new road came through (the water grade-road) right after World War II, I didn't see where we had lost anything. You could actually see more of the Gorge from down by the river because it was safe to drive and look at the beauty. On the old route, you didn't dare take your eyes off the road."

The tunnels along the road made such an impression on venerable Oregon Stater and retired dean of men Dan W. Poling, '28, that he doesn't even remember them! Much of his recollection of travel along the Columbia River Highway

centers on the difficulty of climbing in and out of the three sets of loops Lancaster designed into his road, the Figure Eight Loops (just east of Crown Point), the Hood River Loops and the Rowena Loops. Poling particularly remembers Rowena: "In a Model A Ford, you really had to gear down to make that stretch. When we took the kids on trips, we would have a portable record player for their entertainment. Everything was usually OK until we got to Rowena. On the way up and down, that record player would slide all over the car."

Retired OSU athletic director Jim Barratt remembers travel in the winter on the road to be "really rough," with lots of snow and ice.

"It used to take so long that it would make us laugh. Then it happened that people used to try to see how fast they could drive, one way, between Heppner and Portland. The record was four hours!"

The newer, straighter, closer-to-the-river highways did make life easier for Oregonians, and it is only natural, after a time, that the old highway would become for many people just a memory. Thankfully, there is still a lot of Lancaster and Hill's road for us to see and experience, enough to give any of us who want to a chance to have our own special memories of this very special place. OSU

Cap Beard...

Continued from p. 25

co-eds to join the band because of their "exceptional musical talent."

We don't know how long they were allowed to stay in the band, but we do know what happened to Yvonne Hollenbeck Smith, '39. She was in the band for about two months in 1937 at Cap Beard's invitation because of her ability "and the fact that I had the only bass clarinet in town," she said. She had been playing in the Co-ed Band, under another director. Everything was fine until she was spotted by an ROTC colonel "who invited me out." Good natured as she was, Yvonne allowed the ROTC Band to borrow her bass clarinet for its tours.

Another first for women during Cap's tenure occurred in the fall of 1938, when the student body asked for drum majorettes to march with the band. Two were chosen after hurried auditions, and since the college didn't have time to produce new outfits, Bea Leonard Vandiver, '42 says she had to wear an American Legion outfit she wore before coming to OSC. Bea didn't have any personal contact with Beard, but remembers him as "a very kind and gentle man."

During all the years that Beard designed, developed and nurtured the band, he continued teaching math classes, where he seems to have had a more relaxed manner—even gaining a reputation for droll witticisms. Russ Williamson, '35, who saw Beard in both roles, agrees but adds that Cap was also very tough as a teacher.

In 1929 he took a sabbatical year to get his master's degree in mathematics at the University of California-Berkeley, teaching classes in calculus during his stay. Later that year on a trip to New York, his wife of 21 years, Kate Adams Beard, '08, died suddenly and left him with three children: Norman, then 22; Howard, '40, then 12; and Jean, then 6. Beard never remarried and spent as much time as he could with the younger children, taking them along on tours whenever possible.

Beard retired from the band in 1945 but kept teaching math until 1947, holding forth in a crammed office in what is now the gymnastics building. Lining the walls were mementoes of his many concerts and tours and photos of longtime friends like John Philip Sousa, and students who went on to success in the musical world.

In an honored place were drawings by Vance "Pinto" Colvig, one of Cap's most cherished buddies who played clarinet in his 1911 OAC Band. (*Oregon Stater*, September 1995.) Harry Beard died after a long illness in 1949 and was mourned by thousands in the music world and the general public.

Marlan Carlson, music department chair, credits Cap Beard with laying the groundwork for OSU's entire instrumental program, including the bands. "And his leadership in establishing the program of bands in the public schools cannot be overestimated," Carlson said. "It would be hard to name another musician who has had a more powerful and long-lasting influence on the development of instrumental music at both the high school and college levels in the state of Oregon."

Carlson, who also is music director of the OSU-Corvallis Symphony Orchestra, plans to honor Beard in the fall concert Nov. 24 at LaSells Stewart Center, when the entire trumpet section, stationed in different parts of the auditorium, will blast out a resounding conclusion to Tchaikovsky's Fifth Symphony. "Cap would have loved it!"

Roper...

Continued from p. 9

daresay we don't have the potential to educate every kind of person, although we should try to do so for every person who seeks us out for an education."

Openness is another aspect of community Roper cited as critical to student experiences at OSU. Student Affairs wants to make sure OSU offers an open, collegial atmosphere in which students feel safe asking questions, relating experiences or expressing ideas on important social issues. Students may dodge class discussion if they fear being perceived as too liberal or too conservative, but respect for opinions should prevail on campus, Roper said.

Your class news is important to us. Stay in touch by writing: News from Classmates and Friends, OSU Alumni Association, 103 MU, OSU, Corvallis, OR 97331



Thirty-three Sigma Kappas gathered at the OSU chapter house in August for a reunion of the classes of 1965, 1966, 1967 and 1968. Denny Abraham, '68, who had been a Sigma Kappa houseboy for three years, made a surprise appearance to serve coffee and tea following dinner. Posing in front of the chapter house are: Jane Wright Alley, '66; Sue Dellinger Ausland, '65; Sally Hackett Connell, '67; Patti Warrington Daniele, '65; Kay Sonnenberg Davies, '65; Ardis Blevins Davy, '66; Julie Ebert Donalson, '68; Sherry Laine Drach, '67; Peg Happold Fujimoto, '67; Jean Hopeman, '68; Donnie Maxwell Lehfeldt, '67; Carol Clark Mathemeier, '65; Frances Winters McCadden, '66; Doris Hrabá Mimnaugh, '65; Juli Heath Mimnaugh, '68; Ginny Larson Moir, '67; Laurale Simpson Neal, '68; Zoe Vonna Palmrose, '68; Nancy McNeil Patrick, '66; Susan Ramirez Roberts, '68; Roberta Epeneter Smith, '65; Sharon Lowery Souvenir, '65; Alice Marx Tyler, '66; Sandra Scott Vaughn, '68; Karen Gresham Wedeking, '65; Kathy Wolfe Wilder, '68; Pat Turner Wilshusen, '67; Carol Charters Zinsli, '65; and Sandy Newell Zimmer, '67. Also attending but not pictured were Carolyn Christensen Behse, Sue Hall Connall and Connie Mayers Sims, all '65.

Roundup...

Despite Football, Other Fall Sports Doing Fine

Volleyball

Double-digit wins and four-figure crowds.

That's the territory Oregon State's volleyball team was in as September drew to a close. The Beavers were 13-1 overall, ranked 21st in the country and 3-1 in the Pacific-10 Conference after sweeping Arizona and Arizona State on Sept. 27 and 28 before crowds that broke the 1,000 mark at Gill Coliseum.

The Beavers started their first weekend at home since Labor Day by topping Arizona 15-17, 15-7, 15-10, 15-2 in front of 1,767 fans, the fourth-largest volleyball crowd in OSU history. Oregon State followed that up with a 15-12, 18-16, 15-6 win over Arizona State before a crowd of 1,427.

Two days later, senior middle blocker Staci Hintze was named National Player of the Week by the American Volleyball Coaches Association and Pacific-10 Conference Player of the Week.

For the weekend, Hintze of O'Neals, Calif., had 31 kills and 14 blocks; she had just two errors in 41 kill attempts for an attack percentage of 70.7.

The Beavers have won 39 of the first 44 games they've played this season, recording three-game sweeps in 11 of their 13 victories.

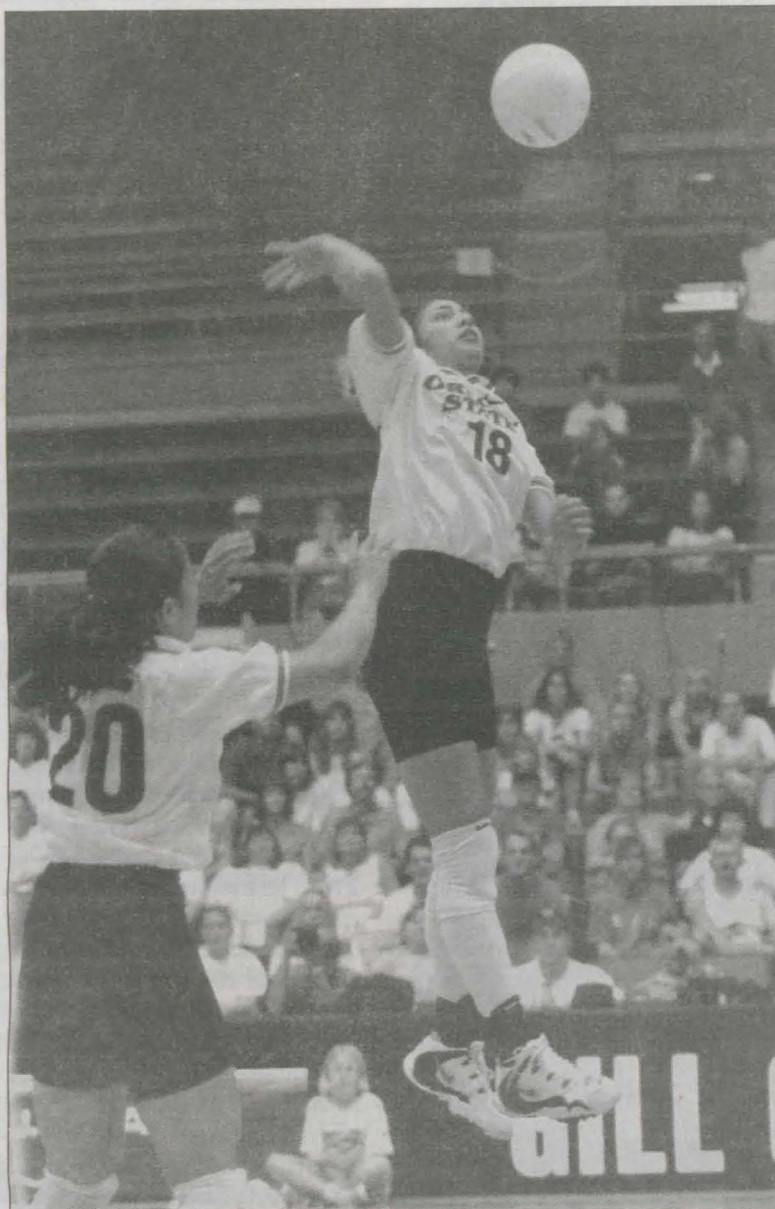
"They have a lot of confidence right now," fourth-year head coach Jeff Mozzochi said. "They feel they'll come through it. All those five-set matches we had last year were a great preparation for this year."

The Beavers are tied for third place in the Pac-10, behind Stanford (4-0) and UCLA (3-0). It was the Bruins who handed OSU its only loss of the season, that coming on the second night of a conference-opening trip to Los Angeles.

After beating Southern California on the first night of that journey, the Beavers were 11-0. That mark gave them the best start in school history.

Junior setter Miya Malauulu of Carson, Calif., already has set the OSU career assist record, breaking the mark during the season-opening OSU Volleyball Showcase.

The Beavers won the OSU Volleyball Showcase and went



Volleyball standouts Miya Malauulu (left) and Magan Prieto Photo by Barry Schwartz

on to add titles in the Boise State Classic and the Portland New Balance Invitational.

OSU will have four matches televised on Prime Sports Northwest this season. The Oct. 13 match against California will be shown at 4 p.m. Oct. 14; the Oct. 18 match at Oregon will be shown live at 7:30 p.m.; the Nov. 3 match against Washington State will be shown at 4 p.m. Nov. 4; and the Nov. 15 match against Oregon will be shown Nov. 16 at a time to be announced.

Men's Soccer

Oregon State spent the first half of the season bouncing back and forth from the win column to the loss column, finishing September at 5-4-0 after a 4-1 win over Concordia on Sept. 25.

A variety of injuries—

including a season-ending broken leg for junior defender Alex Roesinger of Portland—have kept the Beavers from getting much over the .500 mark. After a three-match win streak was ended by a 2-1 home loss to nationally ranked Portland on Sept. 11, the Beavers have been trying to get healthy.

"In soccer, you're never going to get everything the way you like it," ninth-year coach Jimmy Conway said. "But we've probably had more injuries this year than I've ever had."

"It's been up and down. We have nine games left, and every one of them is going to be a battle."

Junior forward Josh Dodson of Beaverton was OSU's scoring leader as September ended with 12 points on five goals and two assists. Senior forward

Dominick Conti of Sacramento, Calif., was second with 10 points on five goals as OSU got set to begin MPSF Mountain Division play.

Women's Soccer

After seven straight losses to begin the season, Oregon State closed September with three straight wins and the championship of its own OSU UMBRO Tournament. OSU is 3-7-0 overall and 0-3-0 in the Pacific-10 Conference.

After blanking Portland State 1-0 for their first victory of the year, the Beavers got their tourney title by beating Fresno State 3-2 in overtime and Cal State-Sacramento 3-1.

"We went and stepped up our play physically," fifth-year coach Tom Rowney said. "We were making things happen,

making our tackles. We started doing that, and that was the most important thing we got out of the weekend."

Sophomore forward Lindy Brown of Tualatin was OSU's leading scorer through September with seven points on two goals and three assists. Tied at six points each were senior defender Karey Dyson of Sumner, Wash., who had two overtime goals against FSU and two assists against CSU-Sacramento; and senior midfielder Jeanette Scotti of Federal Way, Wash., who had a hat trick with three goals on her first three shots against CSU-Sacramento.

Kip Carlson



Senior forward Dominick Conti challenges for the ball during a recent men's soccer match. Photo by Barry Schwartz

Briefs

Former Footballer Dies

Richard Sutherland, who played football for Oregon State from 1936 to 1938 and later coached high school football in Oregon and Washington for more than four decades, died Sept. 27 after heart problems and a bout with pneumonia. He was 79.

Sutherland was born Feb. 26, 1917, in Canby. He graduated from OSC in 1939 with a degree in physical education and married the former Jean Stowell of Cottage Grove.

Coaching at Burns, Baker, The Dalles, Yakima, Wash., and Bandon, Sutherland won state titles in 1947 at The Dalles and 1968 at Bandon. Sutherland was named Class 3A Coach of the Year in 1962, and his teams won more than 200 games before he retired in 1982.

Sutherland also coached Bandon to the state Class 3A baseball championship game in 1963.

Wrestling Homecoming Set

Oregon State's wrestling team, coming off three straight top 10 finishes at the NCAA Championships, has scheduled its 1997 Wrestling Homecoming Weekend. The event will be held Jan. 31-Feb. 1, when the Beavers meet Arizona State and Brigham Young in dual meets at Gill Coliseum.

All former Beaver wrestlers are encouraged to make plans now to attend. More information will be available in December's edition of *The Oregon Stater*. Questions can be directed to the OSU wrestling office at (541) 737-7493.

Soccer Facility Debuts

Oregon State's new soccer facility, Paul Lorenz Field at Patrick Wayne Valley Stadium, hosted its first game when the Beaver men lost 2-1 to nationally ranked Portland on Sept. 11.

The first OSU win in the new facility came when the women's team beat Portland State 1-0 on Sept. 22. As September drew to a close, OSU had a 4-3 record on the field with the men's team 1-2 and the women's team 3-1.

The facility, constructed in the off-season, is still being finished. When completed, it will include seating for over 1,000 fans and a press box.

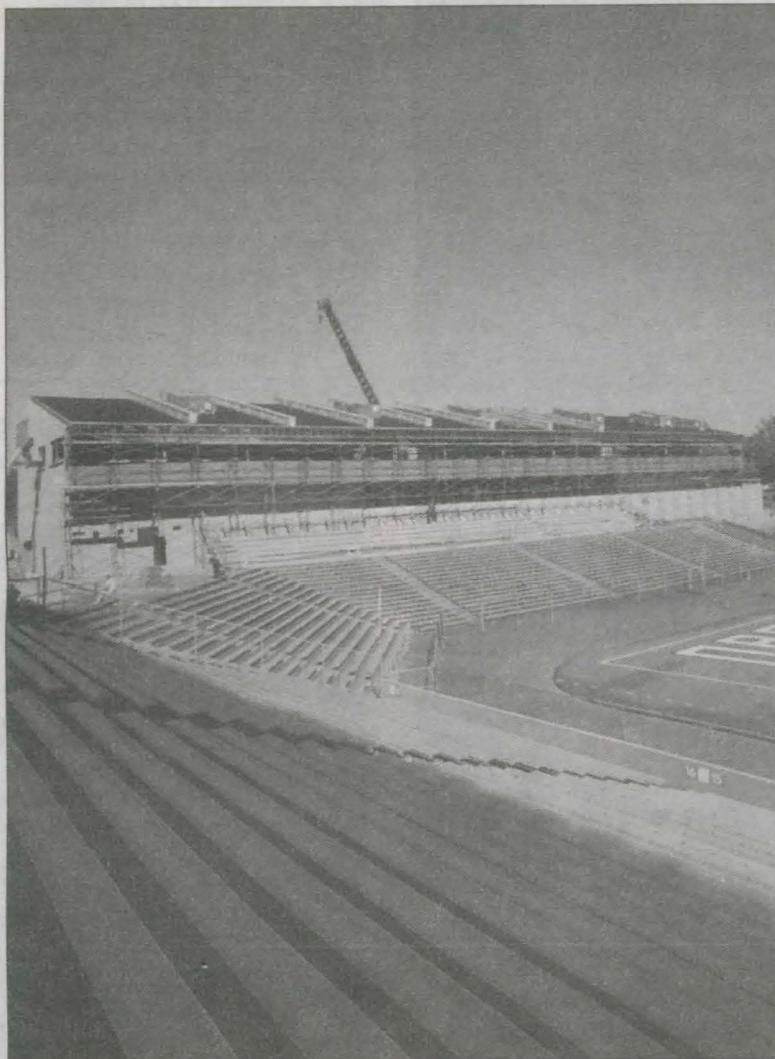
Presently, the new home of

the Beaver booters includes an enclosed, sand-based field with underground drainage and irrigation, plus a scoreboard that keeps fans updated on time remaining and a number of statistics for each team.

Lorenz Field at Valley Stadium is located a block southeast of Parker Stadium, just south of the intersection of S.W. 17th Street and Western Boulevard.

Patrick Wayne Valley Stadium is named after the former Oregon State football letterman and 1964 Rose Bowl team member who drowned in 1969.

Paul Lorenz Field is named for a major contributor to the field's development. The former owner of L&H Grading in Salem provided equipment for earth moving, drainage, irrigation pipe and labor.



The Valley Football Center expansion as it looked Oct. 7. The work is on schedule, and the new facility should be finished by the first week in December. Photo by George P. Edmonston Jr.

Football Highlights

Game 1—Montana 35, OSU 14

The season was not supposed to start this way. Montana, Division 1-AA and once a doormat in the old Pacific Coast Conference, was not supposed to come into Parker Stadium and jump off to a 21-0 lead 4:05 into the second quarter.

But, it will be recalled that in 1990 at Parker the Grizzlies from Missoula finally won a game from the Beavers after 14 futile tries. Then, last year, they won the NCAA Division 1-AA championship.

They brought 18 starters from that team to Corvallis. It was a good, used-to-winning unit that didn't need help, but the Division 1-A Beavers offered plenty.

OSU had nine penalties for 93 yards, and eight of them gave the visitors' offense a first down to keep a drive moving. There were numerous other defensive mistakes, and two turnovers set up quick Montana touchdowns.

The Beavers led in first downs 22-19 and yardage 327-278. The new aerial game emphasis showed. Sophomore quarterback Tim Alexander completed 10 of 27 for 68 yards, and senior backup Rahim Muhammad connected on three of four and 92 yards. Alexander rushed for 79 yards on 15 carries, and Akili King, the transfer from Army, had 62 yards on 16 tries.

But the Beaver yardage only emphasized the costliness of mistakes.

Down 21-0, the Beavers received the second-half kickoff

and drove 84 yards in 15 plays with Alexander racing wide right for the final three yards and a Beaver touchdown. Randy Lund added the extra point.

This awakened the fans, and they stirred even more moments later when the OSU defense held, and the home forces took over on their 22.

But on the first down, Alexander was stripped of the ball. The Grizzlies took over and, on their first try, halfback Josh Brannen broke free up the middle and sprinted the 28 yards to the end zone to make it 28-7.

Late in the quarter, King lost a fumble at the OSU 19. On the very next play, Joe Douglass, a transfer to Montana from Oregon State and a former South Salem High star, had his second touchdown reception.

The Beavers scored on the last play of the game as Muhammad threw 46 yards to tailback DeShawn Williams in the end zone.

Game 2—USC 46, OSU 17

Oregon State, sparked by quarterback Tim Alexander, took the opening drive of the game to about the USC one-inch line where Alexander was stopped on a fourth-down try from the two.

The Trojans took over, and tailback LaVale Woods pushed the ball out to the four. On the next play, he squirted up the middle and sprinted the 96 yards to the end zone for the longest run from scrimmage in USC's storied football history.

The Beavers blocked the try

Continued on p. 31

Football Train Excursions Set

Portland-area football fans can look forward to riding the rails directly to two OSU home games this season.

OSU and officials from Willamette & Pacific railroads have announced a joint venture that will provide rail transportation between Portland and Corvallis for the OSU Homecoming and Civil War football games on Oct. 19 and Nov. 23.

"We've been working on this possibility for two years," said Sylvia Moore, the chair of OSU's homecoming committee.

"Thanks to the extraordinary effort of Ober Tyus on our committee, Bob Melbo, the president of Willamette & Pacific and officials at Union Pacific, Amtrak, and the National Railroad Historical Society, we've now been able to arrange for train transportation to the Stanford and University of Oregon games this year."

The special six-car trains will be able to accommodate only 500 passengers. Coach and club cars will be available.

The trains will run nonstop

from Portland's Union Station to a siding adjacent to OSU's Gill Coliseum. The Coliseum is a short walk from OSU's Parker Stadium. After each game, passengers will reboard at Gill Coliseum for the return trip to Portland.

The price for a round-trip train ticket is \$50. Group lots of 10 more tickets will be priced at \$45 each.

"We think the trains will provide something special for fans from the Portland area," Moore said. "They will relieve

traffic and parking congestion, and provide both a fun and safe means of transport to and from the games."

A Newport travel agency, Yaquina Travel, is working with Willamette & Pacific to sell rail tickets. For additional information, interested persons may call Yaquina Travel at 1-800-637-5964.

Football...

Continued from p. 30

for extra point and, after an impressive 88-yard drive, scored on a 24-yard Randy Lund field goal.

Late in the second quarter, the Trojans' lanky quarterback, Brad Otten, threw the first of his two touchdown passes. The halftime score read 13-3, a much closer game than most anticipated.

The Beavers stuffed the Trojans' opening drive of the second half and capped the stand when Jonathan Jackson, a redshirt freshman linebacker from Las Vegas, blocked the punt and recovered at the USC 5.

On second down, running back Akili King bulled three yards for the TD. Lund added the extra point, and the surprised 48,000 in the L.A. coliseum saw a 13-10 score.

But then the roof caved in for the Beavers.

On the first play after King's touchdown, USC's Chad Morton took the handoff and headed for the right sidelines. He cut back against hesitant tackling and went 73 yards to score.

The nationally ranked Trojans would go on to make it 33 unanswered points. With the help of two Beaver fumbles, they scored 16 points in less than two minutes.

Beaver punter Doug Stuckey dropped the snap at his 1-yard line, and USC had an easy TD. Tailback DeShawn Williams fumbled a pitch, and a linebacker scooped up the ball and trotted four yards into the end zone. A trapped Alexander was called for grounding a pass in the end zone, resulting in a safety.

Later, OSU coaches would view the films and count 24 missed tackles by the Beavers. The defensive coverage was hampered by injuries that kept three starters in the secondary on the sidelines most of the game.

A 5-yard pass from backup quarterback Rahim Muhammad to Mat Davis, redshirt freshman flanker from Medford, gave the Beavers a final touchdown.

Game 3—Baylor 42, OSU 10

At Waco, the Beavers learned again that the important numbers are the points that go on the scoreboard.

They had an advantage in total yardage of 383 yards to 336. The first-half statistical edge was even more pronounced

as OSU held a strong, undefeated Baylor team to 97 yards while piling up 154. But the score at intermission favored the host Bears 14-0.

The Beavers lost two excellent chances for early points when place kicker Randy Lund missed from 37 yards and, again, on an almost straight-on 21 yards after a long drive that reached the Baylor 4-yard line.

After the first miss, a Baylor interception of quarterback Tim Alexander set up the Bears for an 18-yard touchdown reverse by speedy Kalief Muhammad.

Late in the second quarter, the Bears put together their one real drive of the half, capping it with a 30-yard scoring pass for a 14-0 lead.

The Beavers took over, but after the first play, Alexander limped off the field with a pulled hamstring. He did not return.

The Beavers' backup quarterback, senior Rahim Muhammad, was on the sidelines, but in street clothes. He also had a leg injury. The duty fell to junior Adrian Woodson.

A native of nearby Temple, Texas, Woodson did a very good job under the circumstances. He hadn't played quarterback in a game since 1993. One of the squad's most versatile and willing, he has had limited duty at free safety and on return teams.

Baylor's ace running back, Jerod Douglas, had a minus 12 yards in the first half. He finished with 105, including a 32-yard scoring run on the first drive of the second half.

The Beavers showed a much more improved team than in the season opener loss to Montana. But the offense continued to have problems reaching all the way to the end zone. The long play continued to be a stickler for the defense. Baylor scored on runs of 18, 32, 47 and 100 yards and pass plays of 30 and 48 yards.

Midway in the third quarter, the Beavers finally made the scoreboard when Lund's 30-yard kick split the uprights for a 21-3 score. Lund later would miss from 44.

Down 35-3 early in the fourth quarter, OSU showed a new wrinkle in its new offense. Woodson pitched to halfback DeShawn Williams, who lofted a pass to flanker Roddy Tomkins for a 53-yard touchdown play.

Baylor's Muhammad caught Lund's ensuing kickoff right on the goal line. A hundred yards, 12 seconds and an extra point later, the scoreboard read the

final 42-10.

Game 4—California 48, OSU 42

The opportunity had come. The chance to snap the Beavers' 13-game losing streak seemed to be right there in Berkeley.

The Beavers and the California Bears were tied 42-42 and into the second period of the NCAA's new tie-breaker rule. Under the rule, each team has a drive from the 25. A lead after both have tried, and the game has been won. If they remain tied, they go at it again.

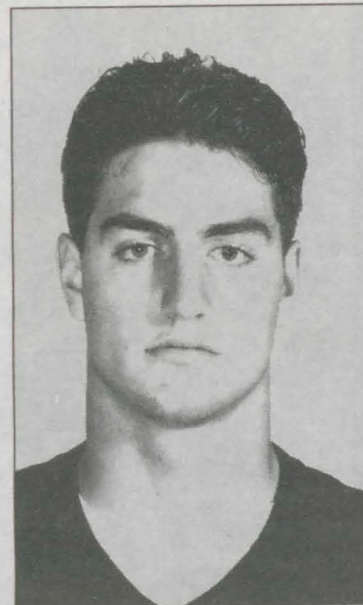
It's not "sudden death." The teams have equal opportunity.

In the first period, Akili King drove over from a yard out for the Beavers, and Randy Lund added the extra point. But Cal tied the game again in an opportunity from the 25.

Now the Beavers had blanked the Bears in the first half of the second period, and Lund had a place-kick opportunity straight on from 26 yards. Practically an extra point try, and he'd had six-straight of those on the afternoon.

A good kick here, and the wild game was over.

The Beavers chose to kick on third down for insurance. In case of a bad snap or a fumble, Lund and holder Cameron Reynolds were instructed to fall



Quarterback David Moran

on the ball and try again on fourth down.

Joe Kuykendall snapped the ball short. Both Reynolds and Lund, with a very short split second to decide, chose to make the minor adjustments and not abort this try. Meanwhile, UC's 6-4, 245-pound defensive end Andy Jacobs fought off a block and put up a big hand to block the kick.

Those many thousands of Beaver rooters listening to the exciting Darrell Aune/Bob Grim radio broadcast and sweating out the play through a timeout by each team, slumped.

On the third try to break the

tie, the Bears had first defense and sacked David Moran, the Beavers' new freshman quarterback, for a big loss, and Lund's 49-yard field goal attempt fell short. Three plays later, David Barnes kept on an option right and scored from the 3.

The Beavers' first tie breaker and one of their most disappointing but exciting games was over after three hours and 20 minutes, 912 yards from scrimmage and 90 points.

Coach Pettibone said afterward that he definitely was not going to point a finger at any one player. He said there is no question that the Beavers had their best performance of the season. The players had been challenged to give it everything they had and they did.

"I told the players in the locker room," Pettibone said, "that I've been coaching for 31 years, two national championships with Oklahoma, 11 bowl games, and I have never been as proud to be associated with a football team as I was today."

OSU came from 14 down late in the game to gain the tie at 35. Moran, the freshman quarterback from Dewey, Ariz., in his first game, threw to split end Willis Jenkins for 29 yards to the 1. King pushed his way into the end zone.

With the clock approaching the five-minute mark, sophomore cornerback Robert Ruffin intercepted Barnes and ran 59 yards to the Cal 14. The Beavers pulled a trick play with Moran tossing the ball to tailback DeShawn Williams and then Moran became a lonely receiver in the left flat. Williams stopped, threw back to Moran for the touchdown. Lund's kick made it 35-35.

Barnes had been intercepted only once in 87 passes in the previous three Bear games. The Beavers intercepted him four times and tackled on 137 return yards.

The Beaver defense sparked a second quarter comeback after the Bears had gone in front 10-0. Junior linebacker Nathan McAtee forced a Barnes fumble and junior strong safety Buster Elahee scooped up the ball and ran it 23 yards to score. Senior strong safety Marc Williams intercepted Barnes for a 36-yard TD run for a 14-10 OSU lead.

The Beavers later regained the lead at 21-17. Rahim Muhammad's 71-yard completion to freshman Roddy Tompkins set up King's 1-yard run.

Chuck Boice

True Freshman Shines at Quarterback

Despite the heartbreaking loss, a number of good things showed for the Beavers against the California Bears. There was some of the best defense to date, including four interceptions with returns totaling 137 yards. The Beavers had 408 yards of offense.

And Beaver fans met a new quarterback, one who had a big impact on the game, as the game story indicates, and one who could have an impact in the immediate future.

David Moran, 5-11 and 190, is a true freshman. Almost all freshman are given a redshirt year to learn and mature. But Moran is not the usual first-year player.

Perhaps the big difference concerning Moran's football background is that his coach for four years as a starter at Bradshaw Mountain High, a Class 3A school in Dewey, Ariz., was his father, Steve Moran. Young David had a great many extra hours of football and they showed as he ran the Beaver scout team.

As a high school freshman, he started at wide receiver and safety. The next three years, he started at safety and quarterback. He threw for 5,454 yards and a state-record 74 touchdowns in his prep career. Add his work as a receiver, and his stats total 9,158 yards and 116 touchdowns.

It's a little wonder he rated high school All-America recognition from almost every prep sports publication in the country.

Indications are that sophomore Tim Alexander, after he recovers fully from injuries, senior co-captain Rahim Muhammad and Moran all could play a part in the Beavers' final seven games, five of them at Parker.

Welcome Back Alumni!
October 18-19



96
Homecoming '96
Oregon State vs. Stanford

Alumni Fellows

Reception Friday, Oct. 18—4 p.m.
Memorial Union

Bonfire & Street Dance

Friday, Oct. 18—7:30 p.m.
Washington Avenue and 11th Street

Yell-Like-Hell & Beaver Walk

Saturday, Oct 19—10:45 a.m.
Jefferson & 26th Street

Barbecue

50th Anniversary

Saturday, Oct. 19—11 a.m.-1 p.m.
OSU Alumni Tent, Prothro Practice Field
\$6.00 per person

Football
Go Beavers!

Saturday, Oct. 19—1 p.m.
Parker Stadium

College Open Houses

Check with Dean's Offices for times and locations.

Class Reunion

Class of 1956

