

WINTER 2013

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OREGON

STATER

THE MAGAZINE OF THE OREGON STATE UNIVERSITY ALUMNI ASSOCIATION



**OSU research:
Red tape, real tape, big bucks
and a thirst for knowledge**

Diving science alumna one of three in the world

Given that beavers do their best work underwater, it would seem appropriate that when the Our World-Underwater Scholarship Society chose this year's Rolex Scholar for North America, they selected a Beaver, OSU science alumna Megan Cook, '09. She is the only one for the continent and one of three young scholars worldwide to receive the life-changing opportunity this year.

At the halfway mark of her year-long service in marine locations around the world, the experienced diver and budding marine ecologist had learned to cave dive in Florida (pictured here). She had worked with U.S. Navy divers and Hollywood movie divers. She had explored the fields of ocean advocacy (her favorite and her intended career), hyperbaric medical rescue, deep sea technology and seafood processing.

A partial list of scheduled trips for the last half of her Rolex year included experiences in underwater locales in Antarctica, French Polynesia, South Africa and Saudi Arabia.

Raised in a Beaver family in Idaho, Cook says a grade-school teacher sparked her interest in the ocean, and gives much credit for her success to her Oregon State experience, specifically mentioning professors Kevin Ahern and Mark Hixon. In a recent thank you message to OSU President Ed Ray, she told him that she "could never have achieved what I have without Oregon State and my mentors on our beautiful campus."

Learn more about Cook's experience and the Rolex Scholar program at owussnorthamerica.org. PHOTO AT RIGHT BY JILL HEINERTH, intotheplanet.com; BELOW, BY SARA SHOEMAKER LIND





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Sometimes it's hard to maintain perspective

IN MY OWN LIFE, I find that perspective can be hard to get and difficult to maintain.

Despite the blessings I've received, including having a satisfying career that eventually led me back to the campus where my life changed so much for the better nearly four decades ago — and where my job exposes me to more good news than I could ever hope to share — I'm as prone as anyone to lose track of what is and isn't important from time to time.

So I think I understand some of what I saw and heard as I stood along the sideline in Reser Stadium at this year's Civil War football game.

But I confess that I was a bit stunned as I watched men my age, many of their faces contorted in rage, boo the Oregon Marching Band.

Not the Oregon *team*, but the *band*. It seemed funny at first, but it went on, and I'm not just talking about that tongue-in-cheek, you're-from-there-so-we-gotta-boo-you expression that seems almost obligatory at a rival game.

For some in the crowd this was more visceral, like what you'd expect at a 4th of July parade that included a float paying tribute to Osama bin Laden.

And no, I don't care if *they* did it to *our* band when we played there, although I was seated — wearing OSU colors and cheering for the Beavs — among rabid Duck fans at last year's Civil War in Autzen Stadium, and I don't recall that they did.

I had hoped this column would be about our victory over the Ducks in this year's game, and I did something I'd not done before as an editor to make that possible.

Coverage of sports contests is not one of the *Stater's* main functions because it's impossible to do it well in a magazine published every few months and because coverage of Beaver sports is readily available elsewhere. However — like Beaver fans everywhere — I got caught up in the excitement of the team's turnaround season and I decided several weeks ago to delay publication of this issue in case the Beavers maintained their winning streak all the way through the Civil War.

It was not to be, and I'm as bummed as anyone that it didn't happen. As I've written in this space before, I live in *Eugene*, so no one needs to tell me about the smugness some — not most, but some — advocates of our rival institution display after a high-profile win by one of their teams.

It does get old, but I'm not ready to froth at the mouth and scream at a passing oboe player because of it. I prefer to respond with a little counter-smugness, reminding my feathered friends that OSU outpaces our younger, smaller sibling to the south in enrollment and in many key areas that seem just a *tiny bit* important when comparing universities, such as the amount of world-changing research done by our faculty and students, and our ability to attract a much higher percentage of Oregon's top high school graduates to our campus.

Any moderately rational examination of the facts makes it clear that OSU plays second fiddle to no university in Oregon when it comes to having a positive impact on the world and in producing graduates who will help solve critical problems. (Our "not-so-small-talk" feature on page 8 of this issue provides more cool things to learn and share about Oregon State.)

With that in mind, here's what I will remember about this year's Beaver football team: Our guys had an unprecedented win streak and won a spot in a decent bowl game (yet to be determined at press time) after being picked as a cellar-dweller and — during spring practice — not even having enough healthy offensive linemen to field two teams for a scrimmage.

It would appear that the young men in orange and black, faced with dire predictions and pressing problems, set a pretty good example when it comes to maintaining perspective.

— Kevin Miller, '78, editor





Picked to have a terrible record by pretty much everyone except themselves and Head Coach Mike Riley, the Beaver football team — here taking the field before their Homecoming win over Utah — surprised the nation and exceeded expectations with a bowl run and a national ranking. More photos from Homecoming weekend start on page 34. PHOTO BY DENNIS WOLVERTON



ON THE COVER:

A look at the world of OSU geophysicist Adam Schultz, here preparing a sensing device for deployment at a wave energy testing site in the Pacific Ocean near Newport, offers a sense of what makes the university's \$280 million research enterprise go. Story on page 18.

PHOTO BY DENNIS WOLVERTON

AND SO MUCH MORE ...

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Groundbreaking for a new home for Céntrico Cultural Cesar Chávez has students, President Ray beaming.

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Ranked one of the best in the nation, OSU's school where students attend college without coming to college, is growing.

46 HOOPSTERS GO CONTINENTAL
Men's basketball team bonds, laughs, learns and plays its way across Europe.

Baker memories

I greatly enjoyed the *Oregon Stater* article on Terry Baker and his well-deserved Heisman award. My only direct contacts with Terry were in ROTC ... and once on TV, both to result in good memories!

Terry was on the "G.E. College Bowl" show after he won. He was asked his GPA (somewhat over a 3.0), which was certainly higher than mine at the time.

I believe Judy Wicks Torgerson (now Street), our team captain, had a higher GPA. I've not had contact with Gary Ford nor Frances Freeman nor our alternate, Phil Bernard, for many years. Judy did track me down a couple of years ago and at one point, we were attempting to plan some sort of reunion this year.

The second connection with Terry and I was military: The Army had just loosened its vision standards so that despite being very nearsighted, I became physically qualified for commissioning in one of the combat arms. Alas, a medical issue kept Terry from continuing on into the advanced portion of ROTC and an eventual commission.

It was quite a fall. My father, an OSU physics professor (Richard Dempster), had died in September and October brought the Columbus Day Storm!

Thanks again for the story to remind us about this fine man and great athlete!

*Cliff Dempster, '64
Sullivan, N.H.*

Moved by letter

I was very moved by Dick Weinman's "Acts of kindness" letter in the fall edition of the *Oregon Stater*.

Dr. Weinman was a favorite professor of mine at OSU during the '70s, and I look back with fondness on the many, many hours I spent in his classes and in the KBVR television broadcasting studios. What an inspiration he was!

I am saddened to hear of his horrific automobile accident and the injuries that have resulted in such significant limitations to his independence. I applaud him, however, for his beautiful essay and thank him for his own act of kindness in sharing his story with us. What a poignant way to remind us all how much a single act of kindness can have on another's day.

*Kathy Eckhout Joy, '75
La Plata, Md.*

Enjoyed it all

My copy arrived in the mail just a couple of days ago. I don't know when I have read an issue so thoroughly and found so much of interest inside.

The "Acts of kindness" letter to the editor really touched me. Mr. Weinman sounds like a remarkable man and his letter brought me up short and reminded me once again how small and petty my own problems really are. Thank you for sharing it. I enjoyed reading about President Ray's encounters with the famous and what Michelle Obama had to say at Commencement.

I really found the Husnu Ozyegin interview fascinating. He graduated a mere five years before I found my way onto campus. The campus history and old pictures always attract my interest. Horner Museum was mentioned and I remember my first visit there as a soon-to-be high school freshman attending 4-H summer school.

I look forward to attending the Golden Jubilee festivities someday. I'm not much of a sports fan, but I always root for the Beavers. Terry Baker was a legend when I was at OSU. I know much more about him now.

Thanks for a job well done. I look forward to future issues.

*Vonne Wilcox, '74
Klamath Falls*

Proud of Husnu

I was very pleased to see the cover of the fall *Oregon Stater* and your story about Husnu. As your story indicates many of us lost track of Husnu after graduation. My personal interest is the fact that I was his opponent for the ASOSU presidency in 1966-67.

If there was anyone to lose it to, it was Husnu. What a gentleman. We had talks around campus at dormitories, fraternities and sororities, and a debate in the Memorial Union commons.

I had been on the OSU rally squad in 1963-64 and student body vice president in 1965. A lot of friends and fraternity brothers encouraged me to run for president. They said the opponent was a Turkish student they didn't know a lot about, but I could beat him. Boy, were they wrong.

I also went on to graduate school like Husnu and received my MBA from the University of Oregon. The next four years I was in the army — artillery, armor and a year in Vietnam. I came back and went to law school, and was interested to see in your article that Mr. and Mrs. Litchfield of Newport had been Husnu's host family. My firm in Albany often used Mr. Litchfield's

office in Newport for our annual retreats, and I was sorry to read that both of them had passed away.

I am an attorney in private practice here in Albany, and I will never retire as I immensely enjoy helping many OSU alums, grass seed farmers and businessmen with their tax planning.

Thank you for an excellent article.

*David Beckham, '66
Albany*

Congrats to Husnu

Thank you for the terrific cover article on Husnu Ozyegin (fall 2012). While at Oregon State I had the good fortune of being a classmate, friend and fraternity brother of Husnu. I often wondered over the years whatever happened to him. It's ironic that to find out all I had to do was Google his name. Congratulations to Husnu for all of his success and for his ongoing, cutting-edge philanthropic efforts in his native country of Turkey.

*Don Tollefson, '67
Venice, Calif.*

Bad figures

Just read the article on Husnu Ozyegin in the *Oregon Stater*. I question that the tuition was \$32 a term when Husnu was at OSC. I was at OSC from 1953 to 1958 and I seem to remember it was about \$75 per term.

*Virgil L. Choate, '57
The Dalles*

Editor's note: The error was the editor's.

Listening to the interview tape again, it's clear that Mr. Ozyegin meant \$32 a month, which is almost exactly what it was.

Happy alumnus

I just wanted to let you know the fall 2012 edition of the *Oregon Stater* was probably the best I have had the pleasure to read. I especially enjoyed the articles on Husnu Ozyegin (a contemporary) and Joyce Carol Oates together with the student essays related to her work. I read more articles from beginning to end than ever before.

As to the "idiot running my alma mater's alumni magazine," I say keep up the good work.

*Scott McCasland, '69
Meadows Place, Texas*

Wrong characters

I just read the article by Kevin Miller about Husnu Ozyegin, and enjoyed it a lot. One of my pet peeves, however, is that American publications frequently pay no attention to the correct spelling of international names, leaving out umlauts, accents, etc. Would it

really be that much harder to spell a person's name correctly?

Mr. Miller must have come across the actual name in the course of spending many hours doing research on this person.

*Fritz Keinert, '81, '86
Ames, Iowa*

Editor's note: Mr. Keinert is correct, but some of the characters necessary to print the non-Americanized version of "Ozyegin" are not reliably available on all the platforms on which the Stater is presented, sometimes resulting in blank spaces, so we decided to go with the Americanized version for consistency's sake.

Husnu's teammate

I was watching the Portland group Pink Martini at a Seattle concert the other day and they featured a Turkish folk song with the participation from some Turks who happened to be in the audience.

Now the number of Turks that I know or have known is pretty limited, but it got me thinking about my undergraduate days at OSU where I did know a Turk.

I played soccer for the Beavers for four years under Coach Iain McSwan and was team captain during my senior year. During at least two of those years Husnu Ozyegin was my teammate. The song at the concert got me wondering whatever happened to Husnu.

Imagine my surprise when just days later my copy of the *Stater* arrived with Husnu's picture on the cover. Thank you so much for your prompt response to my curious reminiscences.

I am certainly flabbergasted at the degree of success Husnu has had in his native Turkey. Husnu's duties as student body president kept him from being very active on the soccer team during his senior year but we all knew that his responsibilities as president would lead him to great things.

Who knew how great. Thanks again.

*Dick Eigenraam, '67
Oak Harbor, Wash.*

Meets the standard

I've long believed anything that carries the words "Oregon Stater" should be exceptionally good.

Your fall edition meets or exceeds that standard, notably in story selection, research, writing style, editing, layout and graphics. Maryann and I thoroughly enjoyed this edition and we look forward to the next editions under your guidance.

*Rob Phillips,
retired OSU professor of journalism,
Sunriver*

Lower campus memory

I read with great interest your article in the fall 2012 *Oregon Stater*, titled "A stroll through the past," and wanted to comment on the photo shown of the lower campus.

To show how things have changed, my dad, Kenneth G. "Red" Denman, was raised by George and Emma Denman in the family home one block north of Monroe Street on 12th Street, which was very rural in the early 1900s.

Dad said he and his dad hunted ducks in a marsh that filled with rainwater in November. That marsh was just slightly east of the picture shown.

Dad graduated from Oregon Agricultural College after being a starting halfback on the Beaver teams of 1924, '25 and '26, and then served as backfield coach for Spec Keene at Willamette while he attended law school. His father, George, had also graduated from OAC in the late 1890s.

The family milked four cows which grazed on the same area shown in the picture.

Yes, things have changed!

*Donald K. Denman, '55
Jacksonville*

Send us letters

We love your letters. We might edit them for clarity, brevity or factual accuracy. Email to stater@oregonstate.edu or mail to Letters to the Editor, *Oregon Stater*, OSUAA, 204 CH2M HILL Alumni Center, Corvallis, OR 97331-6303.

Corrections

William E. Olson, '60, of Ontario, is alive and well at the age of 75, and is enjoying retirement from many years as a state wildlife biologist, including service as district biologist in the Malheur County area.

Much to our chagrin and his distress, he was prematurely and erroneously declared dead in the Class Notes section of the fall 2012 *Stater*. Our apologies to Mr. Olson and his family.

While we would like to blame this on our computers, it was actually the result of a perfect storm of human errors, which we will try not to repeat.

Report errors at stater@oregonstate.edu or at Corrections, *Oregon Stater*, 204 CH2M HILL Alumni Center, Corvallis, OR 97331-6303.



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Toward cleaner competition

President Ray has been at the center of the NCAA's dramatic movement toward reform



OSU President Ed Ray addresses alumni and friends in October. PHOTO BY CHRIS HO

OSU President Ed Ray has finished a busy term as president of the executive committee of the NCAA (National Collegiate Athletic Association). While he played a high-profile role in the organization's handling of the Jerry Sandusky abuse scandal at Penn State, he also led a work group to dramatically increase the effectiveness of the NCAA's oversight of college athletics. For this edition of "Ed Said," he discussed changes in rules and procedures that are likely to have a broad, long-lasting impact.

He started by recalling a gathering in August 2011, after new NCAA President Mark Emmert had decided it was time to respond to university leaders' mounting concerns about problems in college athletics.

"We got some 50 presidents, chancellors and others together and we talked about a number of issues but the main theme coming out of that two-day conversation was, 'We're damn mad and we're not going to take it any more.'

"The presidents and chancellors felt that we needed to stiffen the penalty structure and speed up the pace at which cases are adjudicated. We needed to make the process as open and transparent as possible and we needed to make it obvious to people that if they commit violations, here are the kinds of penalties they're looking at — hopefully penalties that are severe enough to serve as deterrents.

"The consensus was, 'You know what? There are a lot of people out there doing risk-reward calculations and figuring, 'If I get caught, the penalties are such that it's not that bad. So I'll cheat until I get caught and even when I get caught, I'll come out ahead of the game.'"

"All of us found that completely unacceptable. So there was a real sense that the penalties had to be more severe.

"There was concern too about the wellbeing of our student-athletes, about whether anything more could be done to support them with

all of the costs and debt that students are facing. Was it possible, for example, to give them some basic incidental support beyond the tuition and books?"

(The so-called "full-ride" scholarship is largely a myth for most student-athletes, and rules and schedules often prevent them from earning enough to cover their incidental expenses.)

"They can't work, so they have no way to make other money."

The university leaders also wanted to put more pressure on their athletic programs to recruit and support student-athletes who could meet tougher academic standards, and so help ensure that they will have a degree and a chance at a career outside athletics when their playing days end.

"At the end of these next four years, any high school graduates who don't have a 2.3 grade-point average or better coming out of high school — even if they can be admitted to college with a 2.0 — can't play their freshman year. In fact, they're supposed to have at least 16 core academic credits before they graduate from high school, and the new rules say they'd better have 10 of them before they get to their senior year.

"So this notion that they can somehow, miraculously, get 16 core credits during their senior year of high school just isn't going to wash anymore, because that's just beyond the pale.

"For transfer students coming out of community colleges, the GPA requirement is 2.5.

"In addition, for colleges and universities whose students have not kept up their academic performance, they are not eligible to participate in any of the 89 post-season championships, and the BCS has gone along with that.

"Connecticut (men's basketball) is out of the tournament this year because they've got a history of having a very low academic success rate."

Among other changes Ray highlighted is a sweeping restructuring of how potential rules violations are enforced, which is being addressed by a committee he chairs. In general, the changes are aimed at more swiftly and severely punishing programs that commit serious transgressions.

"(In the severe breach of conduct violations) we're really talking about things like doctoring transcripts or changing grades or having people write papers for student-athletes; having donors give special presents to recruits to make sure they come to the school, or lying about what's going on when questions are raised. Those are some of the more serious violations.

"At the opposite end we have more incidental infractions. My favorite is the 'bagel rule,' where if you give a student-athlete recruit a bagel (outside the normal permitted meal plan) it's a snack and is permitted, but if you put some cream cheese on it, it's a sandwich and it's a violation. That kind of stuff needs to be cleaned up."

He also noted that the NCAA plans to expand its enforcement staff, which now has a ten-person Committee on Infractions panel trying to wade through 20-30 major violation cases each year.

"We have proposed that that group be expanded to up to 24 people over time, and that we have separate panels of five to seven people so several cases could be going forward simultaneously."

The changes also include a clearer listing of appropriate penalties, or penalty guidelines, for each violation.

"People will have a pretty good idea of what they're staring at if

they are guilty of violations. We tested our proposed penalties against historical cases, and the actual penalties imposed in those cases, and the penalty guidelines we're implementing are much more severe.

"What most people don't realize is that the NCAA is an association of conferences and schools. The investigators don't have subpoena power and they can't compel testimony. Try to get to the bottom of something when somebody can just tell you, 'Never mind,' and there's no subpoena power. That in itself lengthens the investigation processes ... It really is a matter of relying on people to come forward to do the right thing."

In media coverage of the changes, commentators have noted that one of the benefits of having clearer, more severe and more predictable penalties for violation is that it can help university leaders fend off outside forces that apply pressure to bend the rules in the interest of winning on the field.

"There are always going to be pressures like that, and I think a lot of university presidents and chancellors would like to be able to say, 'Look, I can't do this. The NCAA is very clear about it.' So, to the extent that

chancellors and presidents don't want to be pressured by this donor or that excited fan, they can bring up what will happen as a result.

"I think the chancellors and presidents welcome this, and certainly the coaches do. It's just amazing to me that we forget that most coaches are wonderful people who have great values and want to win the right way. I had some of our coaches tell me before we got into changing the penalties that they know of colleagues at some institutions who cheat and look at our coaches and say, 'You guys are suckers.'

"That's not right. And that's why we need to change the risk-reward formula in a direction that pushes people who cut corners more toward appropriate behavior.

"Most coaches don't cheat, they don't like cheaters and they don't like feeling like fools because they're trying to do things the right way."

The enforcement structure, procedures and penalty guidelines described here were approved unanimously by the Division I Board at its October 29 meeting and they will go into effect on August 1, 2013. 🐾

Alumnus, developer John Gray remembered for vision, generosity



John Gray, '40, 1919-2012

OSU President Ed Ray likes to tell the story of the afternoon in April 2011 when 1940 alumnus John Gray called him, unsolicited, to offer to donate nearly \$800,000 worth of his Native American art collection

to OSU's new Native American Cultural Center.

The legendary resort developer and creative philanthropist was responsible for Oregon's Salishan, Sunriver and John's Landing, as well as Skamania Lodge on the Columbia Gorge in Washington state.

Gray said he had been reading his *Oregon Stater* and was especially interested in the news that OSU's old Native American Longhouse was to be replaced with a new Native American Cultural Center.

Gray thought two large bronze pieces by

the eminent Chiricahua Apache sculptor Allan Houser would be just right for the NACC, which is now nearing completion.

Ray, who spends a fair amount of his time asking well-to-do alumni to step up and support OSU, was thrilled and a bit startled. He told Gray he didn't remember another time when an alumnus had called him to make such an offer without being asked.

Gray's passing at 93 drew tributes from across the nation for his thoughtful philanthropy and his ability to build resorts that touch visitors' souls while blending in with the natural world.

"He had a knack for knowing what fit in the environment," Ray said.

Among the evidence of Gray's ability to strike a meaningful balance is that he was both the state's most famous developer and a founder of one of its most influential conservation groups, 1,000 Friends of Oregon.

Said the editorial board of *The Oregonian* in its tribute to Gray:

"Over a multidecade career, John Gray helped define and develop Oregon's attitude toward its space."

2013 State of the University Address

Join OSU President Ed Ray as he provides a compelling update on the university's significant worldwide accomplishments in the past year, and as he foretells how the university's mission of excellence, innovation and impact for 2013 will serve OSU, the state of Oregon, the nation and the world.

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Not-so-SMALL talk

More one-or-two-liners for not-so-bashful Beavers who want to brag a little

Here, courtesy Steve Clark, '75, vice president for university relations and marketing, we present the second installment of our regular feature providing conversational tidbits for Beavers and Beaver supporters who want to spread the good word about Oregon State among their friends and acquaintances:

BIG SUPPORT IN BEND

Central Oregon leaders supporting an effort to grow OSU-Cascades in Bend to a four-year branch campus have pledged a total of \$2.8 million, including \$1 million from the Tykeson Family Charitable Trust, which is OSU-Cascades' largest gift ever.

\$2.8
MILLION

STUDENTS KEEP COMING

Enrollment continues to set records at Oregon State. More than 26,000 students are taking classes at the Corvallis campus and through Oregon State's Ecampus online academic classes. See story, next page.

26,000

QUESTIONS? WE FIND ANSWERS

OSU researchers last year generated the second highest total of research dollars in the university's history. Led by a 42 percent increase in grants from the private sector, Oregon State generated \$281 million during the past year. Discoveries occurring at Oregon State are increasingly being licensed for commercialized use by the private sector. In 2011-12, OSU signed 108 new licenses — an increase of 227 percent. See story, page 18.

\$281
MILLION

EXCELLENCE LIVES, GROWS HERE

In 2011-12, Oregon State hired 83 tenure track faculty from universities across the world. Meanwhile, 40 percent of the freshmen entering OSU in fall term 2012 have a GPA of 3.75 or higher. Among those freshmen, 170 were ranked No. 1 in their high school graduating class.

NO. 1

TEACH 'EM WHERE THEY ARE

OSU's Extended Campus, which offers online degree programs and continuing educational courses, enrolls 3,175 online-only learners and many thousands more who take a few classes online. Ecampus is ranked eighth in the nation and offers 800 courses and 15 undergraduate degrees online. See story, page 26.

8TH

A LOT OF HEART

OSU students consistently work for others in need. Service learning and philanthropy opportunities engage students in classes, clubs, residence halls, sororities and fraternities and among small groups of friends. An OSU team recently was judged the best among all Oregon university teams at the inaugural Social Business Challenge Conference.

WORD KEEPS GETTING OUT!

A lot of people have good things to say about OSU and life in Corvallis. In August, the website *livability.com* ranked Corvallis sixth in the nation on its list of top college towns. Meanwhile, in October, Corvallis was ranked fifth nationally by the American Institute for Economic Research among college towns with populations under 250,000, beating out communities with universities that are home to Texas A&M, Indiana, West Virginia, Kansas, Virginia Tech, Auburn, Kansas State and Missouri.

THE BEST

5TH

Enrollment growth continues

By Mark Floyd

OSU's fall term enrollment — fueled by major increases in minority students from the United States and international students — grew by 4 percent on the main Corvallis campus (from 22,335 to 23,218 students) from fall term of 2011.

A robust online enrollment pushed the university's overall growth to a record total of 26,393 students, a 5.7 percent increase over last year.

OSU also experienced modest growth in the number of students from Oregon, reaffirming President Ed Ray's commitment to the university's land-grant mission of access.

Some of the growth in OSU's enrollment can be attributed to its Ecampus program, which enrolled a record 3,175 students from around the state and beyond who only took courses from the university online. OSU Ecampus has consistently been ranked among the top 10 online programs in the country.

"Our enrollment growth is a reflection of interest in the university's academic programs, our success in recruiting

high-achieving students, and our efforts to increase minority and international enrollments," said Sabah Randhawa, '81, OSU's provost and executive vice president.

OSU's enrollment total does not include that of the state's first branch campus, OSU-Cascades in Bend, which has an additional 801 students — an increase of 4.8 percent over last year.

The growth rates of OSU and OSU-Cascades were the highest in the Oregon University System, which posted an overall record.

Some of the highlights of the university's enrollment:

U.S. minorities increased 10.7 percent over 2011 to a total of 5,224 students, or about one in five.

International student enrollment increased 27.5 percent over last year, a reflection in part of the successful collaboration with INTO University Partnerships.

OSU's international student enrollment this term is 2,362, which is 8.9 percent of the overall enrollment.

The number of Oregon resident students increased from 17,360 to 17,487.

OSU continues to attract high-achieving students, and the mean GPA of entering freshmen this fall was 3.56. More than 40 percent of incoming freshmen from Oregon high schools had a GPA of 3.75 or higher.

"We also continue to attract more high school valedictorians and salutatorians than any other institution in the state," noted Kate Peterson, OSU's associate provost for enrollment management.

"The university also has made major efforts to retain students and we're beginning to see some of the results."

Peterson said the number of new students on campus grew by 241 students over 2011 while the number of continuing students jumped by 1,191 over last year.

OSU has hired more than 100 new faculty members over the past two years — from throughout the United States and beyond — to help accommodate the enrollment growth.

Students enrolled this fall at OSU come from every county in Oregon, from every state in the United States, and from 98 other countries.

Mark Floyd, '78, is director of OSU News & Research Communications.



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Campus Downtown Portland Keizer Station
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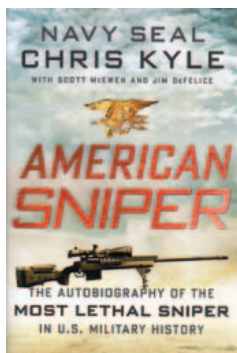
Your purchase directly benefits OSU students by helping fund course material discounts & scholarships. A portion of your purchase also goes to support OSU Athletics.



Gift brightens campus gateway

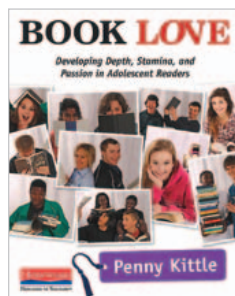
A stylish sign, new walkway and revamped landscaping — gifts from the OSU Class of 1960 — have made the campus entrance at 26th Street and Western Boulevard a much more welcoming sight for the thousands of visitors who pass by the spot on their way to athletic contests at Reser Stadium and Gill Coliseum, and events at the CH2M HILL Alumni Center and the LaSells Stewart Center. Soon the City of Corvallis plans to install traffic signals at the nearby intersection. PHOTO BY DENNIS WOLVERTON

BOOK NOTES

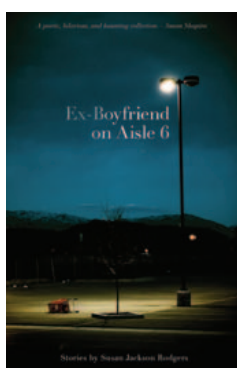


American Sniper (William Morrow) by Chris Kyle, Scott McEwen, '83, and Jim DeFelice. U.S. Navy SEAL Chris Kyle, who recorded the most career sniper kills in U.S. military history, recounts battlefield experiences during his four Operation Iraqi Freedom combat tours.

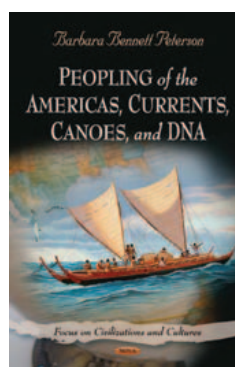
Book Love: Developing Depth, Stamina, and Passion in Adolescent Readers (Heinemann) by Penny Ostrem Kittle, '83. Kittle explains how to encourage students to become lifetime readers.



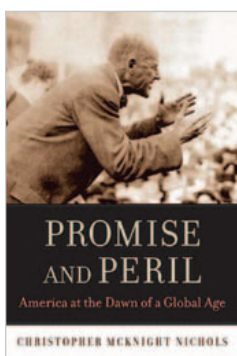
Ex-Boyfriend on Aisle 6 (Press 53) by Susan Jackson Rodgers, OSU associate professor of creative writing. This short story collection, a finalist for the Flannery O'Connor Award for Short Fiction, chronicles various characters' encounters with former friends, loves and family members.



Peopling of the Americas, Currents, Canoes, and DNA (Nova Science Pub) by Barbara Bennett Peterson, '64. Science, especially genetics, meshes with cultural history to explain multiple origins of Native Americans.



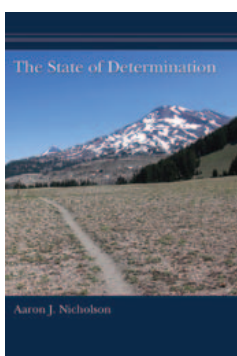
Promise and Peril: America at the Dawn of a Global Age (Harvard University Press) by Christopher McKnight Nichols, OSU assistant professor of history. Nichols explores the isolationist and internationalist views that shaped the heated debates of the early 20th century and continue to influence American policy today.



'Regimental Practice' by John Buchanan, M.D. (Ashgate) edited by Paul Kopperman, OSU professor of history. This is an annotated modern edition of a medical diary and manual written by a surgeon serving during the War of the Austrian Succession in the 18th century.



The State of Determination (Resource Publications) by Aaron Nicholson, '08. The author describes hiking the Pacific Crest Trail the length of Oregon without restocking food or supplies.



Jennifer Braucht, Class of '05
College of Science
Department of Chemistry

Each year, my love for OSU grows stronger. The OSUAA has allowed me to build relationships with fellow Beavs that are priceless. From museum events, to business networking, to football gamewatches, OSU has provided me endless opportunities which continue to develop. Graduation was just the beginning. I now get to experience OSU for her true worth and give back all she taught me.

“This is a new chapter for OSUAA – and I’m honored to be a part of it. Please join me!”

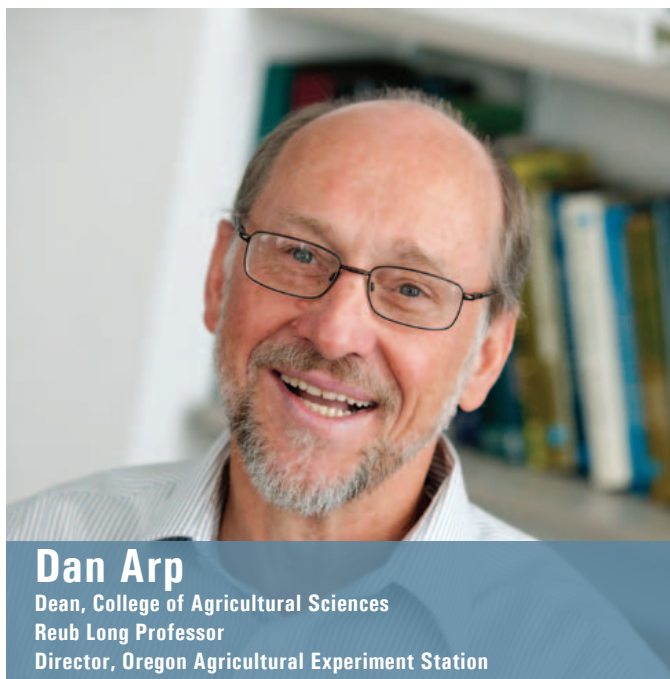
The alumni association supports diverse programming in many regions. To learn more about opportunities to get involved in your area, visit www.osualum.com.



If you'd like to get involved in California, contact Suzanne.Flores@oregonstate.edu
541.737.2351

Endowments support new directions for ag sciences, forestry and library

Three of OSU's newest leaders — Dan Arp, dean of the College of Agricultural Sciences, Thomas Maness, dean of the College of Forestry, and Faye Chadwell, head of The Valley Library, are holders of endowed positions. Resources provided by these endowments are helping their programs pursue new ways of putting Oregon State's historic mission into action today.



Dan Arp

Dean, College of Agricultural Sciences
Reub Long Professor
Director, Oregon Agricultural Experiment Station

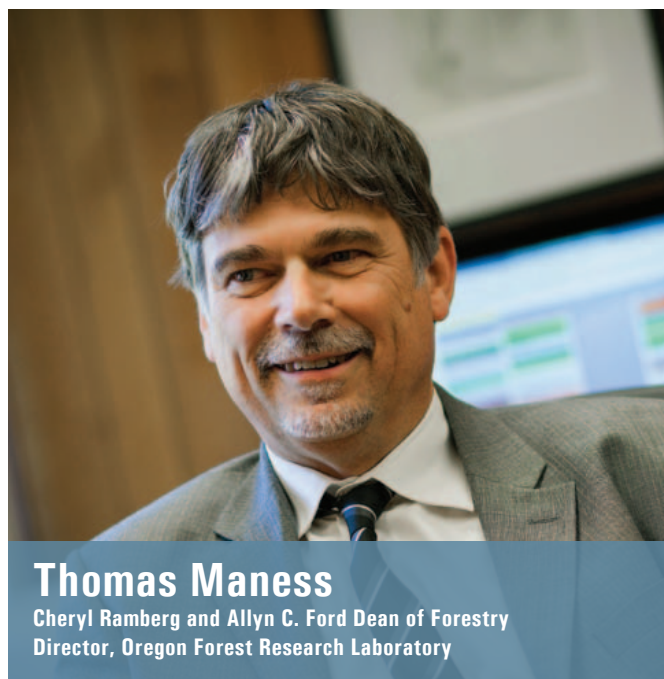
Educational background: Came to OSU in 1990 after studying at the University of Nebraska-Lincoln and University of Wisconsin-Madison. A microbiology researcher and educator, he became the Agricultural Sciences dean in May 2012.

Making a difference: The world faces an enormous challenge: by the year 2050, our planet will have 9 billion people. Under Arp's leadership, the College of Agricultural Sciences is developing solutions for food production, energy needs and sustainable land use.

Outside the dean's office: Pleased to keep one foot in the classroom, this fall Arp co-taught the third in a series of University Honors College classes that began with Energy IQ and Water IQ. In Food IQ students from many majors explored issues such as eating local, genetically modified organisms, immigration law and the Farm Bill.

He said it: "It's been a tremendous boon for our college to gain 12 new endowed faculty positions through The Campaign for OSU. They're pretty well distributed across the units and allow us to leverage state funds, attract high quality faculty and move in new directions — from watchable wildlife to turf management to the new Beaver Classic cheese."

About the donor: Horse rancher, conservationist and longtime member of the State Board of Agriculture, Reuben A. Long was a living legend in Oregon's agricultural community, widely known as a wise and witty cowboy philosopher. His 1964 collection of stories, *The Oregon Desert*, co-authored by E.R. Jackman, '21, describes his 70+ years in Fort Rock, a remote area southeast of Bend.



Thomas Maness

Cheryl Ramberg and Allyn C. Ford Dean of Forestry
Director, Oregon Forest Research Laboratory

Educational background: Came to OSU in 2009 after studying at West Virginia University, Virginia Tech, and University of Washington. Appointed Cheryl Ramberg and Allyn C. Ford Dean of Forestry in August 2012.

Making a difference: In Maness' vision for the college, healthy forest landscapes are inextricably linked to sustainable communities and globally competitive businesses. The business of taking good care of landscapes can promote strong communities that produce sustainable products and ecosystem services.

Outside the college: Maness and his wife Nicole are avid wilderness backpackers who equally enjoy exploring remote desert canyons and high alpine basins. This summer they spent 10 days traversing the largely off-trail Sierra High Route through the John Muir Wilderness.

He said it: "Many forestry colleges nationwide have expanded to include many other programs and disciplines in an attempt to increase enrollment. It's really special that a private landowner with historical roots in Oregon, like the Fords, would create an endowment to preserve a college dedicated to the study of forestry."

About the donors: Allyn Ford is president and CEO of Roseburg Forest Products, a company founded by his father, Ken Ford. Cheryl Ramberg-Ford is also a native of southern Oregon. Both are highly involved with The Ford Family Foundation, one of the largest private foundations in the Pacific Northwest. It funds about \$12 million in scholarships annually for low-income students; 39 of the 100 new students chosen last year attend OSU.



Faye Chadwell

Donald and Delpha Campbell University Librarian
Director, OSU Press

Educational background: Came to OSU in 2007 after studying at the University of Illinois and Appalachian State University in North Carolina. Named Donald and Delpha Campbell University Librarian and OSU Press Director in 2011.

Making a difference: After Chadwell and her staff read P.M. Forni's book, *The Civility Solution: What to Do When People Are Rude*, they launched a highly successful civility campaign at The Valley Library. Short messages on posters and buttons encourage visitors to respectfully share the popular library spaces, whether studying alone or collaboratively.

Outside the library: For pleasure, Chadwell is reading Vernor Vinge's science fiction novel *Rainbows End*, set in 2025. It imagines a world where internet technology is embedded in clothes and contact lenses, permeating daily life. UC San Diego's iconic Geisel Library plays a central role.

She said it: "The Campbell endowment has provided support for innovative new initiatives that apply directly to OSU's land-grant mission. For example, it supported the Oregon Explorer project, a fabulous partnership that provides information to help citizens and policymakers make better decisions about natural resources and communities." <http://oregonexplorer.info/>

About the donors: Delpha and Donald Campbell, '23, spent most of their lives in Southern California but stayed connected to Oregon State University. He was one of the founders of the Delta Chi fraternity at OSU.

4 PROSPERITY

The U.S. has an abundant supply of natural gas, but existing technology makes compressed natural gas too cumbersome and expensive for widespread use in cars and trucks. Chris Hagen plans to change that. With a \$700,000 federal grant, he's working on an engine that can run on natural gas as well as compress it for storage.

Expanding Oregon State University-Cascades to a 4-year university will bring in more research dollars and innovations that help power Central Oregon's emerging industries.

4 Central Oregon
OSUcascades.edu/4

OSU | Cascades

Chris Hagen | Assistant Professor
Energy Systems Engineering

Are you getting the “whole” picture when it comes to food?

Emily Ho, endowed director of the Moore Family Center for Whole Grain Foods, Nutrition and

Preventive Health, provides questions and answers about common misconceptions about food. The Moore Family Center, part of the College of Public Health and Human Sciences, launched in fall 2012 as a research and outreach center focused on whole grain foods nutrition. It was made possible by a \$5 million gift from Charlee and Bob Moore of Bob’s Red Mill.

The center recently began offering a series of cooking classes for Oregon State students to learn to purchase and prepare healthy foods and will host nutrition experts across the Northwest at its first annual Food, Nutrition & Health Update on Feb. 21, 2013. To learn more about the center, visit health.oregonstate.edu/moore-center/about.



- Current 2010 Dietary Guidelines recommend that Americans should eat LESS:
 - Sodium
 - Solid fats
 - Added sugars
 - Refined grains
 - All of the above
 - True or False.** Organic foods are always healthier than non-organic foods.
 - True or False.** High-sodium foods don’t necessarily taste salty.
 - True or False.** Low-fat foods are always better.
 - True or False.** Physical activity and diet are important regardless of your weight.
 - How many of your total grains each day should be whole grains?
 - 1/4
 - 1/3
 - 1/2
 - 3/4
 - True or False:** A gluten-free diet is a low-carb diet with little whole grains.
 - Which of the following is a whole grain?
 - Popcorn
 - Couscous
 - Corn tortilla
 - Multi-grain bread
 - Which bread contains whole grains?
 - INGREDIENTS: wheat flour, water, high fructose corn syrup, molasses, wheat, bran ...
 - INGREDIENTS: whole wheat flour, water, brown sugar ...
 - What percentage of Americans is consuming the recommended three servings of whole grains per day?
 - 50%
 - 25%
 - 10%
 - Less than 5%
- (Answers are on page 56.)

Veggie Quinoa Skillet Serves 6

Ingredients

- | | |
|--|-----------------------------------|
| 1 cup quinoa, cooked according to package directions | 2 tablespoon lemon juice |
| 1 tablespoon olive oil | 1 ½ tablespoon honey or agave |
| 1 ½ cup frozen corn thawed | 1 clove garlic, peeled and minced |
| ¼ cup onion, diced | ½ cup feta cheese |
| 1 ½ cup diced bell pepper (color of your choice!) | Salt and pepper to taste |

Directions

- In a skillet over medium heat, heat olive oil and add the minced clove of garlic. Sauté for 1 minute.
- Add corn, onion and peppers, sautéing just until tender, about 4 minutes.
- Add quinoa, honey and lemon juice, stirring and cooking for an additional minute. Finally, stir in cheese and season to taste with salt and pepper.

Recipe Tips & Suggestions

- If desired, quinoa can be replaced with whole wheat couscous, millet or brown rice.
- Use a frozen bell pepper mix for a colorful skillet. Change the vegetable ingredients and include mushrooms as desired.
- Substitute mozzarella cheese for feta if desired.
- Add fresh basil at step 3 to enhance the Mediterranean flavor.



'El Céntro' to get new home



The new cultural center is shown in this rendering as it will look from 26th Street. In the background are the parking structure, whose west side will soon be home to the new OSU Beaver Store, and at right, the new Student Success Center. RENDERING COURTESY JONES & JONES, ARCHITECTS

By Theresa Hogue

For 40 years, Céntro Cultural Cesar Chávez has been a home base for Latino/a students. Established in 1972 as the Chicano Cultural Center in the basement of Milam Hall, it moved in 1977 into a cozy if small and run-down house on 26th Street, just north of the CH2M HILL Alumni Center.

Now, the Céntro has moved to temporary quarters in Snell Hall so the old building can be replaced at the same site as part of OSU's multi-part project to replace its four major cultural centers. Students, faculty and administrators gathered Nov. 1 to celebrate the rich history of "El Céntro" and to symbolically welcome the new building, which should be completed by the end of 2013.

"At a time when so many campuses are questioning whether cultural centers are needed, we believe deeply that OSU is strengthened by our centers," said Vice Provost for Student Affairs Larry Roper.

Roper said the construction of this cultural center, along with three others scheduled for

replacement with new buildings (including the Native American Cultural Center, which is nearing completion, the Lonnie B. Harris Black Cultural Center and the Asian and Pacific Cultural Center), reinforces the university's commitment to support cultural communities and recognizes that OSU is part of a global community.

Roper credited OSU President Ed Ray with doggedly pursuing the improvement of OSU's cultural centers.

"Ed's commitment to a rich and diverse cultural life and creating a campus culture that embraces diversity, equity and inclusion is a hallmark of his OSU presidency," Roper said.

Ray, who credited the students who use the center with providing much energy and guidance for the effort, said cultural centers are known to support student engagement, encourage retention and offer a number of specialized services to students who make them their home away from home.

"Cultural centers provide a touchstone, a safe place and a familiar environment

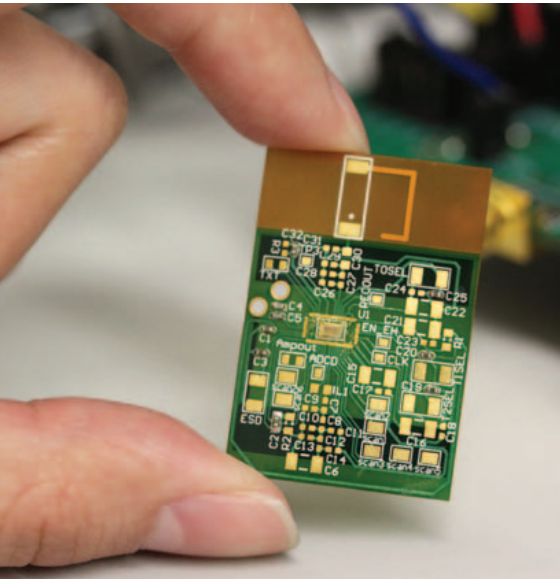
for students of different backgrounds," Ray said. "But they also reach out (to the broader community). They really do enrich everybody's lives."

A number of students spoke about the importance the Céntro has had in engaging with many student groups on campus. Nicthe Verdugo of MEChA (Movimiento Estudiantil Chicano/a de Aztlán) said the Céntro was essential to promoting the culture and history of Chicano students on campus, and provided many leadership opportunities as well.

"By having the opportunity to work with El Céntro," she said, "it has given us the opportunity to be better leaders."

Céntro internal coordinator Pedro Arenas thanked everyone who had gathered to celebrate the center's new future.

Theresa Hogue is internal communications coordinator with OSU News & Research Communications. This story first appeared in Life@OSU, which can be seen at oregonstate.edu/dept/ncs/lifeatosu.



A new “system on a chip” developed at OSU can provide sophisticated monitoring of medical vital signs with technology the size of a postage stamp. PHOTO BY LARRY PRIBYL

Medical vital-sign monitoring reduced to the size of a postage stamp

Electrical engineers at OSU have developed vital signs monitoring devices so small and cheap they could fit onto a bandage, be manufactured in high volumes and cost less than a quarter.

A patent is being processed for the monitoring system and it’s now ready for clinical trials, researchers say. When commercialized, it could be used as a disposable electronic sensor, with many potential applications due to its powerful performance, small size and low cost.

Heart monitoring is one obvious candidate, since the system could gather data on some components of an EKG, such as pulse rate and atrial fibrillation. Its ability to measure EEG brain signals could find use in nursing care for patients with dementia, and recordings of physical activity could improve weight loss programs. Measurements of perspiration and temperature could provide data on infection or disease onset.

And of course, if you can measure pulse rate and skin responses, why not a lie detector?

“Current technology allows you to measure these body signals using bulky, power-consuming, costly instruments,” said Patrick Chiang, an associate professor in the OSU School of Electrical Engineering and Computer Science.

“What we’ve enabled is the integration of these large components onto a single microchip, achieving significant improvements in power consumption,” Chiang said. “We can now make important biomedical measurements more portable, routine, convenient and affordable than ever before.”

Beaver Classic cheese available for online ordering

A new artisan-style cheese produced in a campus creamery by students in the Department of Food Science & Technology is being sold online.

Beaver Classic cheese is an alpine-style product that uses milk from the university’s dairy herd, said Lisbeth Goddik, ’89, ’99, an OSU Extension special-



ist who works with food entrepreneurs around the world on artisan cheeses.

“The cheese is in the tradition of alpine cheeses made in Switzerland, Italy and France,” Goddik said. “It has a subtle, nutty taste with creamy, buttery and caramelized flavors.”

The cheese can be ordered at oregonstate.edu/main/cheese.

LPI experts hail news of study showing that daily multivitamin reduces cancer risk

One of the largest, longest, placebo-controlled clinical trials ever done on the use of a daily multivitamin/mineral to prevent cancer in men has shown a remarkable 8 percent drop in overall cancers during a 13-year study period — findings that may have repercussions on health care around the world.

Scientists in the Linus Pauling Institute at OSU, who have studied related issues for years but were not involved in this research, say it conclusively shows that multivitamins are safe to take, help fill important nutritional gaps, reduce cancer risk and in turn will help cut health care costs.

“An 8 percent drop in overall cancer rates is not small,” said **Balz Frei**, professor and director of the Linus Pauling Institute and an international expert on the role of vitamins and micronutrients in

promoting health and preventing disease.

“Given that more than 1.6 million new cancer cases are diagnosed in the U.S. each year, this translates into about 130,000 cancers

prevented every year, and with it all the health care costs and human suffering.”

The research, titled “Multivitamins in the Prevention of Cancer in Men,” was published in the *Journal of the American Medical Association* by a group of scientists from Harvard Medical School and Brigham and Women’s Hospital.

It’s important, Frei said, because this is the type of controlled study that can establish cause and effect.

“And it’s worth noting that the research was done with 14,600 physicians,” Frei said. “This highly-educated group has a better diet, knowledge base and health habits than the average person, so it’s reasonable to believe that the impact of multivitamin use in the general population will be even greater.”

For decades, a standard tenet of conventional medicine has been that people will get all of the vitamins and micronutrients they need in a normal healthy diet. That’s often not true, Frei said.

“We’ve known for a long time that something as simple as a multivitamin can help fill nutritional gaps, even if you try to eat right,” Frei said. “Research has shown that over 90 percent of the U.S. population, for instance, doesn’t get enough vitamin E, and that 40 percent of elderly Americans have inadequate zinc in their diet.”

“Quite simply, at around a penny a day a multivitamin is the cheapest health insurance a person will ever buy,” he said.



From real estate, to real OSU cheese

Gift of apartment complex boosts OSU's dairy program

A LONGTIME OREGON DAIRY FAMILY, Paul and Sandy Arbuthnot appreciate a great cheese—and the science that goes behind the best dairy practices. So when the couple decided to downsize their real estate holdings, they gave an apartment building to the OSU Foundation to fund an endowed professorship in food sciences. The OSU Foundation manages the property, and income from rent supports the work of Lisbeth Goddik, the Extension dairy professor behind the new Beaver Classic cheese.

“OSU is an essential part of Oregon’s dairy industry,” Paul said. “Working with the OSU Foundation on a gift of real estate enabled Sandy and me to support an incredibly capable, dedicated faculty in helping keep our dairy industry strong.”



To buy Beaver Classic, visit:
oregonstate.edu/main/cheese

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JULIE IRMER
OSU Foundation, Office of Gift Planning
800-336-8217 • Gift.Planning@oregonstate.edu
campaignforosu.org/giftplanning

Getting



at the answers

OSU's mission-critical, \$280 million research enterprise is a mix of hard work, great science and entrepreneurial creativity

By Kevin Miller

Pillow-sized clouds of dust as fine as powdered sugar follow each footstrike on this October morning as three members of OSU's \$280 million research enterprise step off a logging road and into a brushy stand of lodgepole pine on the flank of a Central Oregon volcano.

In bright sun not far from the giant Newberry Caldera about 20 miles south of Bend, Professor Adam Schultz and research assistants Valerie Adair and Tristan Peery will spend the morning navigating by memory to several unmarked sensing sites scattered throughout the forest. At each they will download data, mouse-proof cables and troubleshoot solar arrays that power sophisticated data-gathering equipment they've placed to record precise magnetic and electrical readings. Back in the lab they'll use the data to produce astonishingly vivid, three-dimensional images of what's happening deep in the Earth.

A top geophysicist in the College of Earth, Ocean, and Atmospheric Sciences (CEOAS), Schultz is a busy guy. Like many of his colleagues he is something of a renaissance man, with usable expertise in many fields. His specialty is creating accurate images of what's happening in the Earth using magnetotelluric and electromagnetic sensing devices, which rely on precise measurements of electrical and magnetic fields from just below the Earth's surface down to hundreds of miles below. It's an exploding field because of breakthroughs in the ability to gather vast amounts of precise data, and it's changing the way scientists think about the subsurface Earth.

Barely a week earlier in the Pacific Ocean off Newport, Schultz had been at sea, lowering a sensing device he and his associates designed and built to sense and record electromagnetic fields that might be created during OSU's testing of wave-energy systems. In another week he would head off to Saudi Arabia to use electromagnetic fields to look for water deep beneath the desert.

All told, Schultz is lead researcher on 10 or so major research projects at a time, bringing in \$1 or \$2 million a year to hire students, employ colleagues, design and buy equipment and generally spread money around the economy.

In the meantime he does cutting-edge work that helps commercial and government experts make key decisions, he answers fundamental questions about the Earth and he helps train and launch the careers of another generation of scientists who will be eager to do the same.

As heady as that sounds, Schultz insists — and OSU Vice President for Research Rick Spinrad agrees — that he is just one of many at the university making such an impact. "Adam is a great example of what we do," Spinrad said.

Research assistant Tristan Peery and Professor Adam Schultz puzzle over electrical problems at a monitoring site near the Newberry Caldera. PHOTO BY DENNIS WOLVERTON





“He’s an extraordinary researcher ... but he’s one of about 800 extraordinary researchers here.”

When the university each year announces that OSU researchers have once again drawn enough outside support to dwarf similar tallies at all other Oregon public universities combined, behind the total is an army of researchers like Schultz, Peery and Adair, ranging from world-renowned scientists to high-achieving undergraduates having experiences that undergrads at many universities can only wish for.

Researchers like Schultz work in almost every discipline in the sciences, engineering and the humanities. Their ability to compete for grants, do great science and wade through mountains of red tape is crucial to the success of a powerful question-answering enterprise.

“‘Enterprise’ is the right word for this,” Spinrad said. “It is a large enterprise ... but for the most part, people don’t realize this is happening.”

Spinrad, an oceanographer who earned graduate degrees at OSU in 1978 and 1982, returned to campus in 2010 to head OSU’s research efforts.

He has as overseen research at two major federal agencies, where he helped make decisions about what got funded and was consulted by White House advisers.

He is a passionate spokesman for the importance and impact of OSU’s research.

“Why have this research enterprise? First of all,

Faculty research assistant Valerie Adair insulates cables from rodents. PHOTOS BY DENNIS WOLVERTON

because it’s the right thing to do for our mission, the educational one. Maintaining the educational edge is a primary reason for attracting the best and brightest researchers. ... It turns out that to do that usually means having on your staff the people who are driving the direction in their fields. And that doesn’t mean just in the sciences. It can be in the humanities, any area. Research is the vehicle for driving the direction of a particular field.

“Adam is a really good example of the magnet approach. By having many Adam Schultzes at Oregon State University we attract high-achieving undergraduate students, we attract post-docs, we attract other faculty who are familiar with their work because they are leaders, and all of them attract other students who want to work with them.

“We’ve always cherished that about our research enterprise, but we don’t brag about it. What I tell President Ray is that we wear our humility with pride.

“I think it’s part of our DNA. You listen to our faculty and a lot of them are so passionate about engaging students in their work. And it’s part of the whole land-grant thing. There are going to be students who come to Oregon State University to get the chance to work with our scientists, engineers, humanists and others, and they’re going to go out and become leaders in the rest of the world.”

Back at the vast Newberry site, Schultz and his crew’s goal is to monitor what happens as a commercial energy exploration company searches for a renewable energy source using a two-mile-deep well drilled under the ancient volcano. First

It is a large enterprise, and the interesting thing is, it’s mostly hidden from the public. Every once in a while we have something that bubbles up to the level of public notice, if not the front page, but for the most part, people don’t realize this is happening.

- OSU Vice President for Research Rick Spinrad

cold water will open up existing cracks and microfractures in the hot, dry rock deep beneath the volcano's outer rim, and then millions of gallons of water will be pumped down to where it will be heated by the volcano's energy. Some of the fluids will be piped back to the surface and analyzed for heat and chemical content and maybe — if everything goes right — this work could show that hot but dry geothermal energy could be used to run steam turbines. These so-called “enhanced geothermal systems” are a promising future resource for green energy.

The monitoring sites feature probes set on the four major compass points 50 meters out from the center, where other probes, the sensing and recording devices and a solar panel to power it all are gathered.

At each site Peery, who earned an MS in physical oceanography from OSU in 2008 and works as a faculty research assistant in CEOAS, pulls chips from a recording device and downloads data onto a laptop computer.

Although he can't interpret the one-to-two weeks' worth of information right away — there is so much of it that Schultz and his colleagues are constantly working on new ways to analyze it back on campus — Peery can tell how the data-gathering has gone, and whether the power supply from the solar array and its attached

battery have been sufficient to run the equipment.

When there are gaps, he and Schultz work to troubleshoot the problems.

Meanwhile, Adair, weeks away from completing her undergraduate degree in geology, checks cables for breaks and then inserts them into lengths of new, high-quality garden hose. Animals ranging from small mice to black bears can get curious and gnaw on the cables, interrupting the data. (Schultz packs along a rifle in case the team interrupts a curious bear or cougar at one of the sites.)

Because the sensing instruments pick up tiny changes in electrical and magnetic fields ranging from the surface down to hundreds of miles into the Earth, almost no metal can be used in any of Schultz's sensing devices. PVC pipe and various types of tape are key to his success.

At one site, Schultz stops in his tracks when he spots a metal bottlecap on the ground near one of his sensors, then frowns and snatches it up.

While things like bottlecaps worry him, and things like having

Joking that he only does it as a last resort, Schultz, a world-renowned geophysicist, consults the manual for his solar array.



Researchers like Schultz bring in millions of dollars that get spread around the economy, as happens when Captain Bob Pedro's Miss Linda is chartered for a research trip. PHOTOS BY DENNIS WOLVERTON



new sensing devices that gather so much data that he must devise new ways to analyze it challenge him, one of the biggest problems faced by Schultz and other top researchers is an ever-increasing demand by granting agencies for more reports and proof of more immediate practical applications for any research that's being funded.

With 10 or more projects in progress, all of them with different reporting requirements, he spends much of his time not doing research but working on budgets and writing reports. Whenever Congress reaches a budget impasse and starts running the nation on continuing resolutions, the flow of payments can be cut off and

researchers like Schultz must scramble to keep their projects going with no reliable cash flow.

Schultz notes that he and many other OSU researchers cover almost all of their own salaries and pay their assistants from grant proceeds, making them a huge bargain for the state of Oregon.

Spinrad remembers that when he was a young oceanography researcher at OSU, he was part of a small team that typically wrote one grant application each year to the Office of Naval Research. By maintaining a good relationship with the agency he could be reasonably certain that his funding would be renewed each year until their work was

done. The agency did most of the paperwork and answered outside questions about the progress of the research, leaving Spinrad and his colleagues to do their science.

"I tell that story now and people are like, 'That can't be!' In the world we live in now, a guy like Adam will be writing six or eight or more proposals a year. Let's assume four are successful for three-year grants, and that's his 12 projects in progress." Schultz says Spinrad is being quite generous, and that his success rate on proposals is actually more like 20 percent.

Spinrad finds it troubling that research aimed simply at answering important, fundamental questions is seldom supported



At left, OSU Vice President for Research Rick Spinrad is charged with growing and shepherding an enterprise that creates myriad benefits on and off campus. PHOTO BY PAT KIGHT

One of Schultz's monitoring devices, made mostly of plastic and held together with tape to avoid interference with magnetic and electrical measurements, is sent below to do its job. PHOTO BY DENNIS WOLVERTON

anymore. To get money to do their work, scientists must offer almost immediate, practical payback from their research.

"We're almost at the stage now where every taxpayer believes he or she can call up every researcher and say, 'I want to know what research result you're getting and why I should care about it,'" Spinrad said.

"Our researchers are doing what they do because they have a fire in their belly for a particular field, but they're also very smart and they know that the fire in the belly and the passion alone won't sell the mustard. Researchers now are marketers more than they ever were.

"This accountability shift demands that scientists like Adam be able to express how their research is going to mitigate earthquakes, find oil, provide renewable energy ..."

That's not bad by itself, he said.

"But it changes the environment so it's all about, 'What have you done to meet this metric, to get the result we're looking for this week?' The insidious thing about this is that we are losing the tolerance for risk-taking in research.

"It begs creative (grant) writing. It almost forces you to have completed your research *before* you write your proposal so you can guarantee results. And that's a bad situation."

Back in Central Oregon on the side of the volcano, Schultz and Peery have encountered a different kind of bad situation. Data is

By having many Adam Schultzes at Oregon State University we attract high-achieving undergraduate students, we attract post-docs, we attract other faculty who are familiar with their work because they are leaders, and all of them attract other students who want to work with them.

- Rick Spinrad

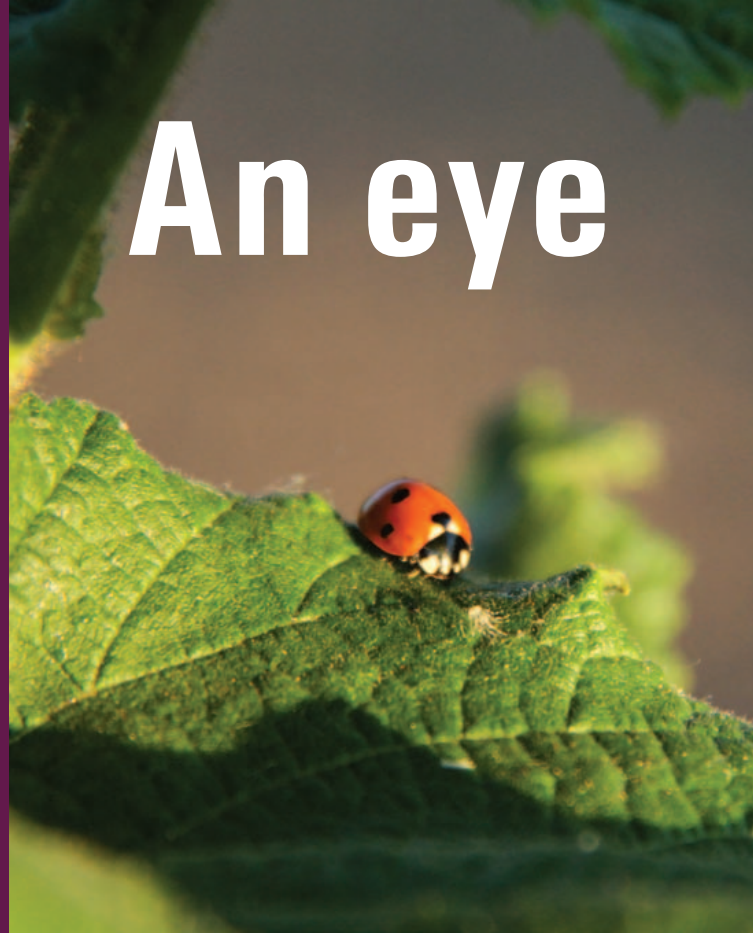
missing because of an unreliable power supply, and they need to fix the problem right now. They go back and forth with theories, wondering if the solar array is getting enough sun or if they've selected the right charging algorithm for the battery. Finally, the world-class geophysicist digs into a bag for a manual.

"When in doubt," he says with a smile, "read the directions." 🍌

Kevin Miller, '78, is editor of the Oregon Stater.



An eye



for life



Most of Betsy Hartley's favorite images capture moments in the natural world, where she spends much time in both her home life and her job in the College of Agricultural Sciences.



This marks the debut of a new *Stater* feature we're calling "Looking Good," in which we'll display a collection of favorite images each issue from a photographer who takes pictures in the course of his or her duties at the university. As director of external relations and marketing for the College of Agricultural Sciences since 2005, Betsy Hartley's title may not include "photographer," but taking photos is definitely part of her duties. Her photographs have appeared many times in the *Stater* and other publications associated with Oregon State. That her favorite images have a distinctly rural feel is no surprise. She and her father run a hazelnut and Christmas tree farm near Crabtree in the Willamette Valley, and her main volunteer passion is working with the Oregon FFA Association. (Photo of Hartley by Hannah O'Leary)

THE PRICE OF SUCCESS



OSU's booming Ecampus helped Sarah Price redirect her family history

By Tyler Hansen

Success for Sarah Stevenson Price could be measured simply by the fact that she survived her childhood, a period she calls “the black hole.” What she accomplished this spring — graduating from Oregon State University as an honor student — was the definition of a dream come true.

When asked about her past, Price recalls hunger, sorting through government-issued food with her younger sister Mandy to scrape together a cake frosting and peanut butter sandwich or some other strange concoction of “disgusting and extremely unhealthy food.”

She remembers moving 30 times by her 15th birthday, seeing her siblings sleep in a crammed laundry room and having electricity thanks only to a long, orange extension cord running from a neighbor's house.

But what motivated Price most was the fact that no one in her family ever graduated from high school, a crippling reality that never prevented them from promising Sarah and her siblings a lavish lifestyle.

“My whole childhood, my parents said, ‘We’re gonna win the lottery,’ and I honestly thought we were going to win,” said Price, now 26. “That was

their plan. I thought we just had to hold on until that day came.

“But I learned that you can’t live life that way. Good things aren’t going to fall into your lap. You have to make it happen for yourself.”

If anyone was destined for failure, it would seem to have been Price, but she has become the embodiment of self-made success, with a bachelor of arts in liberal studies earned while taking classes online through OSU Ecampus.

The thirst for education, she says, is precisely what guided her out of poverty and led to a new career path — and a private meeting with the first lady of the United States.

2012 alumna Sarah Price is training for management with Starbucks. At right, she and her daughter Lilly have fun as they work on Lilly’s homework while her son Rory plays a game. PHOTOS BY JAMES GREGG

ECAMPUS HAS A BROAD REACH

16, alone

Price had a front-row seat to her parents' perpetual struggles as they hopped from one job to the next and one town after another in Oregon and Washington during her childhood. They were occasionally homeless; their lottery numbers never hit.

It wasn't until middle school that Price began to notice just how destitute her family was.

She and her siblings often lacked adequate clothing, which was especially torturous for a teenager who wanted to wear brand-name items like her classmates.

"What I did," Price says now with a chuckle, "was take the old Tommy Hilfiger clothes that someone had given away, and I'd cut off the labels and sew them on to the clothes that actually fit me."

Somehow, Price settled in nicely at West Albany High School, located 12 miles from the OSU campus. She turned 16 in 2002 and became motivated to follow in a friend's footsteps by accelerating her studies and graduating early.

But then her mom proposed a plan that would take the family to California. Price, fed up with the aimless lifestyle, wanted no part of it.

"I told her I wasn't going to uproot everything I had going for myself in school to follow her around the country," she said. "So

By Tyler Hansen

Debora Williams woke up at her home in Florida one morning in 2009, unemployed at age 47, bored with life, lacking a college degree and living 2,500 miles from the university she wanted to attend.

Better luck next life, right?

Instead, Williams saw it as a blessing.

As a spiritual woman, she says she felt the universe tell her to finally finish her education. At Oregon State University. While living on the other side of the continent.

Such a scenario was an impossibility not too long ago, but Oregon State Ecampus has earned a reputation as one of the nation's best providers of online education — delivering OSU's proven academics to anyone, anywhere.

Williams is living proof. When her steady life was bulldozed by the economic crisis, she used Ecampus to finish her education and rebuild piece by piece.

"I was working for a transportation engineering firm for 12 years and was planning to retire, and then when the fourth round of layoffs came, it was my turn," said Williams, who earned a bachelor's degree in environmental sciences online in June. "This was supposed to be. I couldn't be happier, and I'm expecting good things to follow from this."

Those sentiments are common among a rapidly growing pool of students who earn an

Oregon State degree online. About 11,300 students — or 37 percent of the OSU student body — took at least one Ecampus class in 2011-12.

In addition, a record 402 Ecampus students received their OSU diplomas in June, adding to the evidence that suggests online learning is a viable option for a wide range of students.

"Despite their unique backgrounds, our learners all want the same thing: access to a high-quality education. And that desire for quality is what links the needs of the students to the mission of Ecampus," said Lisa L. Templeton, '08, Ecampus executive director.

"All Ecampus classes are developed by Oregon State's outstanding faculty, and the content is delivered in a flexible format that fits the busy lives of our learners."

Oregon State is not a newcomer in the distance education arena, but Ecampus has dramatically expanded its online offerings in recent years. There are now more than 30 undergraduate and graduate programs online — up from eight only four years ago — with more than 800 courses in 80-plus subjects.

This unprecedented growth has not come at the expense of quality. Ecampus is consistently ranked among the country's best online colleges. In each of the last two years, *SuperScholar.org* — which bases its rankings on "market credibility and prestige, academic quality, student support and student satisfaction" — placed Ecampus in the top 10 nationally.

Making some of OSU's most distinguished programs — such as agricultural sciences and fisheries and wildlife — available at a distance has allowed the university to strengthen its global impact.

"Oregon State has a great reputation and is one of the most progressive universities when it comes to teaching scientific courses online," said Jeff McPherson, a 2012 natural resources graduate from Golden, Colo. "The diversity of students created a unique learning environment that isn't found in a traditional classroom.

"My degree makes me eligible for jobs in my desired career field, and it gives me the confidence and knowledge that will allow me to excel."



she left, and I stayed.”

Price was homeless again, this time on her own as a high school sophomore. She was unsure where her next meal would come from — a familiar reality — but she was most concerned with finding a reliable way to get to school every day.

The only person she could count on was herself.

Challenged, undeterred

Whatever fear Price had about living on her own was replaced with a desire to accomplish something meaningful, so she lost herself in her studies, taking day and night classes to keep herself on pace for early graduation.

Eventually she got a full-time job at a laundry and, through some not-so-legal maneuvers, rented her own apartment at age 17.

Price worked weekdays from 7 a.m. to 3 p.m., and then walked a couple miles to night school, where she studied until 9 p.m. There was genuine stability in her life for the first time, and graduation was around the corner.

Then she got pregnant.

“I could’ve freaked out about it, but I don’t spend a lot of time freaking out about things,” Price said. “My attitude toward it was, ‘Oh, well. You’ve gotta do what you’ve gotta do to keep going,’ and that’s what I did.”

Undeterred and five months pregnant, she received her high school diploma in 2003 — one year ahead of schedule. It was a milestone in her life, but she was already fixated on college.

There was a slight problem, though: Price was poor. Shortly after giving birth to her son Noah, she bought a stroller on layaway from a used store. It cost \$26, and it took two months to pay for it.

College seemed like too ambitious a venture, but it wasn’t wise to bet against Price.

Ecampus, and a way forward

The joy brought about by her new son was enhanced two years later when she was admitted to OSU. Price enrolled in classes on OSU’s Corvallis campus, but her studies

were interrupted by several stops and starts. She gave birth to daughter Lilly in 2007 and tried to juggle life as a single, working mom and college student. It didn’t always work well.

At every turn, life presented another barrier between Price and her work as a liberal studies major, but nothing fazed her. Not the failed relationships. Not the persistent poverty. Not the constant stress.

In 2009 she married a Marine named Andrew Price, and she regained her footing for a while. She was inching closer to college graduation when she and Andrew welcomed a third child, Rory, to the family, and then the Marine Corps relocated the Prices to Oceanside, Calif.

Suddenly she was 1,000 miles away from Corvallis, and Andrew’s work kept him away from home for 24-hour shifts — meaning three young kids needed her constant attention.

Thanks to OSU Ecampus, Price didn’t miss a beat.

“I don’t know if I could have continued going to school without Ecampus,” she said. “Stay-at-home moms can finally advance





Ecampus was essential to Price's degree progress once the Marines stationed her husband Andrew in the San Diego area.

their education. It still requires a lot of hard work, but if you have the will to do it, Ecampus can be the way."

Her grades soared. Once a struggling student with a 1.43 GPA, Price graduated with a cumulative 3.14, having posted a 3.55 in her final two years with Ecampus.

"I've been fortunate to work with Sarah while she was on the upswing, and I didn't really have the impression that she had initially struggled," said liberal studies adviser Ashleigh Stubblefield. "She and I never discussed her past except for that she was raising children, working and going to school full time.

"It's a testament to her success that I never thought she had overcome so much and that she seemed like a 'regular' student."

The dream, realized

It was unusually difficult for Price to keep her excitement at bay as graduation neared. Through nonstop disappointment in her childhood, she instinctually stopped expecting good things to happen to her.

That's actually the way she prefers it. It means she never coasts to the finish line.

"One of our first conversations when we started dating was about how important education is, so she's always been very driven," said her husband Andrew, who met Sarah in a class at Linn-Benton Community College in 2008. "Graduation is all that hard work paying off. It's been incredible to witness her

accomplish so much and be recognized for it. It's been all desserts for her lately."

After Price shared her story with Ecampus in April came an outpouring of support and honors. OSU officials informed the White House of her accomplishments as Michelle Obama prepared to give the Commencement speech in Corvallis on June 17, and Price was fortunate enough to meet the first lady and be photographed with her.

It was an unforgettable moment for the young woman and proud graduate-to-be.

"It felt surreal. It was hard to believe that it was happening," Price said. "Even though I was a little outside of myself at the time of the photo with Mrs. Obama, it's still really cool to tell people that I met her, and I'm really excited to hang the photo on my wall."

The "desserts" kept coming, too. Later that day, OSU President Ed Ray shared Price's story with 33,000 people in attendance at Reser Stadium (and thousands more watching Commencement on television).

In September, the University Professional & Continuing Education Association named Price its Outstanding Non-traditional Student of 2012.

To top it off, she landed a manager-in-training position at Starbucks within a

**"If you have the will to do it,
Ecampus can be the way."**

month of receiving her OSU diploma.

Through all of life's turbulence, Price has become a model of success for her children, and she and sister Mandy have remained close. "We're best friends," she said.

Even her previously disconnected family in Oregon has taken notice of her success, making an effort to celebrate properly.

"My aunt had a barbecue for me in Corvallis when we were up there, and I cried

about that because I was so excited that someone thought to do that for me," said Price, who has begun writing a memoir.

"For a lot of people, of course their family would throw them a graduation party. But it's not a given for me. I wasn't expecting it."

As much as anyone, Price has earned the right to happiness. When she walked across the Commencement stage and received her diploma, it was a moment of triumph in the

face of terrible odds.

"I've always had goals for my future, and I knew school would be the key," she says. "Getting my degree is another step in making sure my kids have a better childhood than I did. That makes it all worth it."

Lottery winners should be so lucky.

Tyler Hansen is public information representative for Ecampus. 🍌



COMPUTER SCIENCE DEGREE INSTANT HIT

By Rachel Robertson

Big problems require innovative solutions, and Terri Fiez, head of OSU's School of Electrical Engineering and Computer

Science, is not one to back away from a challenge.

One of the biggest problems facing the United States is unemployment. Half of all new college graduates are jobless or underemployed, according to a recent Associated Press article. Yet high-tech companies cannot fill positions in computer science. The computing job market is still growing — 22 to 30 percent according to the U.S. Department of Labor.

Paradoxically, over the last 10 years the number of computer science graduates from the Oregon University System has not increased. Fiez saw an opportunity to make a difference for students, the industry and the economy, and partnered with Oregon State Ecampus to make it happen.

Just a year after her aha moment, OSU became the first university in the nation to launch an online computer science degree program that can be completed in one year for students who already have a bachelor's degree.

"I really see it as a jobs program," Fiez said. "It's about impacting the economy and enabling students to attain jobs with a good salary and the potential for professional growth."

The popularity of the new program exceeded expectations when 139 students from diverse backgrounds signed up for the first online classes last summer. Of those students, 32 percent were unemployed and 50 percent work less than half time. Students reported in a survey their top reasons for choosing the program were flexibility, career prospects, cost efficiency and the option to finish in a year.

Being able to earn a second bachelor's degree in 12 months was critical for John Cooney, who holds a B.A. in History from Carlton College. Cooney had been out of work for nine months when he started the OSU Ecampus program last June from his home in Minnesota.

"Every day I'd pick up the paper and see they are hiring people with CS degrees, but there was nothing for people with degrees in history or really any of the humanities," he said.

Even though he had previous experience working as a data analyst, he felt that his lack of a computer science degree was a huge drawback. But it was his brother, a computer programmer, who talked him into pursuing a CS degree.

"I had always resisted programming," Cooney said. "I thought it was way too math-heavy and a boring subject, but my brother really convinced me that it's more about solving problems."

With two programming classes and a discrete math class now under his belt, Cooney's attitude has completely changed. He plans to seek a programming job that uses higher-level computer languages.

Fiez hopes to reach more students by obtaining funding for scholarships, and she is also seeking support for two programs to assist students in securing a job: an online career fair and remote internships with partnering companies.

It seems clear the fledgling program is already addressing a need. In a 2011 statewide survey of prospective online learners conducted by Ecampus, computer science emerged as the second-most popular degree subject area after business.

"It's proof that our new computer science online program will meet the needs of adult learners and give them access to a degree highly demanded in the job market," said Jessica DuPont, '98, Ecampus director of marketing.

Oregon State Ecampus BY THE NUMBERS

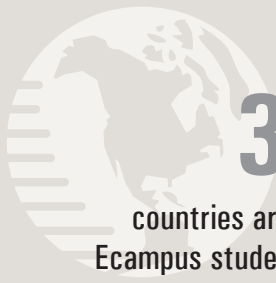
Top 10

ranking among Best Online Colleges in past two years by *SuperScholar.org*.



11,298

Oregon State students who took at least one Ecampus class last year.



30+

countries are home to Ecampus students, along with all 50 states.



402

degrees awarded to Ecampus students in 2012, a new record and a 362 percent increase since 2007.

31

Ecampus undergraduate and graduate degree programs, with more on the way.





Campaign news & updates



Animal teaching facility opens

James Edmund Oldfield, '50, left center, was joined by family, friends and others Oct. 19 at the opening of the James E. Oldfield Animal Teaching Facility, the first completed building in a planned four-building animal sciences complex. Ideally situated between several living laboratories of the College of Agricultural Sciences, the building sits at the intersection of SW Campus Way and SW 35th Street.

The new teaching and research facility includes two classrooms, four labs

and a large demonstration area, and serves a student body of nearly 500 undergraduates — an all-time high for the college's undergraduate enrollment.

Oldfield, an OSU animal nutrition scientist, discovered the role of selenium in eliminating white muscle disease, a degenerative disease of cardiac and skeletal muscles in sheep and other farm animals.

Donors to The Campaign for OSU raised nearly \$4 million for the comprehensive four-building complex, to be completed by 2014. Donor contributions, combined with matching bonds from the State of Oregon, funded the \$3.5 million Oldfield facility. PHOTO BY KARL MAASDAM



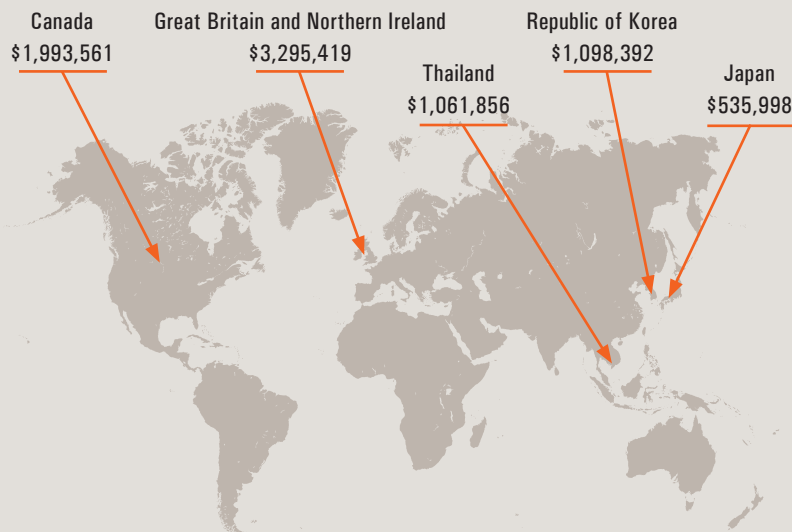
Beavers across the Pacific welcome OSU delegation

OSU Provost Sabah Randhawa, '81, right, shares a moment with OSU senior Tsz Wing Fong and her mother, Mei Yi Corrina Chung in Hong Kong in September, as part of the university's efforts to further strengthen educational, research and philanthropic partnerships around the world. Randhawa, INTO OSU Center Director Amy McGowan and OSU Foundation Senior Vice President Shawn Scoville traveled to Jakarta and Taipei in addition to Hong Kong, exploring partnerships and updating alumni, parents and friends on campus news, including the progress of The Campaign for OSU.

Beavers and friends abroad give OSU support

Donors to The Campaign for OSU have contributed more than \$855 million to university priorities, helping make the campaign the largest fundraising initiative in the State of Oregon.

Donors and friends living abroad help provide continued momentum for the campaign as they support projects ranging from research into environmental toxicology and electrical/computer engineering to helping construct new facilities including the Whyte Track & Field Complex and the planned new home of the College of Business, Austin Hall.





Austin Hall save the date • April 19, 2013

The College of Business will break ground April 19 for Austin Hall, its new home, to be located on Jefferson Way across the street from Weatherford Hall. OSU's newest academic building will begin welcoming students in the fall of 2014.

Austin Hall, named in honor of lead donors Joan, '05(H), and Ken

Austin, '54, will provide an expansive 100,000-square-foot learning environment with 10 classrooms, a 250-seat auditorium, collaborative team rooms, more than 70 faculty offices, staff and program offices, a café and event space.

Learn more: business.oregonstate.edu/austin-hall

CAMPAIGN PROGRESS • SEPT. 30, 2012

\$855,333,100

CAMPAIGN TOTAL

CAMPAIGN GOAL
\$1 billion



NOTE: An additional \$19.04 million has been raised outside of the areas listed above.

Angela, '81, and Rex Snow joined more than 300 alumni and friends at the annual OSU President's Dinner Oct. 25. The gala celebration honored a record 18 new members of Harris Society, each of whose cumulative giving to the university surpassed \$1 million in the last year. Angela Snow serves as Managing Director of Design and Operations for NIKE Inc., one of the new Harris Society members honored at the dinner.





President Ed Ray charged up the crowd at the pep rally and bonfire after the Homecoming parade. PHOTOS BY DENNIS WOLVERTON

HOME COMING




Football great Alexis Serna, '08, was grand marshal, accompanied by his wife Julie, '08, and their dog Bear.



It's not a parade without the equestrians.



Don't worry. The needles aren't really that big.

A large bonfire is the central focus of the image, with bright orange and yellow flames rising into the dark night sky. A large crowd of people, mostly young adults, is gathered around the fire, watching it. The scene is illuminated by the fire's light, creating a dramatic contrast with the dark background. The crowd is dense, and many people are looking towards the fire. The overall atmosphere is one of excitement and celebration.

The bonfire was true to this year's Homecoming theme,
"Fire it up!"

It's not their parents' library

By Ann Kinkley

A recent exploration of The Valley Library on Oregon State's Corvallis campus made it clear that — despite the internet and the digital books and other seemingly library-unfriendly developments — today's library is still *very* important to the lives of students.

There were students everywhere. Few of the more than 1,200 spots in chairs, couches, nooks and crannies were empty.

Just like in the olden days. Or was it?

How are students using the library? Do they still check out books? Do they research a class project by cruising the shelves rather than typing in a Google search box? Do they actually handle and read the latest periodicals, or ask questions of living, breathing reference librarians?

Yes, all of that still happens, but so much has changed from the humble beginnings of the “library” at Corvallis College, whose contents were kept in a closet.

Early college catalogs at OSU's precursor institutions included pleas for donations of books. Civic groups held book drives. Students joined the Adelpian Literary Society, which collected works outside of the college curriculum. After Oregon Agricultural College was chosen as Oregon's land-grant institution, the Adelpians disbanded and donated their books to the college.

Soon the library moved — this time to a collection of boxes in the basement of the new Administration Building, which would

The 1920's equivalent of “Google it.” PHOTO COURTESY OSU ARCHIVES, HC075



become Benton Hall. Eventually funds were secured to hire a non-student librarian; a room was designated, the Dewey Decimal system was incorporated and a wooden card catalog was built by the librarian, who also introduced the idea of shelves for storing and displaying the books.

According to a history of the library written by college librarian Lucy M. Lewis in 1923, the first home of the library was on the third floor of the Administration Building, “whence all but the most eager pilgrims of knowledge were loath to climb for books.”

The reading room was 60 by 40 feet and could accommodate 108 students. Early photos show them at tables, books open, hard at work. Group discussions were discouraged; the library was to be *quiet*.

The stature of the library increased when the school hired its first professionally certified librarian, Ida “Ma” Kidder, a 53-year-old widow from Illinois, in 1908. Holdings multiplied, staff grew and by 1912 the library occupied the entire second floor of the Administration Building. It was a busy place, with chairs in the reading room hard to come by.

By 1918, Kidder had successfully lobbied for funds to build a true library that also housed the first campus museum. Because of the wartime labor shortage, faculty of all ranks and students pitched in to move the library collection from the Administration Building to the new building, using a wooden causeway built between the buildings.

Kidder died just two years later.

Despite a later addition to the library, a campus that was rapidly growing required even more space for all the books, periodicals, historical holdings and student study desks.

Kerr Library was built in 1963 across the quad from the old library, renamed Kidder Hall. Kerr was expanded in 1971 and then completely remodeled and renamed The Valley Library in 1995, in honor of the Wayne and Gladys Valley family.

Today, OSU Libraries has two branches in addition to Valley: Guin Library at

OSU's Hatfield Marine Science Center at Newport and the OSU-Cascades Campus Library in Bend. The main library also is home to a plethora of departments, shared online resource sites and services.

Today's students may fill tables from the basement coffee shop all the way up and throughout the study rooms on the fifth floor, but it's also possible that a scholarly student might never walk through the library doors, preferring to do all library-related activities online.


Researchers and those who are simply curious can visit the Special Collections and Archives Research Center via digital and physical means to study rare books from the 16th century or read a sample of Linus Pauling's prolific daily correspondence.

As for those students who keep the library central to their campus life, they go to meet friends and study with partners. They bring a laptop or check out a laptop or an electronic tablet from the circulation desk. They *talk* (albeit quietly) in the library, reserve group study rooms, create video presentations, access the printers and scanners and view rotating collections of fine arts.

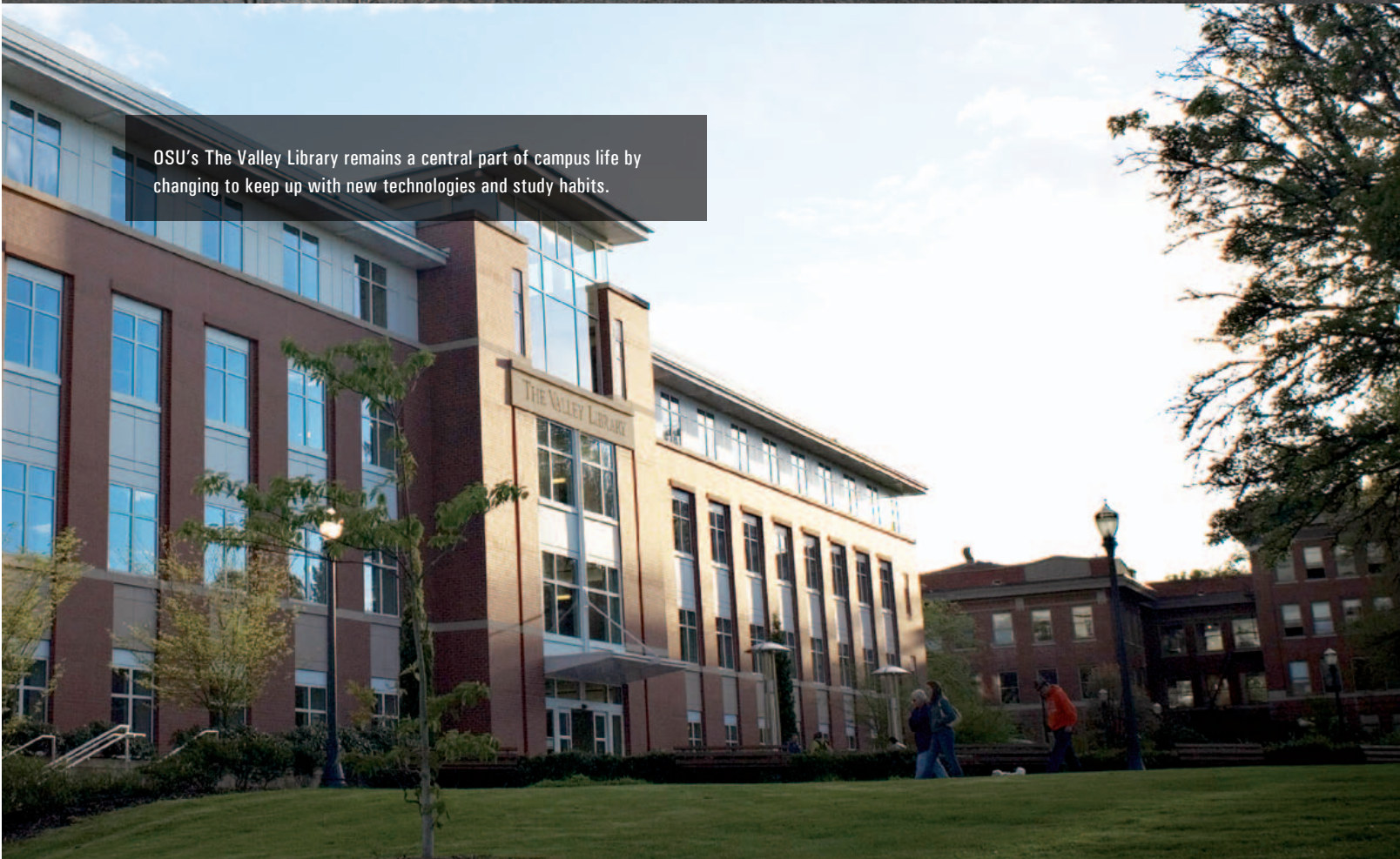
There is a photo studio for taking portraits and a childcare room called Our Little Village, where students drop off their children while studying in the building.

The library is busier than ever and continuing to expand. The building itself may not need remodeling any time soon but emerging technologies constantly create new needs and demand clever solutions. Cooperation across disciplines, agencies and campuses as well as support from donors, current students, researchers and lawmakers confirm the continued, if not increased value, purpose and outreach of one of the oldest institutions at Oregon State.

Ann Cassinelli Kinkley, '77, is history and traditions editor of the Oregon Stater. Parts of this article originally appeared in The Messenger, the OSU Libraries' biannual magazine. Thank you to Larry Landis, director of the Special Collections and Archives Research Center.



Kidder Hall was the first campus structure built to be a library. It was a showcase in the 1920s.



OSU's The Valley Library remains a central part of campus life by changing to keep up with new technologies and study habits.

Here's what you said you want

by Christi Kasten, '86

It's one of those solutions that's so obvious yet so easy to forget:

Usually the best way to figure out what people want from you is to just ask them.

At the alumni association we work to engage you, OSU's alumni and friends, in the life and advancement of Oregon State University and to enrich your lives by helping you establish lifelong connections with the university and each other. In recent focus groups with alumni and friends we asked some of you what we should be doing. Your answers showed us that we need to offer some new programs and that we are already doing much of what you want us to do, but have communicated that to too few of you.

As we revamp our programming and communications to better meet your needs, here's what we think we learned was most important to you, and a brief look at and what the alumni association offers — or will soon offer — in these areas.

Support OSU students

OSUAA supports hundreds of student scholars, making us one of the major contributors to OSU's efforts to provide access for the neediest and most qualified students. The scholarships we support range from Presidential Scholarships — OSU's top institutional awards — to freshman Legacy Awards. You may make a gift to OSU student scholars at: www.osualum.com/gift.

The OSUAA Student Alumni Association also supports current students by select-

ing and supporting student leaders who then provide programs for their fellow students ranging from just-for-fun events to gatherings to teach business manners. To find out more about SAA — including how to help — visit www.osualum.com/saa.

In partnership with OSU's enrollment management team, the association assists with recruitment events around the nation. We are told this is highly effective, and you are welcome to explore volunteering for recruiting events by emailing us at osualum@oregonstate.edu.

Grow your network

Visit our regional network web pages for information about upcoming events in your area at www.osualum.com/networking. It includes listings of upcoming career networking events, and you can learn more about all of our career-building programs at www.osualum.com/career.

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Participate in the association's annual OSU Community Day of Service on May 18, 2013, to show the world how much Oregon Staters care. You can volunteer to help host a project in your city by contacting osualum@oregonstate.edu.

Follow news about Oregon State in the *Stater* magazine in print or on your iPad at www.osualum.com/stater. Make sure you get the *Stater* and our weekly collection of

emailed OSU headlines, Beaver Eclips, by checking that your email and physical addresses are updated at www.osualum.com/address.

Attend regional alumni events in your area, which you can find on pages 44 and 45 of this issue and at www.osualum.com/events.

Keep learning

Attend regional events and OSU showcases when we bring OSU faculty and leaders to your area.

We'd love to hear from you if you have ideas about how we can better support OSU students, grow your network, build distinction and pride in OSU and promote lifelong learning. Just send an email to my attention at osualum@oregonstate.edu 📧

Christi Kasten is interim executive director, OSUAA, and interim vice president, alumni relations, OSU.



Interim Executive Director Christi Kasten greets enthusiastic Beavers at an OSU Showcase in Seattle in October. PHOTO BY CHRIS HO

University names Kasten interim director of association, associate VP

OSU President Ed Ray has named alumna Christi Bass Kasten interim executive director of the OSU Alumni Association and interim associate vice president, alumni relations.

She succeeds Scott Greenwood, who resigned in September to accept a position as chief operating officer of the alumni association at Duke University in North Carolina.

Kasten has been senior associate executive director of the association since September 2009 and has been with the alumni organization since 2005. She served as interim executive director once before, from September 2010 through July 2011.

The position reports directly to the

university president as a member of his administrative cabinet and also answers to the association's elected board of directors.

During her tenure at OSU, Kasten has helped lead efforts to implement the association's strategic plan and keep OSU's more than 160,000 alumni connected to the university and to one another. Ray said Kasten's experience in operations management and board relations has helped keep both the association and the alumni relations office running smoothly.

Joth Ricci, '91, president of the association board of directors, said a search for Greenwood's replacement will begin soon, with the goal of having someone selected by

midyear 2013.

Kasten earned a bachelor's degree in political science from OSU in 1986 and a master's degree in public administration from Portland State University in 1993. She lives in Corvallis with her husband, Jim Kasten, '87.

"I am very excited about continuing to advance our effort to reach our alumni wherever they live and work," Kasten said. "I am certain that our staff and volunteers will make sure we don't lose any of the momentum we have built up over the past few years."

Five new alumni fellows, one young alumna honored at ceremony, game

Six honorees — five alumni fellows and one notable young alumna — returned to campus to meet with students, staff and faculty during Homecoming events on Oct. 19 and 20. They were feted at a reception and dinner, and introduced to a welcoming and enthusiastic crowd at Saturday's football game.

This year's OSUAA Alumni Fellows are:



Celia Austin of Newberg. She is a businesswoman, arts patron and member of the OSU Foundation Board of Trustees, with a 1976 degree in home economics communications from OSU. She and her husband, G.

Kenneth Austin III, a 1977 OSU graduate, share many philanthropic and business successes and are also award-winning llama ranchers.



Ellen Bishop of Touchet, Wash. She is a geologist, professor and author with a 1979 master's degree and 1983 doctorate from OSU, both in geology. She is widely recognized for using her writing and photography skills,

coupled with her training and experience in geology, to advance public understanding of geology and its role in considering how humans use the land.



Roosevelt Credit of New York City. He is a Broadway singer and music teacher with a 1990 degree in music education from OSU. He most recently completed a run portraying a fisherman in the Tony Award-winning revival of "The Gershwins' Porgy and Bess."

While on campus, he performed with

campus musicians at a packed event in the MU Lounge.



Gayle Fitzpatrick of Morristown, N.J. She is an executive with Oracle Corp., with a 1978 degree in business administration from OSU. She is Oracle's group vice president for North America commercial engineered systems.



Shelton Louie of Vancouver, Wash. He is a pharmacist with a 1978 degree in pharmacy from OSU. He spent 30 years working for Fred Meyer Corp., and is founder of GSL Solutions, which

provides sophisticated automated systems for handling prescriptions in large pharmacies.



The recipient of the association's Young Alumni Award is **Bridget Burns** of Portland. Burns is chief of staff in the Oregon University System, with a 2004 degree in political science and a 2011 master's in public

policy from OSU.

Joth Ricci, '91, president of the board of directors of the OSUAA, said the association welcomes this opportunity to shine a spotlight on an accomplished group of graduates.

"All Beavers are honored when we honor these great members of the OSU family," Ricci said. The OSUAA created the alumni fellows program in 1988 to bring distinguished alumni back to campus to be honored and to share their experiences.

The Young Alumni Award was added in 2006.

Friday, April 26th

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Save May 18 for Day of Service

After shattering records in 2012 with more than 800 volunteers at 30 locations around the world — including this group at Portland's SnowCap Community Charities — Beaver alumni and friends face the challenge of continuing to grow an event that builds communities while it builds community. This year's OSUAA-sponsored OSU Community Day of Service is set for May 18, and it's not too early to volunteer to work or to lead a service project in your community. If you're interested in either, please email osualum@oregonstate.edu or visit www.osualum.com/service.



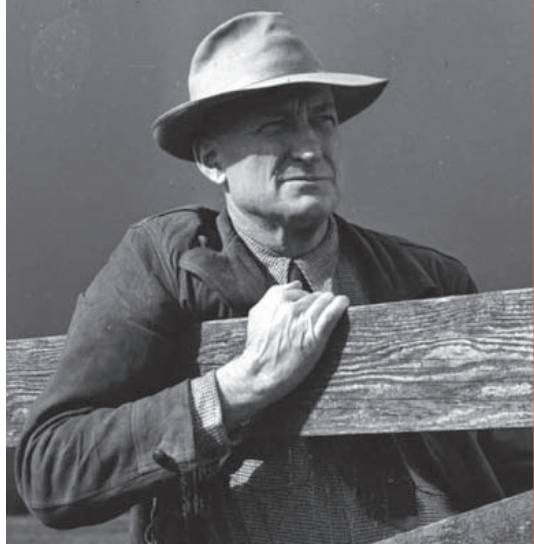
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Learn more about who E.R. Jackman was and about this program named in his honor here:

www.osualum.com/erjackman



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New hires to launch career services, continue growth of California alumni network



Kim Hutto

The OSU Alumni Association has hired Kim Hutto as its first-ever director of alumni career services and Suzanne Flores as regional network director to oversee alumni and volunteer activities for alumni in California.

Hutto will develop and implement programs to help OSU alumni establish and advance their careers, collaborating with the university's career advisers and with private-sector partners.

She has bachelor's and master's degrees from Middle Tennessee State University,

and has worked as manager of institutional customer satisfaction for the Rosetta Stone language training company, as director of alumni relations for James Madison University and as director of admissions at Watkins College of Art, Design and Film. She can be reached at kim.hutto@oregonstate.edu or at 541-737-8294.



Suzanne Flores

Flores, who replaces Kari Christensen in the California position, will also coordinate the association's efforts to connect with culturally diverse alumni and other potential affinity groups. About 10 percent of Oregon State's 160,000 alumni live in California.

Flores earned bachelor's and master's degrees from OSU in 2005 and 2007, and has most recently worked as an adviser for student activities and leadership programs at Portland State University. She can be reached at suzanne.flores@oregonstate.edu or at 541-737-3003.

Christensen has moved to the association's Portland office, where she coordinates efforts to connect with the more than 40,000 OSU alumni who live and work in Oregon's largest metropolitan area.

Christensen can be reached at kari.christensen@oregonstate.edu or in her Portland office at 503-686-0267.

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ALUMNI AND FRIENDS ACTIVITY CALENDAR

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Portland: Photos with Benny at Macy's Santaland

18
Seattle: Recent grad happy hour

JANUARY						
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02
Online: Alumni career webinar — Job search with Tony Beshara

04
Alumni and friends travel: Caribbean cruise

10
Treasure Valley: Ontario breakfast

11
Treasure Valley: Recent grad social
Treasure Valley: Idaho Stampede game

16
Alumni and friends travel: Tahitian Jewels

24
Seattle: OSU Business Roundtable
Alumni and friends travel: Pride of Southern Africa

25
Seattle: Women's basketball social

29
Portland: OSUAA family night at the Trailblazers-Mavericks game
Seattle: Recent grad happy hour

31
Portland: State of the University address
Los Angeles: Alumni happy hour
Sacramento: Alumni happy hour

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06
Online: Alumni career webinar — Social media with Joshua Waldman

08
Alumni and friends travel: Wonders of the Galapagos Islands and Quito

13
Portland: OSU Design Network social

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Seattle: Men's basketball social
Alumni and friends travel: Israel - Land of Cultural Treasures

20
Alumni and friends travel: Bangkok to Bali and the Eastern and Oriental Express

23
Alumni and friends travel: Mystique of the Orient

26
Seattle: Recent grad happy hour



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MARCH

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Alumni and friends travel: Samba Rhythms

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Online: Alumni career webinar – LinkedIn with Donna Serdula

07

Seattle: Pac-12 Women’s Basketball Tournament

08

Phoenix, Arizona: Destination OSU

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Portland: OSU Business Roundtable

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Alumni and friends travel: Mystical India

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Seattle: Recent grad happy hour

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San Jose: Greek gathering



APRIL

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03

Online: Alumni career webinar – Personal brand with Sherri Thomas

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Alumni and friends travel: The Masters Golf Tournament

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Portland: Orange and Black Showcase

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San Diego: Recent grad social

Treasure Valley: Ontario luncheon

Treasure Valley: Family fun pizza night

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Treasure Valley: Theater: “The Red Velvet Cake War”

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Alumni and friends travel: Africa’s Wildlife

26

CH2M Alumni Center: OSUAA Spring Awards

30

Seattle: Recent grad happy hour





This year's hoops squad will always have Paris & more

by Kip Carlson

Whatever ups and downs the men's basketball season may present this year's Oregon State Beavers, they'll always have Paris. And Barcelona. And Madrid.

OSU took some big steps — well over 10,000 miles' worth — in preparation for the 2012-2013 campaign this past summer with a nine-day excursion to the three European cities. Oregon State won all four of its games on the trip, playing professional competition from France and Spain.

What was your favorite food or dish?

Angus Brandt: 300 gram rib-eye steak stuffed with bacon and cheese.

Joe Burton: The mixed grill plate at Beef.

Ahmad Starks: Fish sandwich at McDonald's.

(From an osubeavers.com list of player reactions to their trip)

But the chance for some summer practice sessions and a head start on blending in a talented group of freshmen was matched, if not exceeded, by the chance to share unique experiences with teammates.

"We just had a lot of fun as a group," junior guard Ahmad Starks said. "We bonded going different places, events, stuff like that.

"We just had a lot of

fun, and I'm always going to remember that."

Head Coach Craig Robinson said finding quality opponents was complicated by 2012 being an Olympic year, with many European players playing on their national teams and not joining their regular teams until after the Beavers had completed their trip. Spain — the site of three of the games — was chosen for currently having the top professional basketball in Europe.

"The Spanish teams are really good," Robinson said. "The second-division Spanish teams are as good as the first-division teams in other countries."

Even on domestic road trips away from the West Coast, Robin-

son stresses learning experiences away from basketball. Once the games in Europe had been scheduled, OSU's staff told the company arranging the trip that the Beavers wanted to have as many cultural experiences as possible.

While the itinerary was a full one, OSU coaches also made sure to include free time for players to go exploring on their own.

"It's a delicate balance," Robinson said of mixing "must-see" events with personal time. "Because one of the best parts of traveling and learning about a new culture is the free time you have on your own when you can explore without a tour guide. And the guys did a great job of immersing themselves in the culture ... they tried indigenous foods, they hung out with the people in the different cities and towns. It was fascinating to watch them."

Several of the Beavers had been overseas before: Junior guard Roberto Nelson had taken part in a Beavers Without Borders trip and Starks' family had taken a European cruise the previous summer.

But for many this was their first look at Europe, and they got at least a little preparation for what to expect.

"Not much, only what Coach Rob told us," Starks said.

"Just be careful, a lot of countries have pickpockets and stuff like that so be careful about that. Be respectful to everybody."

The minimal formal preparation was by design.

"We just let them do it on their own and do some research on their own," Robinson said. "We had a tour guide from the company that gave us a little bit of a briefing before we left, but nothing big. And that was about it.

"We just told the guys we're guests in another country and you want to act appropriately, and we kind of let them have at it."

Which, Nelson said, was no problem given that this is a pretty disciplined group of Beavers.

What was the best gift you bought and who did you buy it for?

Daniel Gomis: I bought the "I love Paris" shirt and I bought a Cristiano Ronaldo jersey.

Eric Moreland: I bought a Paris bag for a friend.

Victor Robbins: The paintings I bought in Paris for my mom.

Coach Craig Robinson likes to build learning experiences into road trips whenever possible, and this summer's journey to Europe provided many such opportunities. PHOTO COURTESY OSU ATHLETICS.

“Most definitely,” Nelson said. “When you have a coach like that (Robinson) who’s really disciplined and stays on us about that, it’s just kind of easy.”

On the Beavers’ first full day in Europe, they toured Paris by bicycle — with the tall bodies maneuvering bikes through the streets drawing stares. The ride included stops at The Louvre museum, La Tour D’Argent restaurant, Napoleon’s tomb, the

What moment made you laugh the loudest?

Daniel Jones: Watching Eric (Moreland) and Devon (Collier) and Jullian (Powers) trying to order ice cream in Paris.

Michael Moyer: When the door closed on Coach Rob and his shoe fell off and he had to walk with one shoe.

C.J. Mitchell: When (Daniel) Jones went up and danced.

Love Bridge — and the apartment in which Doors singer Jim Morrison was found dead. They walked through Notre Dame Cathedral, ventured to the top of the Eiffel Tower, and climbed to Sacre Coeur, the highest point in Paris.

In Barcelona, there was the Olympic Stadium and a chance to practice in the same arena where the original “Dream Team” won Olympic gold in 1992. In Figueres, the Beavers toured the Salvador Dali museum. There was also the evening when the Beavers’ team dinner was at a Flamenco dancing show and junior center Daniel Jones was called on stage to strut his stuff.

“I have to tell you, they were pretty open-minded about everything,” Robinson said of his team. “We started off at the Dali mu-

What was your most memorable sightseeing experience?

Assistant coach Doug Stewart: Bicycle tour in Paris.

Joe Burton: That Dali museum in Barcelona.

Jullian Powers: Being at the stadium where the 1992 Barcelona Olympics were for the Opening Ceremony.



A self-guided bicycle tour in Paris provided learning experiences for everyone and bicycle-fitting challenges for some of the players. PHOTO COURTESY OSU ATHLETICS

seum; I thought they did a great job in not getting bored with that, they really enjoyed that. Then we had some walking tours that could get kind of tedious but they were very engaged with the tour guides ...

“They did a terrific job in being receptive

What was your highlight of the trip?

Langston Morris-Walker: Seeing people form lifetime relationships.

Michael Moyer: Hanging out with the team in a different country.

Jullian Powers: Bonding with everyone.

to new things. Every single extracurricular activity we had, they attacked with enthusiasm.”

One of the most-anticipated events on the trip came in Barcelona as they watched a match in one of the world’s most storied soccer rivalries, FC Barcelona vs. Real Madrid in the Spanish Super Cup. The Oregon State group was among 92,000 fans at Camp Nou Stadium, perched in upper-level seats. The fans made an impression.

“I mean, the only thing that could come close is going to an Oakland Raiders game and being in the Black Hole with the fans,” Nelson said. “It’s like that, but the whole stadium, 100,000 people — that’s pretty much what it’s like.”

When it came time for business — practices and games — the Beavers were able to focus. They gained valuable playing time against outside, top-flight competition that should pay off this winter and they had to

adapt to a different style of play.

“They’re more strict with their passing where we’re more up-and-down, a little flashier,” Starks said. “We had to learn how to stop their style of play because we’re not used to playing against that, so that was a good thing. And playing against professionals was a good experience.”

The NCAA limits programs to taking an out-of-season foreign trip once every four years. Oregon State’s timing was fortuitous; this was the first year incoming freshmen

What surprised you most about the basketball games in Europe?

Head Coach Craig Robinson: How hard it is to adapt to the different rules.

Challe Barton: There were a lot more calls than I’m used to.

Daniel Gomis: The flopping.

were allowed by the NCAA to make the trip so OSU’s four rookies got an early start on getting into the mix.

“That gave them some college-game and pro-game experience before they got their normal college games,” Robinson said. “And that experience is immeasurable.”

Robinson sends his team’s thanks to the boosters and donors who made the trip possible.

“We got an early chance to bond off the court,” Starks said. “Which I believe is going to help us out more in the long run on and off the court.” 🍌



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Pac-12 IMPACT

by Kip Carlson

It didn't take long for Steve Simmons to get a feel for how the Pac-12 Networks was going to affect his program.

"Our first televised game against UC Irvine, there's a young man from California that was very interested in UC Irvine, watching the game," said Simmons, Oregon State's men's soccer head coach. "He saw us play, and he goes, 'I like you guys better; here's my resume and let me know if you're interested in me.' It was that type of difference."

The availability of football and basketball games to viewers was the highest-profile ramification of the Pac-12 Conference launching its own set of cablevision networks this fall. But the effect of the move goes beyond those two sports, beyond the multi-million dollar payments each school will receive, and beyond the fan looking to plop down on the couch and take in a game.

Taras Liskevych, OSU's head volleyball coach, noted that in 2011, there were 11 Pac-12 volleyball matches televised via tape delay. This year, he notes, that number jumps to 82 matches televised live.

"So just that impact," Liskevych said. "Then they repeat all the games over and over again; it's just great coverage for us. I think it's going to make a difference in the long run for the league and for volleyball, and that's what one wants to see. For sure, I feel it's a big positive affect."

With Oregon State's volleyball team and men's and women's soccer teams all off to winning starts this autumn, it was a good time for the programs' heightened visibility. The televised action may have increased the chance that at least a few Beaver fans in Corvallis for a football weekend found their way to Gill Coliseum or Lorenz Field to cheer on another OSU squad.

"Exactly," Simmons said. "And I think at the end of the day, if you're an OSU football fan, you bleed orange and black first, which is for Oregon State, and you're going to be a fan of all things that are Beavers. So if your teams are doing well outside of football, it's just another thing to be proud of. There are a lot of things to be proud of. And I think to have that kind of exposure on the Pac-12 network is huge."



Men's and women's soccer are among the OSU sports whose coaches and players see big benefits in the exposure provided by the Pac-12 Networks. Opposite page: Junior Brandi Dawson dribbles during a match at Lorenz Field. Below left, sophomore Khiry Shelton wins a ball, and below right, senior Roberto Farfan sets up a header. PHOTOS COURTESY OSU ATHLETICS



OSU women's soccer head coach Linus Rhode said he's gotten more well-wishing from faculty when he walks across campus. Liskevych points to the increased visibility to OSU's student body and its response at volleyball matches.

"So that gets anybody who sees the Pac-12 Networks to say, 'Hey, there's a lot going on there and their students are involved in volleyball games,'" Liskevych said. "It gives the institution exposure, it gives the athletic department exposure, it gives the student body exposure — all of that.

"It's a great way to showcase all of the above: the university, the athletic department, volleyball in general, the volleyball team, the student body and the Pac-12. It

showcases the Conference of Champions."

As Simmons found, that can help when it comes to recruiting against non-Pac-12 schools. The visibility on the networks, displaying what OSU can offer, may also help when it comes to attracting athletes who are being recruited by other schools in the conference but haven't been familiar with OSU.

The televised competitions are also a chance for the Olympic sports to forge a tighter bond with their former players.

"We've gotten quite a few e-mails this year saying, 'Hey, I saw you guys on TV, you looked great,'" Rhode said. "It's huge to keep a connection going with the alumni, and they feel a part of it again. That's been

fantastic as far as that goes."

The way it has played out was called out early on by one of OSU's coaches.

"(Football head) Coach (Mike) Riley mentioned early on, in August, the impact of the Pac-12 Networks," Simmons said. "He said things would be impacting the sports that have not gotten the exposure in the past, and he's spot on."

And that's just the initial effect.

"It's only the first year we've been up and doing it, so to me it's only going to get better and better," Rhode said. "And I'm sure the Pac-12 will come up with new ways to add some twists to the presentation, but so far I think the athletes and fans have been super-happy with it." 🍌

Guatemala's children pull her back



EmilyAnne Pillari, at right with striped shawl, was drawn to return to Guatemala. PHOTO COURTESY EMILYANNE PILLARI

guished athletes in the U.S. — one amateur and one professional from any sport — who best display character, teamwork and citizenship.

Pillari's goal of graduating next spring has meant a workload not allowing much time for the non-profit, but she's still seeking a way to get soap to the school. Ideally, rather than raising money to purchase the product each year, she'd like to find a corporation that would take care of it on an annual basis.

Down the road, degree in hand, Pillari has dreams of service that go beyond Guatemala. The mission statement on For the Children's still-under-construction website reads: "Our mission is to improve the health status and standard of living of children around the world."

In the years or decades ahead, Pillari would eventually love to have branches abroad and in the United States, with a variety of programs that could include distributing health products, health education, female empowerment, building and enhancing homes ...

"Ideally, I would do everything," Pillari said. "But I don't know where I'll end up."

For her first trip to Guatemala, Pillari was attracted not by the chance to travel, but to serve others. And that was why she made the second trip to the Central American country less than a year later.

"I just wanted to go back," Pillari said. "I mean, I wanted to go back to the kids, I wanted to go back and do more. Spending 10 days and building one house wasn't

enough for me; I needed to do more than that.

"I needed to see more and I needed to do more, more importantly."

Pillari was able to make her return trip earn academic credit for a practicum and an independent study project, aided by Karen Elliott, '07, an instructor and undergraduate internship coordinator for the College of Public Health and Human Sciences at OSU.

"I wanted credit, but I also thought it would be a really cool statement by the university to be endorsed by the university, saying 'this is something we support,'" Pillari said. "It changed it a little bit; I was a representative of America and of OSU."

Pillari arrived at OSU planning to study engineering, and she loved the math and science of it. She also considered being a nurse like her mother, Roseanna, and took an interest in public health, the field in which her father, George, works.

"Then I fell in love with my classes," Pillari said. "I never thought I'd love classes, but in my public health classes it was like, 'This is so cool! What my dad does isn't so boring.'"

For someone who says, "School has always been the enemy for me — I don't like to sit in the classroom," that was a huge switch. "I learned to appreciate it a lot this summer," Pillari said. "I was, 'Oh, wow, I hate sitting in a classroom but it does me a lot of good.' I became aware of how much I actually have gotten from school ... I never

thought it would be so applicable, that what I did there would be so applicable to my schooling."

While she was working in the hospital in Guatemala, Pillari said, she knew she had to finish her degree.

"I want to come back and have all that knowledge," she said. "I want to be able to finish and

have all that knowledge other people don't." For more on EmilyAnne Pillari's trip this summer, visit her blog at emilyannepillari.wordpress.com/



Pillari's desire to return and help the children of Guatemala has grown stronger on each of her two trips.

by Kip Carlson
This summer, while volunteering at the Benediccion de Dios school in Guatemala, EmilyAnne Pillari noticed something unusual about the restrooms.

"As a public health major, I was like, 'Oh my goodness! You don't have hand soap? Hand washing?'" Pillari recalled. "The principal told me it was a money issue.

"I said, 'When I get back, I'm going to find a way to get you hand soap and toothpaste and toothbrushes'" — two other oft-scarce items in the country.

Two trips to Guatemala have left Pillari, a coxswain for Oregon State's men's rowing team, intent on finding ways to aid residents of developing nations. She initially visited the country as part of a Beavers Without Borders venture in December 2011; this past summer, she volunteered as a nurse's aide at Casa Jackson, a center for malnourished children near Antigua, Guatemala, and as an English teacher at the school.

Upon her return, Pillari formed her own non-profit organization, "For the Children." For her work, Pillari has been nominated for the Coach Wooden Citizenship Cup. The award is presented annually to two distin-

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 Frank N. Fredrickson, '69
 Bruce J. Gilbertson, '69
 Judy Fjelland Gilbertson, '70
 Catherine Rea Gray, '68
 Charonda Hermens

Michael W. Hermens, '91
 Christie Morgan-Clark
 Kjelland, '84
 Mark W. Kjelland
 Emily Liu, '97
 Lauren Lucht, '12
 Janet Milne
 William S. Milne, '65
 Carl E. Moen, '11
 Ryan A. Moore, '11
 William T. Morris, '71
 Elizabeth Murray, '12
 Mark G. Neil, '76
 Mary Susa Neil, '77
 Kim Olson, '10
 Maryjane Peden
 William D. Peden, '63

Alyssa Pinney
 Steven E. Pinney, '80
 Rodney A. Prell, '98
 Judith Mikkelson Read, '67
 Robert J. Read, '65
 Joan Ritchey
 Roger G. Ritchey, '63
 Heather Runes, '01
 Lynne Schauble
 Steven Schauble
 Donna Sedivy
 Gary A. Sedivy, '69
 Justin J. Silbernagel, '08
 Kendrick J. Simila, '62
 Patricia Simila
 Jenna Showell Smith, '95
 Ryan K. Smith, '95
 Paul A. Spilsbury, '87
 Paula Spilsbury
 Kari Stoffer Stuhmer, '71
 Kenneth C. Stuhmer
 Doreen Westin Vail, '60
 Greg A. Winklesky, '88
 Pamela Winklesky
 Amy Hokama Zbylut, '07
 John P. Zbylut, '06

APPOINTMENTS

Paul D. Kelley, '79, Seattle, is account manager/corporate support for Puget Sound Public Radio KUOW.

Irene Anton Hazou, '80, '87, has been appointed the vice president for academic affairs at Bethlehem University, the first time in the history of Bethlehem University that a woman and a Palestinian has held this position.



Anne W. Sibley, '82, is a commercial insurance account manager at Davidson Insurance of Vancouver, Wash.
Renee Anderson Newman, '91, is senior

vice president and director of the Wealth Management Group at Sterling Bank, Vancouver, Wash.

Kyari Abba Bukar, '92, is managing director of Central Security Clearing System, the clearing house of the Nigerian stock market.

Nichole Maher, '01, is president of Northwest Health Foundation in Portland.

Christina Canto, '03, is brewmaster at Rogue Ales Track Town Brewery in Eugene.

Rebecca Concepcion, '04, '08, associate professor of kinesiology at Saint Mary's College of California, is secretary-treasurer for the Association for Applied Sport Psychology.

Christopher Adrien, '11, is a writer at *WallStreetSectorSelector.com*.

AWARDS

Dr. Carl Thornfeldt, '75, was the 2011 Innovator of the Year at the Idaho Innovation Awards. He is president of the faculty senate and chair of the managed care strategies committee for OHSU Healthcare,

as well as founder and CEO of Episciences, Inc., a skin care company based in Boise.



Clark Seely, '77,

received the John A. Beale Memorial Award, one of nine 2012 national awards from the Society of American Foresters.

Casey Brock, '02, operations officer for 1st Battalion, 5th Marines, was awarded the Leftwich Trophy for Outstanding Leadership from the Marine Corps Association.

P. Wes Crawford, '06, '08, an agriculture teacher at Sutherlin High School, is one of five regional winners of the National Association of Agricultural Educators' National Agriscience Teacher of the Year award.

OTHER NOTES

Chuck Wenstrom, '60, has written a biography of his friend Don Essig, '60, *It Never Rains in Autzen Stadium*. Essig is the longtime stadium announcer for the Oregon Ducks.

Patrick Wolfe, '74, Tigard, is director of finance and accounting for Cricket Debt Counseling.

Rick Allen, '75, is owner and head brewer and his daughter, **Lisa Allen**, '05, is assistant brewer at Heater Allen Brewing in McMinnville.

Mindi Helmandollar, '09, teaches fourth grade in Ogden, Utah. She celebrates going to college, especially OSU, with her students each day in class. <http://oregonstate.edu/dept/ncs/lifeatosu/2012/utah-fourth-graders-become-beaver-believers/>

MILESTONES

David Edling, '69, Colorado Springs, Colo., retired after 35 years of law practice, the last 12 as a mediator and arbitrator with Peacemaker Ministries of Billings, Mont. He previously retired from the U.S. Coast Guard in 1999 as a captain with over 30 years of combined Navy and Coast Guard service. His first book, *Redeeming Church Conflicts*, was published by Baker Books in May 2012.

OBITUARIES

Edythe Walker Cavender, '34, Santa Barbara, Calif. *Chi Omega*

Josephine Kidd Mason, '34, Palo Alto, Calif.

Donald P. Eckman, '36, Portland. *Delta Tau Delta*

A. J. Weiks, '36, Olympia, Wash. *Pi Kappa Phi*

Dorothy F. Revell, '38, Anchorage, Alaska.

Edward L. Minoggie, '39, Portland.

Alnora Pierce Bishop, '41, San Diego, Calif. *Delta Delta Delta*

Corinne Harrington Cox, '41, Post Falls, Idaho. *Pi Beta Phi*

Fred W. Durbin, '41, Menlo Park, Calif.

Kappa Sigma

Edward J. Geiger, '41, The Dalles.

Euzetta Holeman McKee, '41, Newberg. *Delta Zeta*

Robert H. Skinner, '41, Eagle, Idaho. *Alpha*

OBITUARIES

Gamma Rho

Dortha Elliott Underhill, '41, Warden, Wash.

Francis L. Van Veen, '41, '42, Spokane, Wash.

Jean Lawrence Sander, '41, '70, Tillamook.

Marie Bosch Madson, '42, Salem. *Alpha Delta Pi*

Donald L. Peters, '42, Mercer Island, Wash. *Delta Chi*

George W. Harnik, '43, Stamford, Conn.

Grace Strasser Rydman, '43, Chandler, Ariz. *Chi Omega*

Robert W. Isensee, '43, '48, San Diego, Calif.

Margaret Mellen Hall, '44, Carmichael, Calif.

Mariellen McCracken Harper, '44, Corvallis.

Margaret Snyder Howland, '44, Bend. *Kappa Kappa Gamma*

Jule West Spesock, '44, Renton, Wash.

Marie Hansen Buckner, '45, Eugene.

Alice Arnsbarger Burnette, '45, Portland. *Delta Zeta*

Ellen "Roxie" Howlett, '45, Portland.

Dorothy Hutchinson Ezell, '46, Klamath Falls. *Kappa Alpha Theta*

Jean Gaines Hurner, '46, Renton, Wash.

Walter S. Vincent Jr., '46, '48, South Chatham, Mass.

Edward A. Boyer, '47, Walnut Creek, Calif. *Alpha Sigma Phi*

Melvin C. Jenks, '47, Tangent.

Norma Ross Maris, '47, Issaquah, Wash. *Pi Beta Phi*

Mary West Stovall, '47, Coos Bay.

F. Elise Swan, '47, Gresham. *Alpha Gamma Delta*

Frederick G. Meyer, '47, '50, Ridgefield, Wash.

Harold F. Downie, '48, Austin, Texas.

Robert F. Grafe, '48, Beaverton.

Wayne O. Harris, '48, Pendleton.

Ann Anderson Mast, '48, Coquille.

Jack W. Ratcliff, '48, Rochester, N.Y.

Edward J. Wittmann, '48, Seattle, Wash. *Pi Kappa Alpha*

Ivan J. Cherry, '48, '51, Alpine, Calif.

Robert E. Bareinger, '49, Corvallis.

Philip G. Blohm, '49, Everett, Wash.

Lambda Chi Alpha

Jack N. Byland, '49, Brookings. *Lambda Chi Alpha*

George F. Cole, '49, Seaside. *Kappa Sigma*



Pat Wolfe, Class of '74
College of Business
(pictured with wife—Helen Sunderland Wolfe, '74)

Ever since my days of playing trumpet in the marching band and pep band I have been a Beaver Believer. I had never participated in any OSUAA events or organizations. That was, until Dave Chin invited me to attend a Business Round Table luncheon. And now a few years later I am the current chair of the Portland BRT.

Our luncheons afford the opportunity to meet fellow alumni and hear about the successes of other OSU alumni. Our season is capped off with President Ed Ray's "State of the University" address in late January.

"Networking and fellowship are always easier when we all belong to the family of 'Beaver Believers'."

The alumni association supports diverse programming in many regions. To learn more about opportunities to get involved in your area, visit www.osualum.com. For more information about the Business Round Table, visit www.osualum.com/BRT.

OSU
Alumni
Association



If you'd like to get involved in Portland, contact
Kari.Christensen@oregonstate.edu
541.737.3003

OBITUARIES

Harry A. Dozier, '49, Portland. *Kappa Sigma*
Chester H. Ferguson, '49, Mercer Island,
 Wash.

James M. Lemert, '49, Junction City.

William M. Lindsey, '49, Klamath Falls.

Bob H. Napier, '49, Brunswick, Ga.

Jack W. Steward, '49, Florence. *Pi Kappa
 Phi*

M. Ken Hosler, '49, '51, Wilsonville.

Clayton K. Ansell, '50, La Grande.

Richard G. Ballantyne, '50, Salem. *Sigma
 Nu*

K. Jim Pearce, '50, Lake Oswego. *Alpha Tau
 Omega*

Robert G. Mangers, '50, Eugene.

Leland T. Pearce, '50, Reno, Nev. *Delta Tau
 Delta*

David C. Peters, '50, Palm Desert, Calif.

Ross Petrie, '50, Portland. *Phi Gamma Delta*

Roderick "Jack" Ray, '50, Olympia, Wash.
Pi Kappa Alpha

August C. Giering, '51, Salem. *Pi Kappa Phi*

Roderic W. Gilstrap, '51, Cove. *Beta Theta
 Pi*

Marjorie Scroggin Gilstrap, '51, Cove.

Richard M. Lemmon, '51, Pendleton. *Alpha*

Tau Omega

Beth Pitman Murphy, '51, Apple Valley,
 Calif.

Paul J. Sorbets, '51, Waikoloa, Hawaii.

Ronald W. Kelleher, '52, Portland. *Sigma
 Phi Epsilon*

Merlin J. Noble, '52, Salem.

Gilbert G. Robinson, '52, Bellingham,
 Wash.

Wallace R. Stinson, '52, Klamath Falls.

Joseph R. Werning, '52, Napa, Calif. *Sigma
 Phi Epsilon*

Harold E. Balin, '53, Klamath Falls. *Delta
 Upsilon*

Everett S. Beals, '53, Nampa, Idaho.

Virginia Corrie Cozart, '53, Salem. *Pi Beta
 Phi*

George A. Error, '53, Kailua Kona, Hawaii.
Kappa Sigma

Elsie Halliday Hatch, '53, Beaverton.

Sherman O. Hess, '53, Portland.

John R. Hughes, '53, Ilwaco, Wash.

Ethel Doyle Barstow, '54, Spokane, Wash.

Basil L. Edmunds, '54, Kailua Kona,
 Hawaii. *Theta Xi*

Edwin R. Baldwin, '55, Thomasville, Ga.

G. "Jerry" Brandt, '55, Suttons Bay, Mich.

Suzanne Skelton Nipp, '55, Naples, Fla.

Alpha Chi Omega

Edward A. Hamilton, '56, McDonough, Ga.

Ruth Stermer Park, '56, '63, Lebanon.

Joseph C. MacDonald, '57, Columbus, Ga.

Alpha Tau Omega

Theodore Myrick, '57, Kailua Kona,
 Hawaii.

Leroy L. Porter, '57, Columbia Falls, Mont.

Clyde N. Sedgwick, '57, Scottsdale, Ariz.

Delta Chi

Vaughn G. Sterling, '57, Bellevue, Wash.

Oakes K. Ames, '58, Lakewood, Wash.

Patricia Wahl Peterson, '58, Salem.

Joe G. Bergstad, '59, College Station, Texas.
Pi Kappa Phi

Joel T. Kooken, '59, Hillsboro.

Norman L. Patterson, '59, Salem.

Melvin H. Breitsprecher, '60, Sequim,
 Wash.

William M. Gronquist, '60, Sierra Madre,
 Calif. *Alpha Tau Omega*

Nancy Parr, '60, Beaverton. *Delta Gamma*

Eugene C. Freeman, '60, '66, Albany.

Ken A. Jacob, '61, '63, Olympia, Wash.

Answers to Pop Quiz (questions on page 14)

- E.** All of the above. Americans on average consume a large excess of sodium, refined grains, added sugars and solid fats like butter, hydrogenated oils and lard. Dietary guidelines also recommend that Americans increase their whole grains, fruits, vegetables and dairy products.
- FALSE.** There is little scientific evidence that shows organic foods offer better nutrition than their non-organic counterparts. There are many organic food products that are still loaded with salt, fat and sugars.
- TRUE.** Many high-salt foods don't taste salty at all. 75% of our sodium comes from consuming processed foods. Read your labels.
- FALSE.** Just because a food is labeled "low-fat" or "fat-free" does not mean it's always a better nutritional choice. For example, fat-free cookies have the same amount of sugar and calories, or often even more, than regular cookies. Read your labels.
- TRUE.** Attaining a desirable weight isn't enough to be healthy — make nutritious choices and keep active no matter your age or body type.
- C.** One-half of your grain servings should be whole grains. Enriched refined grain products provide some vitamins and minerals, but not the fiber provided by whole grains. For everyone age 9 and older, this means eating three to five servings or more of whole grains every day.
- FALSE.** 'Going gluten-free' doesn't mean you don't eat grains or other carbs; a gluten-free diet can be one rich in complex carbohydrates and fiber. Fruits and vegetables are nutritious carbohydrate sources. There are actually more grains that are gluten-free than ones that contain gluten, such as buckwheat, corn, millet, quinoa and rice. Oats are also naturally gluten-free, so look for varieties that say they are processed in a gluten-free facility.
- A.** A whole grain includes the entire grain seed, or kernel. Examples of whole grains are popcorn, wild rice, buckwheat, bulgur, millet, oatmeal, quinoa, rolled oats, brown rice, and whole-grain barley, rye and wheat. These foods may be eaten by themselves or found as ingredients in such foods as bread, cereals and crackers. Multigrain bread usually is not 100 percent whole grain.
- B.** The first grain listed should be a "whole" grain, and the whole grain should be either the first ingredient or — if water is listed first — the second ingredient. Look for the word "whole."
- D.** According to recent national surveys, less than 5 percent of the population consumes the recommended levels of whole grains.

Football alumnus Croom knows, shows keys to academic success



For OSU football players, a typical fall weekday starts with five hours of weightlifting, meetings with coaching staff, medical care and practice on the field, with breakfast squeezed in. There's just time for a quick shower and lunch before class in the afternoon — and all players must take at least 12 credits.

There's precious little down time, and students have to use their available study time well. But resources are provided to help all Oregon State student-athletes succeed in the classroom as well as in their sports.

"I can't imagine what my experience would have been like without Academics for Student Athletes; I definitely wouldn't be where I am today," said Howard E. Croom III, '10, '12, reflecting on the program that provides one-on-one support through sport-specific academic counselors.

A standout tight end on OSU's football team from 2006 to 2009, Croom talked about the importance of academic support services at the grand opening of the OSU Student Success Center on September 18.

Located across the street from Reser Stadium and Gill Coliseum, the three-story facility provides a central location for academic support programs, counseling services and learning laboratories, serving the general student population as well as student-athletes.

Croom participated in the first BEST (Bridge Encouraging Successful Transition) Program, which helps new student-athletes acclimate to the university, take their first credits, learn about campus resources and develop study habits and time management skills needed for college-level learning. Prior to the launch of BEST in 2006, football had a 54% graduation rate; now 80% of football players are retained or graduate. Athletes from 13 of Oregon State's 17 intercollegiate sports teams participated in the program last summer.

Howard Croom, who knows the benefits of academic support from the student-athlete and the staff perspective, was one of the main speakers at the dedication of the \$14 million Student Success Center. PHOTO COURTESY OSU FOUNDATION

Yet Croom did not only benefit from these support services. After completing his senior football season, he managed the required study hall for student-athletes. He was encouraged to enter a master's program in public policy, and held a graduate teaching assistantship as an academic counselor. Coming full circle, for the past three summers he served as the assistant — and later acting — coordinator for the BEST Program.

Now he has left his campus work to pursue the focus of the research that earned him a master's degree — health care access for underserved populations — in a career in non-profit health advocacy in Portland.

Meanwhile BEST has a new home in the Student Success Center, along with the similar September Scholars program that serves the general student body.

"OSU has always had places for tutoring and academic support. To have them under one roof may not seem like a big deal, but if they're scattered it can deter you from getting the support you need," Croom said at the grand opening. "This building takes many obstacles away and is really going to facilitate more learning for athletes and the campus as a whole."

The \$14 million center was made possible by donors to The Campaign for OSU and matching bonds from the State of Oregon. It is one of 23 major facility initiatives in the \$1 billion campaign.

— Cathleen Hockman-Wert

Alumna excited to help her alma mater build a university in Bend

Marla Cline Hacker's mother wanted one thing for her daughter — for her to go to college.

"No one in my family had gone to college, and my mother believed a college education would provide options, was key to landing a good job, would help me take care of my family," recalled Hacker, '80, dean of academic programs at Oregon State University — Cascades. "She was right — going to college changed my life."

Hacker attended OSU in the late 1970s, when disco was in and football was lousy. As an undergraduate student in industrial engineering, she loved the small class size, getting to know her cohort and the relationships with professors — characteristics she values about OSU-Cascades today.

"I enjoyed the coursework immensely," said Hacker. "But my fondest memories are of my classmates and professors."

One of those classmates was a graduate student in the cubicle next to her. His name was Sabah Randhawa, '81, and he and Hacker would cross paths again at OSU. Today, Randhawa is provost and executive vice president of OSU.

Upon graduation in 1980, Hacker took a manufacturing position with Procter & Gamble. That led her to the Midwest and Northeast, where she spent 15 years managing production systems to make quality go up, costs go down, and work life better for employees. In this largely male-dominated industry she was on the fast-track — eventually managing the largest paper products facility in the company and becoming one of the top 50 product supply managers at P&G.

But Hacker was ready for a new adventure. Her family was growing, and she was interested in returning to the classroom. Soon she found herself in Blacksburg, Va., working on a Ph.D. in industrial engineering at Virginia Tech.

Twenty years after earning a BS at OSU, she returned to Corvallis as an associate professor, but it wasn't long before the next adventure came her way. In 2001, she got a call from her old college friend Randhawa. The new OSU branch campus in Bend was coming together and there was a faculty position open. Hacker — excited to be a part of the start-up OSU in Bend — accepted on the spot. Soon she was asked to be interim dean, then associate dean, and finally dean of academic programs of OSU-Cascades.

"The most meaningful part of my position is my relationships with colleagues and students," said Hacker.

And she also enjoys the thrills — and challenges — of a start-up campus.

"We're building a university," said Hacker. "Who gets a chance to do that?!"

She often reaches out to local industry and business leaders when working to design new academic programs — asking them to provide input on what graduates will need to know and do in the real world, to help identify internship opportunities, and to build relationships between OSU-Cascades and local community and business leaders.

"The engineer in me is always looking for the best solutions for efficiency and effectiveness — and how these variables work together to achieve outcomes."

Hacker appreciates the small, intimate environment at OSU-Cascades.

"Faculty self-select to come here because they have a heart for students," said Hacker. "There's no hiding in a 200-student lecture hall at OSU-Cascades."

As OSU-Cascades expands to a four-year university, it's important to Hacker that the focus on relationships doesn't change.

"We have such an incredible environment here where our students get to benefit from small classroom size and relationships with faculty," said Hacker. "I'm one where college changed my life. I relate to our students who are the first in their families to go to college, and those working their way through college. That's who I was. I want to help student realize their own dreams."

— Sara Freedman



Marla Hacker's mother always wanted her to attend a university. Now she gets to help build one. PHOTO BY SARA FREEDMAN

OBITUARIES

Richard N. Whitmore, '61, '66, Florence.
 John A. Beattie, '62, New Town, Tasmania, Australia.
 John W. Chandler, '62, Salem.
 William F. Daniel, '62, Troutdale.
 Clyde E. Davis, '62, Bend.
 Stanley B. Hall, '62, Eugene.
 Richard L. Laughlin, '62, Lake Oswego.
 Mary Lechner Moore, '62, Olympia, Wash.
 Curtis Mikkelsen, '63, Seattle, Wash. *Acacia*
 Delbert S. Cooper, '64, Eugene.
 Ralph Y. Iboshi, '64, Bellevue, Wash.
 Russell N. Rosenthal, '64, Lacey, Wash.
 Kathryn Caldwell Wood, '64, Corvallis.
Sigma Kappa
 H. "Bruce" Rich, '65, Amarillo, Texas.
 Charlene Tipton Slack, '65, Georgetown, Texas.
 Gary G. Strahm, '65, Brookings.
 Roland L. Eisenman, '66, Milwaukee.
 Kenneth W. Harris, '67, Silverton.

James A. Lum, '67, Colorado Springs, Colo.
 Phillip A. Poppleton, '67, Enumclaw, Wash.
 James M. Seabrooke, '67, Englewood, Fla.
 Lynda Cummins Fowler, '68, Roseburg. *Pi Beta Phi*
 David W. Akers, '69, Stuart, Fla.
 Deborah Dunn O'Donnell, '69, Philomath.
 William E. Rombeau, '69, Toluca Lake, Calif.
 Mary Winkler Stevenson, '69, Westlake Village, Calif.
 Rev. Trudy Scott Bradley, '70, Estacada.
 Norman J. Clark, '70, Beaverton.
 Suzanne Truesdell Doerge, '70, Portland.
Alpha Delta Pi
 Robert E. Doler, '70, Coeur d'Alene, Idaho.
 Errol J. Krieger, '70, Beaverton. *Phi Kappa Sigma*
 John A. Gilson, '71, Clatskanie.
 Seth R. Hootman, '71, East Lansing, Mich.
 Larry W. Stokes, '71, Kirkland, Wash.

Donald E. Whitney, '71, Edmonds, Wash.
Sigma Alpha Epsilon
 Harry M. Williams, '71, Corvallis.
 Larry M. Schwartz, '72, San Diego, Calif.
 William H. Shurtleff, '72, Camarillo, Calif.
Pi Kappa Alpha
 William D. Ford, '73, Roseburg.
 Selma Wall Foster, '73, Mount Angel.
 Rachel McColm Gallagher, '73, Corvallis.
 Douglas B. Hanan, '73, Coos Bay.
 Stephen R. Haworth, '73, McCormick, S.C.
 Ralph H. McCoy, '73, Charles Town, W.Va.
 George F. Heider, '74, Camas, Wash.
 James K. Cahill, '76, Coos Bay.
 Heather Hales Corey, '76, Adams. *Delta Delta Delta*
 Thomas F. Huntington, '76, Bend.
 Christine Spring Oester, '76, Middleton, Idaho.
 Amy Sikkema-Young, '76, Eldersloo, Netherlands.

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OBITUARIES

Marcia Harris Noble, '77, Portland.
Steven A. Dupee, '78, Greenwich, New South Wales, Australia.
Y. Spencer Lei, '78, Scottsboro, Ala.
Diane E. Peffers, '78, Temecula, Calif.
Brian L. Anderson, '79, Auburn, Wash.
John R. Beaumier, '80, Woodinville, Wash.
Keith E. Bernards, '81, Vancouver, Wash.
Lisa Schwabauer Gray, '81, Anchorage, Alaska.
Gary A. Hodgson, '81, Walla Walla, Wash.
Thomas C. Hildebrand, '85, Summerville, S.C. *Lambda Chi Alpha*
Bradley S. Ewens, '86, Winchester.
D. "Skip" Pickens, '86, Norman, Okla.
Lynn K. Pope, '89, Denton, Texas.
William V. Anderson, '91, Phoenix, Ariz.
Collin W. Bremner, '91, Lake Oswego.
Jeremiah K. Sullivan, '91, Wilsonville.
Brian L. Mark, '96, Seattle, Wash. *Pi Kappa Alpha*
Mark B. Harris, '98, Madras.
Kenneth M. Clark, '99, Corvallis.
Enrique A. Salinas, '99, Salem.
Natalie Michael Glass, '00, Albany.
Daniel E. Brownsworth, '01, '03, Eugene.
Jeremy L. Pippin, '02, Grants Pass.
Charles W. Kuhry, '10, Eugene.
Chelsea D. Duffy, Myrtle Creek. She was a senior in the College of Public Health and Human Sciences.
Reese A. Kauppi, Corvallis. He was a junior in the College of Science.
Matthew N. Keefe, Ft. Mitchell, Ky. He was a junior studying fermentation science.
Elena Sanchez Olguin, Corvallis. She was a graduate student in weed science.
T. Ted Sizemore, Bend. He was studying psychology at OSU-Cascades. *Kappa Sigma*
Carin M. Norris, Silverton. She was a sophomore in the College of Science.

FACULTY & FRIENDS

Allen F. Agnew, Corvallis. He taught geology at OSU. *Alpha Kappa Lambda*
Mary S. Arai-Yoshihara, Bellevue, Wash.
Barbara A. Avery, Colledgeville, Pa.
H. N. Baker, Portland.
Walt Barker, Eugene.

FACULTY & FRIENDS

Dale C. Bauman, Ames, Iowa.
Thomas E. Bedell, '66, Philomath. He was a range management professor and extension agent.
Kenneth W. Bird, Veneta.
Evelyn H. Bostwick, Newport.
Marilyn J. Bourn, Waldport.
Dorothy Sikes Brunson, Albany.
James A. Burr, '51, Bend. He was a soil scientist at the Hermiston Agricultural Research & Extension Center and extension agent in Madras and Ontario.
Gloria L. Crandall, Corvallis. She worked in the home economics development program from 1984 to 1999.
Deborah L. Clausen, Bend.
Shay L. Dakan, Albany. She was director of network services until 2011.
John P. Dalen, Albany.
Mary Hembree Davies, McMinnville.
Ann E. Davis, Bend.
Jennifer R. de-Vries, Corvallis. She was the associate director for business and facility operations in the Department of Recreational Sports.
Bernard G. Duberow, Bend.
Margaret Estenson, Bend.
Jennifer A. Evans, Eugene.
Alma D. Faris, Vancouver, Wash.
Alice Zimmerman Foster, Corvallis.
Forrest J. Gathercoal, Corvallis. He was a professor and administrator in career planning in the College of Education from 1969 to 1993. *Sigma Phi Epsilon*
Richard H. Graves, Tillamook.
John A. Haislip, Eugene.
Harry T. Hance, Lowell.
Robert C. Harmon, Albany. He was a HVAC/R technician at OSU until 2009.
Carroll B. Hauptert, Medford.
Dennis P. Hays, Beaverton.
Jack D. Henton, Fresno, Calif.
Gladys Hobbs, Irrigon.
Victoria L. Holdgrafer, Corvallis.
Robert E. Hoover, Victorville, Calif. *Sigma Alpha Epsilon*
Frederick W. Hope, Corvallis.
Kleva Lindseth Hubbard, Corvallis. *Alpha Chi Omega*
William A. Hubbard, Thousand Oaks, Calif.
Nonnie Wagner Hussa, Lake Oswego.
Marva Frost Hutchins, Redmond. *Kappa Kappa Gamma*
Claire Dubois Hutchison, Vancouver, Wash. *Kappa Kappa Gamma*
A. T. Iannucci, Brooklyn, N.Y.
Pat M. Inama, Boise, Idaho.
Shannon Jensen, Salem.
Paul H. Johnson, Ogden, Utah.
Hilda Meius Jones, '39, Corvallis. An OSU business professor for many years, she was known among her friends as the "elevator lady" because she and her late husband provided financial support for elevators in Reser Stadium, Gill Coliseum and Weatherford Hall. *Kappa Delta*
Vincent E. Jorgenson, Salem.
Mary T. Keesee, Medford.
Glenn A. Klein, '51, Corvallis. He was an extension specialist for more than 40 years and part of the leadership team for a special 1959 4-H wagon trek from Jacksonville to Corvallis to celebrate the Oregon Centennial.
David E. Kuenzli, Corvallis.
Ronald W. Lawson, Portland. *Delta Upsilon*
Paul E. Lee, Port Orford. *Sigma Phi Epsilon*
Sondra Lino, Canyon City.
Marguerite R. Loddengaard, Hampton Bays, N.Y.
Bruce J. Lulow, Vancouver, Wash.
Veronica Macdonald, Portland.
Richard H. Maier, The Dalles.
Yvonne Crawhall Martin, Seattle, Wash.
Bertell F. Mason, Portland. *Sigma Pi*
Kristine K. Masterson, Scottsdale, Ariz.
Paul N. McCracken, Portland.
Donald A. Nadig, Vancouver, Wash.
Vernon C. Newton, Portland.
Norbert Olberz, La Canada Flintridge, Calif.
Yvonne M. Olsson, Eugene.
Elliott T. Olsson, Eugene.
W.S. Overton, Eugene.
Arthur W. Partridge, Portland.
Elizabeth M. Petit, La Canada Flintridge, Calif.
Donna Bunn Pflugrad, Springfield.
Yvonne M. Phillips, Fayetteville, N.Y.
John A. Pienovi, Portland.
Shirley M. Plapp, Colorado Springs, Colo.
Doris Carlson Reese, Portland.

Alumna's mother makes sure daughter's joy in her work lives on

In a book of memories about the late Emily Cosci, '96, '03, one of her former OSU colleagues addressed a note to Cosci's daughter, who was three years old when her mother died.

"Dear Lily, I am remembering Emily coming to the 4-H Center to teach kids about the out of doors," it said. "The 4-H Center is a living laboratory with camps and outdoor school programs. But the people who teach the children are the ones that make it come alive and really connect the kids to the natural world. Emily was amazingly good at this."

Cosci loved teaching and she loved the natural world. She passionately loved the work she did for 10 years as an adjunct faculty member at OSU, holding several positions in natural resources education. As a watershed educator for OSU Extension's Marion County office, she taught regularly at the Oregon 4-H Center in Salem.

However, after completing her extension job she entered a spiral of depression, and on April 16, 2010, she took her own life at the age of 36. More than 350 people attended the celebration of Cosci's life, said her mother, Mary Rynerson. Most were from the university.

"Her connection with Oregon State was one of biggest parts of her life," Rynerson said. "Her whole experience was something she just fell in love with — working with kids, the camaraderie with her coworkers, and what her job stood for, how it reflected her values."

Out of her grief grew Rynerson's desire to memorialize her daughter in a way that would honor her greatest passions and perpetually support those who share them.

A resident of Sisters, Rynerson is the founder of Pacific Interpreters, a Portland-based company that specializes in medical translation services. In 2011 the company ranked among the world's 50 largest providers of language services and technology.

Her \$1 million gift commitment created the Emily Rynerson Cosci Benton County Professorship for Environmental Education, the first endowment ever dedicated to supporting a 4-H staff member in Oregon. Part of the OSU Extension Service, Oregon 4-H is affiliated with several colleges and is an integral component of OSU's land-grant mission.



Emily Cosci loved the work she did with 4-H, teaching children about the wonders of nature. PHOTO COURTESY MARY RYNERSON

Professor and state 4-H Science Specialist Virginia Disney Bourdeau, '80, who wrote the memory book page addressed to Cosci's daughter, reflected on the significance of the gift: "Children need to have time to count the spots on a banana slug and hear the story of how a Doug fir cone's bracts look like the hind legs and tail of a tiny mouse trying to hide. It takes a special type of educator to do this ... Emily was that kind of educator. This special gift will assure that we will always be growing the next generation of environmental educators."

Cosci's affinity for the natural world was clear at an early age. Her mother recalled that she had her first pony at age six and became an accomplished equestrian, competing in dressage and other disciplines. While a student in OSU's wildlife science program (she later earned a master's in science education), she boarded her bay horse Sandy at Inavale Farm in Philomath.

Now Cosci's daughter Lily is six and rides her own pony. "She shares Emily's love of creatures; it's almost uncanny, it really is," Rynerson said. "She's got chickens, bunnies, ducks — has no problem digging in the dirt for worms for the ducks. The connection is enormous."

Rynerson hopes her memorial gift supporting 4-H is something that will be meaningful to her granddaughter as she grows up. "She misses her mom, and it's very important for her to know the impact her mom had."

Cosci's OSU friends and colleagues created the memory book to share a few of those stories

with Lily, Rynerson, and Cosci's husband, Joshua. One page described Cosci's work with an after-school 4-H program for mostly Latino youth at Trost Elementary School in Canby. "The kids really loved her. She was a natural teacher," wrote Janet Nagele, associate professor with Clackamas County 4-H. "I think having someone as friendly, caring and nurturing as Emily work with them really made an impact on their lives, as many were struggling to fit into a new culture."

The entry concluded, "She's probably the sweetest person I've ever met, which makes losing her so difficult. I only wish she had known how special she was to us all, and what a better place the world was by her mere presence."

— Cathleen Hockman-Wert

Homecoming cooks fire it up for big wins

The inaugural OSU Alumni Association Homecoming Tailgater Cooking Contest saw jambalaya ingredients flown in from Louisiana, 3-day marinated teriyaki chicken and families competing head-to-head with chili recipes.

Groups of expert judges, including Homecoming parade grand marshal Alexis Serna and the 2012 Homecoming Court, visited tailgaters across campus and judged entries based on taste, aroma, presentation and general tailgater atmosphere.

AND THE WINNERS:

Appetizer/Salad – Jim Brunk – Jimbo’s famous buffalo chicken dip

Main Dish – Rex and Katie Hartley – Slow-smoked BBQ pulled pork sandwich and creamy slaw

Dessert – Valerie Brunk – Pumpkin roll

Although the cooking contest is history for this year, the alumni association is collecting recipes for a tailgater cookbook to be published electronically. Everyone who submits a recipe will be sent a copy of the book. See www.osualum.com/cookbook for more information or to submit your favorite tailgater recipe.

FACULTY & FRIENDS

Bud Riley, Kaleden, British Columbia, Canada. He was an assistant coach under Dee Andros from 1965-72 and Craig Fertig in 1979. His son, Mike Riley, is OSU’s head football coach.

Joanne Hoare Risley, Portland. *Kappa Alpha Theta*

Geraldine Ritchie, Eugene.

Ethel Cline Roberts, Lompoc, Calif. *Delta Delta Delta*

Alvin L. Schulmerich, Hillsboro.

James R. Sedell, Lake Oswego.

Virginia S. Shedden, Rogue River.

Kenneth J. Simnitt, Troutdale.

David L. Sims, Albany.

Doris Anderson Soller, Lake Oswego.

Kappa Alpha Theta

Ivan R. Sparks, Yuma, Ariz.

Richard Spencer, Corvallis.

Margaret Stark, Mosier.

Genevieve Petersen Svendsen,

Wilsonville. *Delta Zeta*

Ida Swiggett, Palmyra, Va.

Florence C. Teshima, Seattle, Wash.

Donald Thoma, Vancouver, Wash.

Tod Tibbutt, Medford. *Sigma Phi*

Epsilon

Barbara L. Toll, Wenatchee, Wash.

Geoff A. Tomlinson, '08, Corvallis. He was the assistant director of operations of the OSU KidSpirit program.

Dawn Dunton Turnham, Kent, Wash.

Hubert A. Vander Plas, Corvallis.

Rodney K. Waldron, Portland. He

joined the library staff in 1954 and retired as director of libraries in 1984.

He served as president of the Pacific Northwest Library Association and as chair of the Oregon State System of Higher Education Library Council.

Charles P. Wallis, Kent, Wash. *Sigma Nu*

Jean Glover Wallis, Kent, Wash. *Kappa Delta*

Wendell O. Walker, Portland.

George H. Warmington, McMinnville.

Helen M. Watkins, Dallas, Texas.

Holly Forster Weimar, Arlington.

Virginia Workman, Portland.

Marjorie Skene Wright, Seaview, Wash.

Agnes Wylie, Jefferson City, Mo.

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Video made this computer pro want to join the rocketeers



A few years out of college, Robert Rose, '02, '06, saw a video of the launch of a Space Exploration Technologies (SpaceX) rocket.

"I just got chills," Rose said. "They had a video camera strapped to the bottom of a rocket that showed the entire launch sequence from launch to orbit. I watched it over and over and thought, 'Wow — that is really neat.'"

Thus began his new career with the private, California-based company more commonly known as SpaceX, which has had several successful space missions, including two trips to the International Space Station just this year.

Rose didn't always want to be a rocket scientist; he's actually a software engineer. But he sent in an employment application the very night he watched the launch video, and his career projection changed.

He grew up in Corvallis, where his parents cultivated his scientific curiosity early.

"I was given my first computer at age four," he said. "So I started programming really early on. That is what has sustained me for so long; it just doesn't feel like work."

Robert Rose is flanked by his sons, Benjamin, 2, at left, and William, 4. PHOTO COURTESY ROSE FAMILY

His father, Robin Rose, is a forestry professor at OSU. Robert Rose would eventually earn OSU degrees in computer science, computer engineering and electrical and computer engineering. These led to internships and employment at Hewlett-Packard in Corvallis as well as a few years in Bend making PlayStation games for Sony.

He credits Professor Ron Metoyer with helping him focus his studies during his master's program.

Once his imagination shot into the stratosphere and he signed on with SpaceX, he began designing programs to help rockets get where they need to go.

"The space station is in low-earth orbit," Rose said. "What our company and others are trying to implement is making travel to lower orbit more routine and more of a service that NASA purchases, and not necessarily a system that they develop themselves. The purpose of the (current) trips is to take cargo to the station and back.

"The eventual goal is to put people on Dragon (the SpaceX spacecraft). We just got the contract

to do that work. Hopefully in a couple of years we'll have a demonstration with people on Dragon."

Rose and his wife, Maria Hare Rose, '05, have two boys. "You know those signs with an orange border in front of all the buildings on campus? She designed all those," he said proudly of his graphic designer wife.

Rose met another OSU space alum recently at an awards ceremony at NASA; astronaut Don Pettit, '78. Pettit was aboard the space station and operated the arm that grabbed the Dragon capsule during the test flight this past summer.

"Looks like we have a Dragon by the tail," Pettit proclaimed at the time.

October brought the first successful resupply flight to support the extensive research experiments aboard the station. There are eleven more flights currently contracted with NASA — enough to keep Rose busy designing flight software for quite some time.

— Ann Kinkley

Working the land spurred this farm boy to learn the law of the land



Kirk Maag makes it a point to visit his fraternity, Phi Gamma Delta, when he's back on campus. PHOTO BY DENNIS WOLVERTON

The wind rushed off sagebrush-dotted hills and swept through fields of wheat, alfalfa and corn. In Eastern Oregon, growing up on 700 acres and working side by side with his siblings, parents and grandfather, Kirk Maag, '06, learned more than how to drive a tractor and set irrigation siphon tubes. Life on the farm near Vale also gave him an appreciation for family and the land, hard work and community service.

Maag left the farm for education and eventually a career in law, but he has never forgotten his roots. An associate attorney since 2010 at the largest law firm in Oregon, Stoel Rives LLC, he works in the Portland headquarter's Environment, Land Use and Natural Resources practice group, focusing on water rights and timber-industry transactions.

"I always knew I wanted to do something related to agriculture or natural resources," said Maag, who as a high schooler set his sights on studying agribusiness at Colorado State University. Fellow Future Farmers of America (FFA) officers urged him to consider Oregon State — and a certain "Dr. O."

"After I sat in on Dr. (Fred) Obermiller's class on environmental economics, law and policy, I was sold," said Maag. "He married law and natural resources together in a way I hadn't thought of. And he thought there were too few people with an agricultural background involved in natural resource law and policy."

An honors student in the environmental economics, policy and management program that Obermiller created, Maag learned "to read cases with a critical eye and how to brief a case. He taught me to love the law."

Maag sought community as well as education at OSU, in the Phi Gamma Delta fraternity where he lived all four years, and by attending and speaking at leadership conferences for the National FFA Organization for three summers in Washington, D.C. Meanwhile, he and two friends founded Strive Consulting, Inc., "to empower others, through leadership training, to reach their personal and professional potential."

By his senior year at OSU, Maag had made up his mind to go to law school. "Dr. O was one of the strongest influences in my decision," he says. But Georgetown University would have to wait while he spent a year finishing his honors dissertation and studying for and taking the LSAT — in between shoveling dirt and loading hay back in Vale.

"At first, I was nervous about being surrounded by pre-law students from prestigious Ivy League institutions," said Maag, who graduated summa cum laude from OSU. But once at Georgetown, "it was quickly evident that Oregon State had prepared me well." After graduating in 2009, magna cum laude, Maag spent a year clerking for the Honorable Carlos T. Bea on the Ninth Circuit Court of Appeals in San Francisco while Stoel Rives held a job for him.

From the college classroom to the company conference room, Maag has stayed connected to OSU through his fraternity, serving as an alumni adviser and getting together regularly with his brothers from back then. At Stoel Rives, he often thinks about Dr. O., said Maag. "His courses focused on the types of law and issues that I now deal with."

While Maag's 22nd-floor office window gives him a distinctly urban view, lessons from the family farm are with him always. "Its values of community, knowledge and servant leadership are evident in my daily actions."

Whether he's improving a farmer's water access or drafting a forester's property-sale agreement, Maag is never far from the fields or from the people who work them.

— Claire Sykes

TRADITION LIVES ON



Alumna Faith Vawter with her daughters.

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Caryn Caswell '00 '03 and Scott Mickelson '99 fell in love as undergraduates at Oregon State University. After graduate school—Caryn at OSU's College of Pharmacy, Scott at Willamette University College of Law—the couple settled in North Bend, Oregon, to begin their careers.

When little SAM (Scott Anthony Mickelson, Jr.) came along, the new parents took the time to draft wills and decided to include a bequest to OSU, a simple way to give back for the great start in life that OSU provided them.

"It just makes sense for parents to have wills," Scott said. "And when you create one, it's very meaningful to include those organizations, like Oregon State, that are important to your family. We decided to give a percentage of our estate, so as our net worth grows so does our gift."



Contact us to learn more about including OSU in your will. If you've already included OSU in your estate plan, please let us know. We look forward to thanking you for your commitment to OSU and welcoming you to the Benton Hall Legacy Society.

Julie Irmer
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