

# SWEET, **SWEET VICTORY**

Catcher Adley Rutschman, left, sprints toward pitcher Kevin Abel after the final out of Oregon State's national championship-clinching 5-0 victory over Arkansas June 28 in Omaha, Nebraska. The exultant duo was soon buried under the traditional dogpile of joyous teammates. (More stories and photos start on page 20.)

The Beavers' third baseball title in 13 seasons was the culmination of a three-year drive by a core group of players.

In 2016, Oregon State was denied a place in the NCAA tournament despite having better credentials than some teams that were selected. The next year, the Beavers took a 54-4 record into the College World Series only to fall a victory short of reaching the championship series.

They would settle for no less than a title this year. They overcame a midseason lull, then a host of obstacles at the CWS to reach that goal. Their 111-18-1 record over the past two seasons is one of the greatest runs in college baseball history.

By the end of the final game, Rutschman and Abel had made some history of their own.

Rutschman was named the Most Outstanding Player of the CWS. His 17 hits were a CWS record, as he batted .567 with two home runs. Abel was credited with four wins, something no other pitcher had accomplished in a CWS. In the championship game, he allowed only two hits and retired the final 20 Razorback hitters.

After the final out on a called strike. Rutschman — a Beaver football player as well as a baseball player before deciding to focus on baseball — raced toward the mound to tackle and protect Abel.

"I was just trying to get Kevin to the ground safely," he said. In seconds both of them disappeared under a mountain of jubilant teammates.

- Kip Carlson; photo by Karl Maasdam

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# COVER STORY: THE MOST FAMOUS FLOP EVER

With a bronze likeness to be installed on campus and a new biography just published, Dick Fosbury marks 50 years since he shocked the world at the Mexico City Olympics. (Photo by Hannah O'Leary)



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- On the cover: With a model of the final product in the foreground, Eugene sculptor Ellen Tykeson works to perfect the clay representation that will be used to produce a soaring bronze of high jump legend Dick Fosbury '72, to be unveiled Oct. 19 on campus. Story on page 24. (Photo by Hannah O'Leary)

## ON THE WEB

Oregon State University: oregonstate.edu

OSU Foundation: osufoundation.org

OSU Athletics: osubeavers.com

OSU Alumni Association: osualum.com

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# ANOTHER RECORD COMMENCEMENT

Diplomas are presented in Reser Stadium, at OSU-Cascades in Bend, in a hotel room in Omaha and at Eastern Oregon University in La Grande, to grads of OSU's Ag and Natural Resource Program. (Photo by Hannah O'Leary)



# FROM A MODEST START COME DECADES OF IMPACT

Thousands of Beavers have learned and had their hearts touched by helping young people with physical and/or intellectual disabilities learn to play through the IMPACT program. (Photo by Hannah O'Leary)





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# Dance helped him explore space

One of the joys of editing the *Oregon Stater* is that every so often, a graduate who has reached the pinnacle of a profession but is pretty much anonymous in the alumni world, quietly reaches out to say hello because the magazine keeps him connected. Such is the case with James "Jimmy" Ling, who earned



Jim Ling, 1960

a B.S. in physics at OSU in 1960 and went on to earn a master's at Cal and a doctorate at UC San Diego, also in physics.

He wrote to thank us for sending the *Stater* and to express his gratitude to Oregon State for a life-changing gift he received on campus more than 60 years ago. Curious, I soon found myself staring at his home page on the website of the Jet Propulsion Laboratory

at Caltech — a Mount Olympus in American science — and wondering, "How do I not know about him?" A sampling of his accomplishments:

- » Gamma-ray astrophysicist studying the long-term spectral and temporal properties of gamma-ray sources including black holes, neutron stars and active galactic nuclei.
- » Manager, Astrophysics and Heliophysics Research and Analysis Program, Astronomy and Physics Directorate at JPL/ Caltech for the past 44 years.
- » Manager, Planetary Sciences Research and Analysis Program funding for the past 28 years.
- » Twice a visiting program scientist/manager at NASA Headquarters.

There's much more. He served in the Peace Corps in Nigeria and taught physics at junior colleges, and got married and raised a family. In his letter he thanked the late Oregon State physics professor David Nicodemus for sparking his lifelong passion for physics. Then came a surprise:

"More importantly, thanks also to Ms. (Erma) Weir for her dancing class," he wrote. "I have been an avid Balkan folk dancer since leaving OSU, which has provided me the critical balance to my academics and career throughout my life."

I called him and he said he still works at 80 and is a regular at his local folk-dancing club. "It changed my life," he said of that first dance class at Oregon State. "Because of the way Ms. Weir taught it, I loved it from the first and I never stopped."

Ling was glad to hear that — as it raises money for a new arts and education center — the university is trumpeting how important it is to offer robust classes in the arts to all students.

"That is something I would expect Oregon State to do," he said.

He finished his letter with this: "As one of thousands of OSU alumni, I want to take this opportunity to express my sincere gratitude to OSU for providing the kind of broad educational experiences that I received to start my career that has lasted for nearly six decades, for which I am and will be forever grateful."

OK, but quite honestly, Dr. Ling, I think we need to thank you for making the rest of us Beavers look so smart and graceful all these years.

— Kevin Miller '78, editor

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# YOUR SEAT AT THE TABLE IS OUT THERE.

To claim it, first you have to stand up.

Twenty years into her career as an accountant, Lisa Frasieur felt like she was a peg below her peers. Truth be told, she was. An auditor once asked where she earned her degree, and Lisa was embarrassed to say she didn't have one. So she enrolled with Oregon State University Ecampus to pursue a business administration degree online. It paid off: Lisa landed a job as controller at a large beverage distributor. "To now sit at a table with CPAs and auditors and say I graduated from Oregon State makes me extremely proud," she says.

Read her story here: ecampus.oregonstate.edu/lisa

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# Here's documentation

Terry Wakefield raises some relevant questions concerning the process of how changes in our global climate have been documented.

However, the changes in our atmosphere have been scientifically verified by climate scientists all over the world, and many books, along with thousands of peer-reviewed research papers that have established the ongoing changes in our climate.

As a member of the non-partisan, non-profit Citizens' Climate Lobby, I would offer the written input of environmental professors at the university level. You might want to reference www.citizensclimatelobby.org.

Thanks for your continued good work to make the magazine a terrific publication!

Chuck Jensen '63 Tacoma, Washington

# Vitamin letter response

This is in response to the letter entitled "Faith in vitamins misplaced" by Vivian Mower in the spring 2018 edition of the *Oregon Stater.* I am a graduate of the OSU College of Pharmacy. I have been a licensed pharmacist for over 25 years. The author of the letter to which I am responding demonstrated her ignorance of the use of vitamins.

Here are just a few examples of how the use of vitamins has improved the lives of my patients:

- 1. Ascorbic acid (vitamin C) is needed as a precursor for the development of collagen in the body. Collagen is the connective tissue which supports and maintains strength for such things as skin and muscle. Vitamin C also speeds healing. People who smoke deplete their vitamin C levels. This is why smokers usually have more facial wrinkles than non-smokers.
- 2. A patient came to the pharmacy asking me for advice about vitamin C supplements because he was going to have heart surgery. It was his own cardiac surgeon who advised him to increase his vitamin C levels before the surgery.

- 3. Humans cannot make vitamin C in their bodies and must obtain it from external sources. Animals that can make vitamin C in their bodies produce more vitamin C when they are sick or injured.
- 4. Regarding vitamin therapy in general, for over 25 years, I have counseled patients on the use of specific vitamins for their particular health issues. I have yet to have a single patient tell me that my recommendations did not help them achieve a better quality of life.

Yes, Linus Pauling died of cancer (prostate cancer, to be specific). Ms. Mower failed to state that Linus Pauling also lived to age 93. Although prostate cancer is a slow-growing cancer, perhaps it was Dr. Pauling's use of vitamin C that allowed him to live so long. And I would advise Ms. Mower to read such publications as *Oncology Times*, which presents the latest information about intravenous vitamin therapy to treat cancer.

I dedicate my letter to the faculty members of the College of Pharmacy. It is because of them that I received the education needed to become a healthcare provider, which has allowed me to improve the quality of life of all the people I am blessed to serve as a pharmacist.

M.J. Yanson '91 Laguna Beach, California

## Reaction to letter

I just read the letter from Terry Wakefield '69 in the Spring 2018 Oregon Stater and I am stunned. The questions he asks appear to be reasonable, but only if one assumes that they haven't been asked and answered many, many times by multiple researchers around the world. The IPCC (Intergovernmental Panel on Climate Change) has published various long, detailed reports on climate change. Britain's Stern Review has examined the evidence. Numerous national academies have stated that climate change/global warming is real, is a serious problem, and is largely human caused. Mr. Wakefield can't be ignorant of this. His letter suggests that either he has paid no attention to the climate

issue for the past 30 or so years or that he is suggesting climate scientists are incompetent or that he is saying that real controversy exists on this topic. It does not. His letter should have been edited for "factual accuracy" per your guidelines.

Elliot J. Zais '89 Portland

# More reaction

As someone who has been working on educating myself and others on the issue of climate change, I found Mr. Terry Wakefield's '69 letter "Process and Climate Change" very disturbing. His list of questions about data collection and interpretation by climate scientists appeared designed to cast doubt on their methods, competency and even on their veracity. ... Answers to each question he posed can be found on websites belonging to such organizations as NASA, NOAA, The Union of Concerned Scientists and many others. I'm not a climate scientist either, but rather a mechanical engineer who reads heavily on the subject and knows where to look. ... For those who have done their due diligence, and understand the science, the most important question to now ask is how do we begin reversing the climate crisis that is already being felt both in Oregon and around the planet? We're almost out of time.

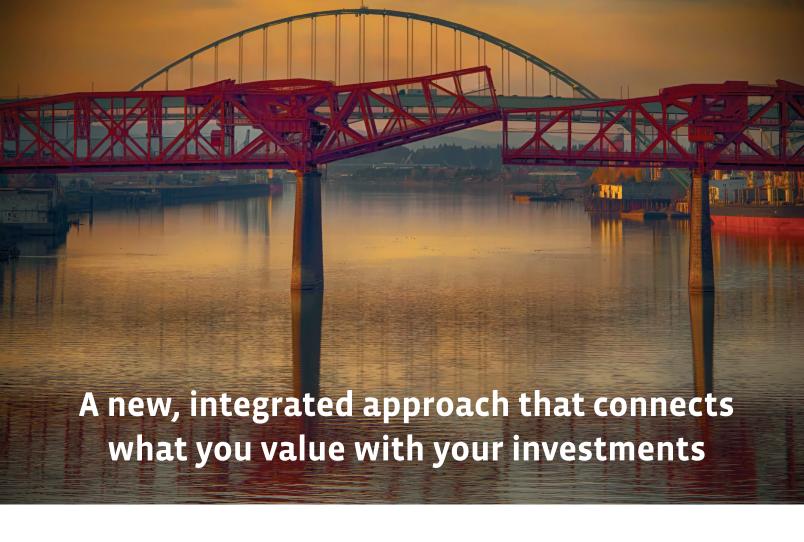
> Ray Quisenberry '94 Salem

# Send us letters

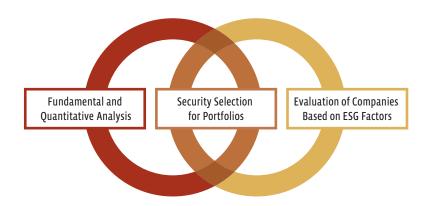
We love letters. We might edit them for clarity, brevity (please keep them under 250 words) or factual accuracy. Also, when pressed for space, we'll give preference to letters from less frequent contributors. Send them to **stater@osualum.com** or Letters to the Editor, Oregon Stater, OSUAA, 204 CH2M HILL Alumni Center, Corvallis, OR 97331-6303.

## Corrections

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



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# President takes a peek over the horizon at university's future

On campus, fall always seems like a great time to look ahead, so we asked President Ed Ray to get out his orange and black crystal ball and look way into Oregon State's future. Some of what he sees:

- » OSU's commitment to strategic planning has created an institution positioned to excel in fields of study and research where its strengths best align with critical needs of the state, nation and world. By playing to these strengths, the university doesn't fall into the "Hey, look at what our competitors are up to. Let's do that!" trap and has many opportunities to remain relevant.
- » On the main campus in Corvallis, he sees slower growth and a trend toward modernizing current buildings, as opposed to building new ones and expanding the campus footprint.
- » The success of OSU's Ecampus program, consistently ranked among the top such programs nationally, means the university is poised to adapt to the rapid rise of online learning, which in turn presents challenges in predicting what type of learning spaces will be needed and where they should be decades into the future.

"The old map of how you

valid anymore, in Corvallis,

grow a university is not

Bend and elsewhere. ...

We're asking ourselves,

to be in an increasingly

virtual world?"

what is a university going

"We're actually positioned well to ensure that our graduates do well going forward," he said. "We talk about our graduates being the most important contribution we make to the future. We've been very purposeful about this, understanding that we can't be everything to everybody. We want a certain level of competence and proficiency in everything we offer, but we've got to double down where we really think we can make a difference in the world.

"That's where what we do academically — how we prepare many of our students — relates to our strategic planning. We've said that we believe in these issues, such as a sustainable planet, where we not only sustain the natural environment, but we also make productive use of the natural resources that we have available. The bounty of natural resources is one of the strengths of this nation.

"Focusing on what we can do to sustain the health of the planet obviously is very important — for the nation and the world — and those are areas in which we have incredible competence. Ocean studies, number three in the world. Forestry, number two in the world. Ag sciences, always ranked in the top 10. We have very effective extension and ag research efforts.

"Our focus on the natural world means we're training a lot of students in those fields, and we're striving to be even more excellent in those areas going forward. That's just one example of how we're playing to our strengths in areas that will remain important way into the future.

"This is happening because we started our strategic planning way back when with a question, and it wasn't, 'What is everybody else doing and how can we be better and more competitive at what they're doing?'

"We shut all that out and said to ourselves, 'What do we think the world is going to be wrestling with? What are the big issues and challenges of the future, and — given the capabilities we have or can see a clear path forward to — where are the areas where we can make a significant contribution?

"We did that with the idea that, if we excel in those areas, our students will make important contributions to the future and the

> university will be recognized as an important contributor to our society. So, we knew natural resources was one area where we could always have great strength, and then we thought about people.

"Look at the health care situation in this country and everywhere. Global health is an issue that's not going away. We knew we had to have a stronger stake in that. We talked about how we needed a school of public health, and now we have one, and we asked ourselves how we can help provide

public health in areas where one can't automatically assume it'll be there. If you live in a metropolitan area, you can pretty much assume you'll have public health services, but that's not so in our rural areas, and it's also not so around the world.

"So we thought about how — because we are a land grant university and through extension we touch every corner of the state — our public health programs and researchers and ultimately our graduates could expand public health services in those areas. We think maybe that can be a model for the rest of the country, and maybe it's a model for the world writ large.

"We have these relevant strengths across many of our programs, and for 15 years now we've been consistent in our focus on areas where we can excel and make a difference long into the future.

"We're doing the same kind of thing as we consider what the campus — the main campus in Corvallis — will look like long into the future. Do we just project our past forward and keep doing what we've been doing, which means building new buildings? No. If you look at what we've done recently, we needed to accommodate enrollment growth and we needed some more contemporary spaces for teaching and research, and we've accomplished that largely by building new facilities.

"My sense now, for Corvallis, is that our focus needs to be not on expanding our footprint, but on upgrading the quality of the facilities we have. This will be about repurposing, renovating and renewing existing space to meet contemporary needs. Laboratories are very different today from what they were 50 years ago. There are very different approaches to science and discovery.

"We also need to make our older classroom spaces more conducive to modern ways of teaching and learning. But really, the most pressing issue we face with our buildings is upgrading our existing research facilities to accommodate modern approaches and techniques.

"We're on a rising trajectory as far as research grants and funded research, and if we want to sustain that, we're going to have to have modern facilities, and we're not going to get there by building a lot of new buildings.

"With Cordley Hall, we're asking for \$28 million in state money and matching it with \$28 million in general revenue bonds, and that's just to complete phase two of three phases. By the time we're done, we'll have spent about \$120 million to bring Cordley Hall into the 21st century.

"Online education is another area where we have to pay attention to our future. Our Ecampus program is consistently ranked among the best in the nation. Not long ago we predicted we would have as many as 3,000 online-only learners in the student body by now, and there are

actually about 5,500. I've seen projections that said that by 2035, Oregon State University will be larger by headcount virtually — with online students — than it is actually, with on-campus students.

"What does this say about our need for new space and how we configure the spaces we have? It creates a very different story for the Corvallis campus going forward. A lot of online learning is in hybrid classes, in which students take courses mostly online but also travel to nearby classrooms to have face-to-face sessions with teachers and classmates. Maybe we don't need more space in Corvallis but we need it elsewhere. We're working on that in our new Marine Studies Building in Newport and in the new OSU Portland Center, so we can serve adult learners there (see story, page 28).

"Meanwhile, we're just getting started at our Cascades campus. We're excited about the 128 acres we have in Bend and that we just got money for a second academic building (see story, page 13). But we're talking about five buildings. How many great universities have five or fewer buildings? None. We don't have library space there, so we're talking about what it means to have library space that isn't wasteful but will be relevant to the needs there going forward. We don't have recreational facilities there. We have one residence hall.

"We have a master plan for Cascades, for significant growth going forward, but there's an interesting question: As changes in the education process continue, how many of our assumptions about that will be turn out to be correct?

"The old map of how you grow a university is not valid anymore, in Corvallis, Bend and elsewhere. As we grow a new university at OSU-Cascades, we're asking ourselves, what is a university going to be in an increasingly virtual world?" 🔎



# New names set for Benton Hall, two others

President Ed Ray announced July 30 he had selected new names for three buildings on OSU's Corvallis campus — Avery Lodge, Benton Hall and Benton Annex.

The announcement of the new names followed a university process conducted in the spring to review naming suggestions from the OSU community for these buildings. Following a public process that



OSU's oldest building, Benton Hall, will become Community Hall to reflect the contributions of community members who helped found the university and keep it thriving for 150 years. (Photo by Hannah O'Leary)

involved hundreds of students, faculty, staff and community members last fall, Ray announced in November 2017 that these building names would change and that the names of two other buildings — the Arnold Dining Center and Gill Coliseum — would be retained.

Over a period of years, several OSU students and faculty had raised concerns regarding alleged exclusionary views held by the namesakes of these five buildings.

"The names of buildings and places play a very important role in our university," Ray said. "They speak to the history of OSU, the university's values and mission, and our efforts to create an inclusive com-

munity for all. Names also recognize and honor the positive contributions of those associated with the university."

Based upon input gathered, as well as recommendations of the university Architectural Naming Committee, Ray renamed:

» Avery Lodge to be called Champinefu Lodge (pronounced CHOM-pin-A-foo). This name honors the contributions and history of Native Americans within the Willamette Valley and recognizes that federal lands deeded to the state of Oregon to create this university were taken from tribes that have lived in this region for many generations.

The university engaged the assistance of Siletz tribal leaders and Native American linguists and historians in evaluating a new name. In the dialect of the Calapooia tribe, which inhabited this region, the word Champinefu is translated to mean "At the place of the blue elderberry." Blue elderberries are specific to the Willamette Valley, and the areas around the Corvallis campus are where Calapooia tribal members historically would visit to harvest blue elderberries.

- Benton Hall to be called Community Hall. This name reflects the contributions of local residents in establishing the university, and helping it reach its 150th anniversary and excel as Oregon's statewide university. The new name also recognizes the contributions made by Benton County community residents to create the college in the 1860s and '70s that eventually became Oregon State.
- » Benton Annex to be called the Hattie Redmond Women and Gender Center. The new name recognizes the building as home to the university's women's center.

Redmond was a leader in the struggle for women's suffrage in Oregon in the early 20th century. The right to vote was especially important to Redmond, who was a black woman living in a state that had black exclusion laws in its constitution. Her work is credited with laying the groundwork for the civil rights movement in Oregon in the mid-20th century.

In a communication sent to OSU students, faculty and staff, Ray shared his decision-making process. He also noted that the review of names was especially appropriate as OSU continues its 15-month celebration of OSU150, the university's 150th anniversary.

"OSU150 runs through October and has offered a rare opportunity to celebrate the university's past and present, reconcile past problems, and improve for our future," Ray wrote. "As I have said before, we must acknowledge our past, avoid hypocrisy and recognize the history of those who established this extraordinary university."

Beginning this fall, the university will develop public displays to share the histories of these three buildings and their previous namesakes within each of these buildings. Additionally, OSU will provide similar information within Gill Coliseum and Arnold Dining Center. Moving forward, the university will document and display the history of all university buildings within each respective building, on the university website and within a mobile app.

Over the past two years, hundreds of OSU students and employees, community stakeholders and alumni participated in numerous meetings about these buildings. Hundreds more contributed their input by email, in phone calls and on a website comment form created for this building name review.

In addition, the university conducted scholarly research on each of these buildings and interviewed more than a dozen individuals who personally knew these buildings' namesakes. The scholars' research resulted in four reports totaling more than 50 pages and a 27-page qualitative analysis of the input received on the website comment form and at six community meetings.

More on the process, along with the research on the buildings and their namesakes, can be found at leadership.oregonstate.edu/building-and-place-names.

# HONORS COLLEGE DREAMS TO REALITY.

The Oregon State University Honors College is where inspiration meets impact. Here, the most outstanding and dedicated undergraduates from across the university embrace the challenge of making the world a better place for us all. We are dreamers who make a difference.







As part of an ongoing effort to get alumni and other friends to help share the OSU story, Steve Clark '75, vice president for university relations and marketing, joins the Oregon Stater in presenting another batch of talking points for not-so-bashful Beavers.

# Spread the word

### ANOTHER RECORD GRADUATING CLASS

Oregon State graduated a record 7,128 students — more than any other Oregon university — during its 149th commencement ceremony on June 16. The oldest graduate was 70 years old and the youngest was 19. Graduates represented 35 of Oregon's 36 counties, 49 states and 70 countries. Oregon State has now awarded 250,516 degrees over its first 150 years. See photos on page 36.

# **OSU MAKES AFFORDABILITY AND ACCESS A PRIORITY**

We understand that the cost of a college degree is a barrier for some students across the nation. This past academic year, OSU provided \$39.5 million in financial aid. In fact, 35 percent of Oregon State's first-year students received financial assistance and by the time they graduate, 43 percent of OSU graduates leave school with no debt at all. Yet, we also know financial emergencies arise and force some students from school. In response, last January, the university provided \$500,000 to students whose immediate needs would have kept them from staying in school.

### TRUSTED PARTNER FOR NATIONAL RESEARCH

Oregon State continues to lead the renewal of the nation's aging academic research fleet by receiving an \$88 million grant this summer from the National Science Foundation to manage construction of a second national research ship. This funding is in addition to \$122 million received from the NSF in 2017 for construction of the first research vessel. Oregon State is scheduled to receive the first ship in 2021, while the second ship will likely serve in the Atlantic Ocean or the Gulf of Mexico.

## SHARE THIS NEWS: OSU'S FOOTPRINT KEEPS GROWING

Oregon State's impact throughout the state continues to grow. In late September, the university will open its new OSU Portland Center across from downtown's Pioneer Courthouse Square. (See page 28.) The center initially will host hybrid courses from the colleges of Business, Liberal Arts, Education and Public Health and Human Sciences, and additional classes will be added in 2019. Meanwhile, the Oregon Legislature approved \$39 million in state-backed bonds for a second academic building at Oregon State's campus in Bend to go along with \$10 million in donor funding. (See page 13.) The university will seek \$34.5 million for OSU-Cascades during the 2019 legislative session for a student success center and other development costs.

### DON'T FORGET THESE RANKINGS

Oregon State has the No. 6 ranked online undergraduate education program in the nation and the No. 1 online liberal arts program in the U.S. according to U.S. News and World Report. Meanwhile, the Center for World University Rankings lists Oregon State among the top one percent of the 27,000 universities worldwide and OSU's forest and oceanography programs No. 2 and No. 3 in the world. OSU's graduate program in robotics is No. 4 nationally.



# OSU-Cascades takes another key step forward

A state-of-the-art building focused on the STEAM disciplines of science, technology, engineering, arts and math will be the next to rise at OSU-Cascades.

Supporters of the Bend campus exceeded the required philanthropic match of \$10 million in private gifts to qualify for a \$39 million match in bonding approved by the Legislature to pay for the building, pictured above in a rendering by SERA Architects.

"The generosity and vision of our donors is inspiring to all of Central Oregon," said Becky Johnson, vice president of OSU-Cascades, of the new philanthropic record for the campus.

"With the completion of the \$10 million fundraising initiative and the unanimous approval of the campus master plan by the Bend City Council, the path is clear for the creation of an extraordinary university campus to serve the region."

Launched in early 2017, the fundraising effort became the largest in OSU-Cascades' history. It was propelled by a lead gift of \$5 million from an anonymous donor. The gift was contingent upon the university successfully raising the balance of the \$10 million required match, motivating others to contribute. The campaign closed with a recent and anonymous gift of \$700,000.

Donations included \$1 million from the Tykeson Family Foundation, \$1 million from Charles McGrath, founder and president of Grace Bio-Labs of Bend, \$500,000 from the Bend Foundation and other gifts from alumni and community members.

"A commitment to OSU-Cascades and its vision for a thriving teaching and research university is a commitment to generations of future Central Oregonians," said McGrath, a proponent of research and education in bioscience.



# Think you're a foodie?

While Portland long has been famous for its foodie culture, word is just starting to spread about the influence of OSU's Food Innovation Center (FIC) on the Northwest food industry and businesses worldwide. This metropolitan agricultural experiment station helps turn culinary innovations into commercial products for both new and existing companies. The FIC is a collaboration between the College of Agricultural Sciences and the Oregon Department of Agriculture, with a product and process development team to help bring products to market, a full-service consumer sensory testing laboratory and a food safety hub for education and testing. These questions might test your food knowledge, or at least your knowledge of the Food Innovation Center. Answers on page 64.

- 1. What is Culinology®?
- 2. Over the last 20 years, the Food Innovation Center has worked with approximately how many entrepreneurs as they develop their ideas and business plans?
  - A. 1,000
  - B. 2,000
  - C. 3,000
  - D. 4,000
- 3. In the early 2000s the FIC attracted national attention by sponsoring the American Food Fight contest, offering to help develop the winning product for the marketplace. What was the first winner?
  - A. Chedz cheese straws
  - B. Chez Marie veggie patties
  - C. Choi's kimchi
  - D. Kombucha Wonder Drink
  - E. Pacific Natural soups
  - F. Ruby Jewel ice cream sandwiches
- 4. A June 2018 article in *The New York Times* featured Sarah Masoni '87, director of the FIC's product development and process program, whose "sense of taste is so keen that one client ... says she has 'the million-dollar palate.'" What was Masoni's major as an OSU undergraduate?
  - A. Art
  - B. Fermentation science
  - C. Food science and technology
  - D. Microbiology
  - E. Toxicology
- 5. Launching a food business takes a lot more than a great recipe — and it isn't cheap. How much could it cost to set up an artisan cheese operation?
  - A. \$500,000
  - B. \$250,000
  - C. \$100,000
  - D. \$75,000
  - E. \$50,000
- 6. The public is invited to sample new products at farmers market-style FIC showcase events. Which of the following products were highlighted last June?
  - A. Chocolate-dipped key lime mousse on a stick
  - B. Coffee-flavored soda
  - C. Granola with strawberries and roses
  - D. IPA sausage
  - E. Matcha lemonade drink mix
  - F. All of the above

- 7. True or false: The FIC has a "time machine" of sorts that is, equipment that can speed the aging process of a food product.
- 8. What is the FSMA?
- 9. An unlikely sea vegetable dulse set mouths watering worldwide when FIC innovators discovered a way of preparing this red algae so it tastes like bacon. OSU's patented strain of an especially fast-growing dulse is being sold fresh through specialty distributors to restaurants all over the United States. Which of the following dulse products are in the planning stages?
  - A. Beer
  - B. Breakfast cereal
  - C. Chips
  - D. Pasta
  - E. Salt substitute
- 10. True or false: Student interns are engaged in all FIC programs, from food safety to product development, product engineering and sensory testing.
- 11. In July, Museum of Ice Cream launched its line of seven ice cream flavors at over 1,800 Target stores across the nation. Which flavors were developed at the FIC?
  - A. Cherrylicious
  - B. Chocolate Crush
  - C. Churro Churro
  - D. Nana Banana
  - E. Piñata
  - F. Sprinkle Pool
  - G. Vanillionaire
- 12. True or false: Last summer the FIC paid taste testers to eat french fries.



# Noted publications by Beavers and friends

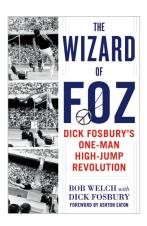
Books featured in "In print" were written by or about alumni, faculty and friends of OSU. More publications appear in the "Published" subsection of the "Of note" section on page 57.

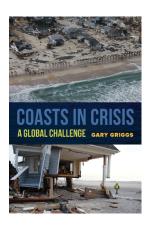
The Wizard of Foz: Dick Fosbury's One-Man High-Jump Revolution (Skyhorse Publishing) by Bob Welch with Dick Fosbury '72. The legendary Olympian collaborates on a biography covering the span of his life, including his early years in Medford and his time at OSU. See story, page 24.

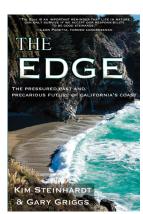
Coasts in Crisis: A Global Challenge (University of California Press) and The Edge: The Pressured Past and Precarious Future of California's Coast (Linden Press) both by Gary Griggs '68, the latter with Kim Steinhardt. Griggs has a doctorate in oceanography from OSU and has taught at UC Santa Cruz for 50 years.

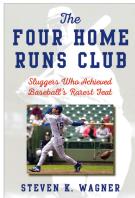
The Four Home Runs Club: Sluggers Who Achieved Baseball's Rarest Feat (Rowman & Littlefield) by Steven K. Wagner '75. One of baseball's most coveted records is hitting four home runs in a single game. This is a look at the 18 players who have achieved this accomplishment.

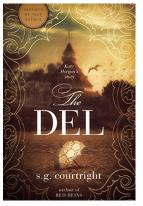
The Del: Kate Morgan's Story (27th Avenue Publishing) by S.G. Courtright (Sandra Sanders '79). The historic Hotel del Coronado stands as the backdrop for a romance that features a legendary ghost story, hardship, riveting adventure and a rare friendship between two women living 125 years apart. Inspired by true events.











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# Opportunity abounds as students go aboard



Story and photo by Hannah O'Leary

"The deep ocean was stuff you

thought 'Wow, that's cool!' It's

like space exploration ... I never

ever thought that I would be up

see in an Imax movie, and I

front and close with it."

On her final day of a three-week research cruise aboard the E/V (Exploration Vessel) Nautilus, Rebecca "Becca" Crawford walked amid suitcases stacked in a common area, ready to unload at the Port of Astoria. She had some pizza with the head scientist. She walked into the wet lab, where she'd spent hours processing samples during her cruise.

Crawford is a junior at OSU this fall, majoring in earth science with an ocean science option in the College of Earth, Ocean, and Atmospheric Sciences (CEOAS). In the six months leading up to July, she spent almost a month at sea, including various research cruises. A typical research vessel costs about \$35,000 to \$50,000 per day to operate, so cruises for undergraduates are expensive and competitive. These life-changing experiences are made possible through the generosity of several anonymous donors.

Crawford enrolled at OSU as a biology major and took a suggested introductory oceanography class as a freshman, to get it out of the way.

"I really loved the class and the professor, but I didn't really think

anything of it," she said. In the beginning of her sophomore year, she realized she missed oceanography, so she met with Rob Wheatcroft, professor and program head for ocean science. He recommended another course and suggested that she apply for OC 295, Field Oceanography, which includes a research cruise and is limited to 14 students over spring break.

Her first cruise convinced Crawford that she wanted to pursue ocean science.

"It made me confident I can be on a boat," she said. "Even though it was a week long. I didn't know if I would deal with the confined space OK, or if it would bother me not seeing land for a while. I didn't know if I got seasick or not."

"Most people learn best by doing, seeing, touching, feeling," said Mary Chuinard, director of student services for CEOAS. "If we can get hands-on experiences through internships, research or field outings, then students can better imagine themselves in those future roles or settings. It often reaffirms the motivation for academics and connects them with people in their field for future opportunities."

OSU is known for offering highly challenging research experiences to talented undergraduates throughout its academic disciplines. It's one of the main reasons so many top-rated high school students choose Oregon State.

Crawford excelled on the OC 295 cruise, earning the Ruth M. Tyson Nor'wester Award, "intended to recognize the student that demonstrates the best combination of seamanship, enthusiasm, and general camaraderie during the cruise," Wheatcroft said. "Becca was an obvious winner for this year due to her outgoing personality, strong work ethic and enthusiasm."

Opposite page: Rebecca Crawford, right, shares a moment aboard the E/V Nautilus with OSU doctoral student Sarah Seabrook, for whom she was an undergraduate assistant.

Crawford has received the kind of opportunities scientists at many institutions don't get until they start on a Ph.D., all the more noteworthy because OSU oceanography is ranked third in the world. Because of her performance on the spring break cruise, she was invited to assist a doctoral student, Sarah Seabrook, on the E/V Nautilus in June.

"I almost said no," Crawford said. "I felt scared to miss finals week; the lease on my house was ending during the cruise and I'd need to move." Wheatcroft offered to store her belongings; others in the CEOAS community helped her negotiate with her professors to finish spring term early.

Crawford's understanding of oceanography and her own interest in it keep growing. "I never would have considered studying deep ocean or working with ROVs (remotely operated vehicles). I was more interested in the shallow-water biological side of oceanography, like coral reefs or sea grasses," she said.

"The deep ocean was stuff you see in an Imax movie, and I thought 'Wow, that's cool!' It's like space exploration ... I never ever thought that I would be up front and close with it."

> As she prepared to leave the Nautilus, Crawford moved confidently through small hatches and nonchalantly climbed the grippy, ladder-like steps to the control van — a black-walled, multi-monitored room where she assisted Seabrook and the science team aboard the ship. During the cruise, the staff worked collaboratively to collect samples from sites

on the ocean floor along the Cascadia margins from San Francisco to Astoria. Once the ROVs and samples were back on board, Seabrook and Crawford moved to the wet lab to process them. A couple of times, they processed the sulfur-smelling samples on the deck as they watched a sunset.

"I felt young at times," Crawford said. "There were people who had been doing this for quite some time, but it was really incredible to be surrounded by people who were so far along in their field. You could tell they really cared about what they were doing and that made me more confident that this is the direction I wanted to go."

After the cruise, Crawford planned to study abroad at James Cook University in Australia. Her CEOAS advisor, Chuinard, helped her find the right overseas experience, but Crawford also needed some financial help.

"She'd been accepted, but then one day she reached out to let me know that she'd decided to follow through and go because she'd gotten the IE3 Global Scholarship," Chuinard said "That made it financially feasible for her."

Back in the common area aboard Nautilus, Crawford prepared to disembark as researchers introduced one another to family members who had come to check out the ship, and reporters interviewed other crew members on deck. Soon Crawford's own family welcomed her with hugs, happy to get some time with her before she headed off on her next adventure.

# A couple of gems in the oral history collection

Editor's note: "Storytellers" highlights stories from the massive OSU Sesquicentennial Oral History Project at bit.ly/OSUstories.

By Mike Dicianna

"After experiencing war, I have an opinion that I can't bury. I don't like it when Oregon State ... plays the University of Oregon, and they call it a civil war. Don't people know what war is? There ought to be a better way to describe the rivalry." — Andy Landforce '42

Landforce commanded a transportation unit during World War II, from D-Day in Europe to the end of the war in the Pacific in 1945. His story — from childhood to Oregon State College, through fighting a world war and coming home to family life and a career with OSU Extension — is but one of the 244 interviews in the OSU Sesquicentennial Oral History Project.

I tend to be somewhat evangelistic about the importance of the project because it contains so much of our institutional memory. With over 70 interviews in my log book, I'm blessed to have learned about some of OSU's greatest: Terry Baker '62, our only Heisman Trophy winner; Ken Austin '54, the original Benny Beaver and one of our most successful and generous graduates; June McCallister '40, with family connections to the origins of our college; Aya Fujii '49, a Japanese American who was interned in a camp during World War II and returned to graduate from OSC — the list goes on.

Landforce and Bud Ossey '43 are two of my favorites. Born in Odessa, Russia, in 1919, Ossey immigrated with his family through Ellis Island in 1920. The family settled in Portland and Bud's father, Abraham Osipovich, enrolled at Oregon Agricultural College as a mechanical engineering student in 1924. "And in 1924, in the fall of '24, my mother and I went down on the old Oregon Electric train, from Portland to Corvallis, and visited with my dad, and that was when I went down to my first football game," Ossey recalls. "Oregon State was playing Idaho, and that was quite an experience."

Another epic story from Ossey involves the famous "Iron Men" OSC football team versus the undefeated USC Trojans of 1933. "There was nobody sitting at the end of the USC bench, so I went and sat down on the bench there, and I stayed there the whole game. And a couple of the — well, several USC football players came over, and said, "Hey, kid, what are you doing here?" And I said, "Well, nobody was sitting here, and I wasn't working, and I just wanted to sit and watch you famous USC players."





**Bud Ossey** 

**Andy Landforce** 

Landforce also is a wealth of Beaver history. He attended Oregon State College from 1938 to 1942, was president of the class of 1942 and is the only living member of the 1942 Rose Bowl Team. His stories about this should be required Beaver 101 curricula. This man had conversations and relationships with names we associate with buildings here on campus: Slats Gill, Frank Ballard, President August Strand and many more.

One thing I learned while interviewing Landforce: He has certain turns of phrase, or "Andyisms" as I prefer to call them. A few:

- "Even though I'm an older senior citizen I'm recognizing that right now there is a tremendous amount of ignorance that I haven't used yet."
- "When I pull away from the bank and enter the current, I am in Mother Nature's world. She makes the rules. I know what she requires and that makes me free."
- "As I get farther down twilight lane, I'm going to carry a lot of these things with me into the grave. They don't weigh anything or take up any space, but they've been a value of life."

Landforce was my first oral history interview. From this experience I was hooked. I am proud of this contribution to my alma mater; it has truly changed my life. As Andy Landforce said during our interview in May 2013, "Wishing you happiness, for no apparent reason."

Mike Dicianna is lead reference student in OSU's Special Collections and Archives Research Center. He is pursuing a master's degree in public history at Portland State University.

# College of Forestry mourns Dean Maness

Thomas Maness, visionary dean of the College of Forestry, died peacefully at home July 12 after battling an illness for the last two and a half years. He had been on the college faculty since 2009 and had served as dean since 2012.



In the words of acting dean Anthony S. Davis:

"Thomas was a true visionary. One only needs to look at the Institute for Working Forest Landscapes and the TallWood Design Institute to understand Thomas' dedication to improving the health of our lands, people, businesses and ecosystems, and to do so through collaborative work. Through his vision, he helped propel our college into a

globally recognized leader in forestry.

"He was our friend, colleague, leader and mentor.

"Thomas' inspiring words were always backed by meaningful action and high expectations. He recognized that for the college to prosper, we had to make hard decisions to achieve the excellence he confidently knew we were capable of. ... Thomas drove

us all to seek and achieve excellence and he provided the tools for us to do so. Since joining the college as department head of forest engineering, resources and management in 2009, Thomas viewed our students as the best opportunity we have to make the world a better place. ...

"Thomas committed to provide an inclusive, productive and engaging workplace. Many came to OSU because of his vision and specifically to work with Thomas. We learned more from him than we could ever ask of a mentor. Thomas was a once-in-a-generation personality."

Provost and executive vice president Edward Feser called Maness "a powerful educator, researcher, university leader and an effective advocate for environmental stewardship and a modern wood products industry. He will be missed by many throughout OSU, our state, the U.S. and Canada.

"Thomas led the college through the planning, fundraising and initial construction of the new \$79.5 million Oregon Forest Science Complex. When completed, the complex will include the George W. Peavy Forest Science Center, the A.A. 'Red' Emmerson Advanced Wood Products Laboratory and Richardson Hall.

"Under his leadership, last year the College of the Forestry was declared the second-best college of forestry in the world."





By Kip Carlson | Photos by Karl Maasdam

The third time was charmed.

There's no other way to explain how Oregon State negotiated a treacherous path to its third baseball national championship in June. At one point, the Beavers were only one strike away from elimination and a baseball was in the air, an easy pop fly that any of three nearby Arkansas fielders could have caught, ending OSU's season and earning the Razorbacks a title.

Inexplicably the ball dropped to the ground in foul territory. The Beavers used their new life to score three runs for a 5-3 win, then won the championship the next night with a 5-0 victory on June 28 at Omaha's TD Ameritrade Park.

That comeback was just one of three at the College World Series for the Beavers, who needed each one to remain in the tournament. They lost their first game and had to win four straight to make the championship series, then lost the first game of that best-of-three playoff to add two more do-or-die games.

"When you stay with things, you've got a chance," OSU coach Pat Casey said after that improbable last-inning win over Arkansas. "We never felt like there was any fluke about it. If you were going to beat us, you were going to have rip these jerseys off our backs."

That didn't happen, unless an exuberant Beaver's celebratory grab of a teammate led to a wardrobe malfunction somewhere in the dogpile following the final out.

"I'll take this with me for the rest of my life, the memories we've made with these guys," second baseman Nick Madrigal said.
"I am truly thankful to say I've played on this team with these guys."

Added shortstop Cadyn Grenier, who drove in the game-tying run in the second game against Arkansas after his foul fly fell untouched: "I came here for the family experience. I've got 30 brothers over here ... some of the best mentors I'll ever have in my coaches and a lot of family that I don't even know that I have in Beaver Nation."

Madrigal, the fourth overall pick in the Major League Baseball draft, and Grenier, also a first-round selection, were speaking to a welcome-home rally that packed Goss Stadium at Coleman Field the day after the final game; earlier that day the Beavers were feted at a similar gathering at Portland's Pioneer Courthouse Square.

The two weeks leading to those championship moments and a final 55-12-1 record were fraught with difficulties:

- » In their second game, against Pacific Northwest rival Washington, the Beavers were down 3-0 in the fifth inning before a lengthy rain delay; when play resumed they stormed back for a 14-5 win.
- » Next up was a rematch with North Carolina, which had beaten Oregon State in their CWS opener. Oregon State trailed 6-3 going into the eighth inning, but as a light rain began to fall — "Beaver weather," some felt — OSU scored eight runs over the



- » OSU then beat Mississippi State twice to reach the finals. The Beavers trailed briefly early in the first game before winning 12-2, then took the second game 5-2 but not before the Bulldogs brought the potential winning run to the plate in the bottom of the ninth inning.
- » The foe for the finals, Arkansas, had won three straight games in its bracket to preserve a well-rested pitching staff while the Beavers had to play five games. But a day of rain pushed the opening game of the championship series back a day, giving OSU a chance to recover a bit.
- » Oregon State's top two starting pitchers, Luke Heimlich and Bryce Fehmel, both struggled in the CWS. Madrigal had a tough series at the plate. And outfielder and leadoff hitter Steven Kwan missed most of the CWS with an injury.

But the Beavers got contributions from players all the way through their roster to survive 2018's rough patches — including a stretch in early April that saw them lose five of seven games in Pac-12 play. For this team and this program, that resilience came with the territory.

"It all starts with Coach Casey and his staff," said outfielder Trev-

In a College World Series marked by many close calls, two Beavers, Trevor Larnach, no. 11, and Zak Taylor, no. 16, advance.





or Larnach, the Beavers' third first-round selection in the 2018 MLB draft. "As soon as we get on campus, they really enforce the mentality that you need to win the national championship. They enforce it every single day. And we went through adversity, injuries, losses, and they just kept saying the same thing and we kept developing and getting better and winning. We finally finished the job."

That winding path to the national title reinforced the notion of "Beaver Family" that has become ingrained in Casey's program.

"Playing here is not like anywhere else," infielder Michael Gretler said. "You really get to become a family, you get to spend every day with 35 of your best friends and your brothers. And when you get a bunch of guys that love each other like that, anything is possible."



At left, an overflow crowd welcomes the champions back to Goss Stadium. Above, Nick Madrigal waits to bat, Tyler Malone roars and Michael Gretler takes a cut.

# A legacy grows

By Kip Carlson

Nine schools have won at least three NCAA Division I baseball national championships. Oregon State is one of them.

If you'd been given that bit of information 20 years ago, it would have been mighty hard to process.

Go back to the summer of 1998, when a deserving OSU team had just been snubbed by the NCAA selection committee. The Beavers were about to enter a unified Pac-10 for baseball, which meant competing with longtime national powers Southern California, Stanford, Arizona State and Arizona.

A Pacific Northwest school hadn't reached the College World Series since 1976, and now the old Northern Division squads would have to battle arguably the nation's strongest conference just to reach the postseason.

Seven years later, the Beavers were in Omaha for the 2005 CWS. A year after that, they won the national championship. And the next year, they did it again.

Now, over a decade later, Oregon State has made three more CWS trips and made it a trio of national titles. The latest brought back echoes of that first championship back in 2006; those Beavers and this year's crew are the only teams in College World Series history to win six elimination games en route to the national championship.

"It's the reason I came here," infielder Michael Gretler said after OSU wrapped up its 2018 title. "I remember them winning it all in 2006, and to be on the field a little ways away from where they did it, it's incredible."

That three-year run of College World Series appearances from 2005-2007 vaulted Oregon State into the ranks of high-profile programs on the national level. By then, head coach Pat Casey had built a program capable of maintaining that status.

Goss Stadium at Coleman Field has seen a pair of renovations and expansions, with fundraising underway for another. Beaver fans flock to the park, coming early to tailgate and providing one of the best college baseball home field advantages in the country.

Oregon State's strong baseball tradition goes back through the tenures of previous head coaches Jack Riley, Gene Tanselli and Ralph Coleman. The past 14 seasons, though, were hard to imagine 20 years ago.

"Nobody ever dreamed somebody from the Northwest could win a championship," Casey told the welcome-home rally at the Beavers' home ballpark. "But I can tell you dreams just go away if you don't get up and act on those dreams.

"Every one of these guys came here with a dream of playing for a national championship and building a bond with some brothers that would last a lifetime. ... They've accomplished that."

What's happened in Corvallis over the past two decades hasn't just transformed baseball at Oregon State, but nationally. When the Beavers won those national titles in 2006-2007, it showed a wider range of schools could compete nationally than previously thought.

No longer did you have to be a big-name school from a sunny climate to think about playing in Omaha. Since OSU's breakthrough, the list of schools reaching the College World Series has included Kent State, Coastal Carolina, Indiana, Louisville, Southern Mississippi, Stony Brook, UC Irvine and UC Santa Barbara.

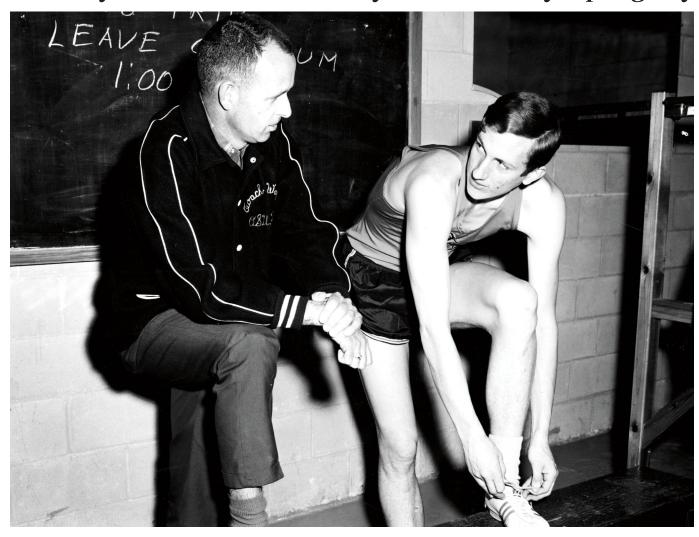
Not only can previously disregarded schools make it to the CWS, they can win it, again and again.

Just ask the Beavers.

# Time to honor OSU's golden rebel



# Fosbury statue, bio come 50 years after Olympic glory



By Kevin Miller

It's a good year to be Dick Fosbury.

On Oct. 19, a day short of 50 years after his gold medal high jump at the Mexico City Olympics made him a worldwide celebrity, he will stand at the site of old Bell Field in front of Dixon Recreation Center and help unveil a majestic bronze sculpture of himself soaring over a bar exactly 7 feet, 4 1/4 inches above the ground.

For generations, students and others will look up and there he'll be, frozen in that singular moment in 1968.

Since his teenage years in Medford, he had fought off skeptics to perfect a backward technique — the Fosbury Flop - that many deemed ridiculous and dangerous. He earned a scholarship to OSU and won two collegiate championships

for the Beavers, but he barely made the U.S. team during a quirky Olympic trials. As the Olympic high jump competition approached, he faced 14 other men who had also cleared 7 feet. Soon, almost all Olympic high jump medalists would be floppers, but on that day he was the only one doing it backward. In front of 80,000 astounded fans, he dragged himself up, over and into history, his arms spread in triumph.

The 1972 engineering graduate said the sculpture, crafted by Ellen Tykeson in her Eugene studio, is among the best things that have happened to him.

"I'm really excited about it," Fosbury said. "It's so awesome. She's amazingly talented. I've had a lot of awards; it can get silly. And once, I was the best in the world at what I did. But this is truly a great honor.

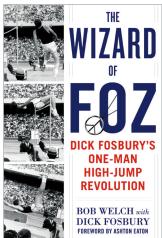
Far left, Fosbury clears 7 feet, 4 1/4 inches to win Olympic gold in Mexico City. Above, longtime OSU men's track coach Bernie Wagner checks in with his star jumper. (Photos courtesy OSU Special Collections and Archives Research Center)

It doesn't happen to many people at Oregon State. And fortunately, I'm alive to get to see it!"

Fosbury never said a peep about it, but a lot of people have been puzzled about the lack of permanent recognition for him at OSU. Maybe it was because the university ended its men's track program in 1988. Maybe it was because of old memories of him supporting counter-culture causes during a tumultuous time on campus. Whatever the reasons, he was something of an orphan in Beaver Nation.



Fosbury greets a fan — in this case Dean Javier Nieto of the College of Public Health and Human Sciences — after receiving the OSU Alumni Association's highest honor, the E.B. Lemon Distinguished Alumni Award in spring 2017. His biography was released Sept. 4. (Photo by Hannah O'Leary)



Elsewhere, car companies and other corporations around the globe used his name and image to tout innovation and out-of-the-box thinking. A European design firm sought to be a disruptor of the status quo, so it named itself "Fosbury," as did little cafés and other businesses around the world.

As the 50th anniversary of his Olympic win drew closer, his old roommate and fraternity buddy, Bryon Van Fleet '68 '72, teamed with other Theta Chi brothers to lobby and pester OSU officials to seize the opportunity to re-embrace "The Foz."

"Bryon really carried my water on this one," Fosbury said with a chuckle. OSU president Ed Ray got involved, eventually decreeing that the university would find a way to give Fosbury his due. Hence the unveiling ceremony, planned for the afternoon of Oct. 19, and other activities. (Details at bit.ly/honorfosbury.)

A cancer survivor, Fosbury lives in Bellevue, Idaho, population about 2,300, where he has been a consulting engineer, is a member of the planning and zoning commission, and is expected to win a seat on the Blaine County Board of Commissioners in the November election.

The long-form story of how he invented the Fosbury Flop, and what happened before and after Mexico City, and how his little brother's death and the subsequent explosion of his once-tight family helped give him the toughness to try his weird technique in front of snickering classmates in high school, is presented in detail in a new biography, *The Wizard of Foz: Dick Fosbury's One-Man High-Jump Revolution*, written with Fosbury's help by Eugene author Bob Welch and recently published by Skyhorse Press.

"This is my life, and how I grew up," Fosbury said of the book. "It's what happened."

He expects to be accompanied at the unveiling by family, OSU friends and possibly some other members of the 1968 U.S. Olympic team, with whom he has remained close, he said, "like a family." He keeps in touch with sprinter Tommie Smith, who — at his own gold medal ceremony in Mexico City — joined teammate and bronze medalist John Carlos in raising a black-gloved fist in protest against racial inequality in the U.S. and elsewhere. Fosbury did not take part in that protest, but was moved by it. He became more active in social causes when he got home.

Like so many of the university's most accomplished and innovative alumni, Fosbury was no star in the classroom. He flunked out of engineering and was thrilled when Dean George Gleeson — after the gold medal hoopla let up — offered him a second chance if he agreed to quit jumping and focus on his studies.

"I was grateful for that," he said. "I went to Oregon State because I wanted to be an engineer." Even with fewer distractions, classes remained a challenge, but he earned his B.S. in March 1972 and had the university mail him his diploma.

Wrote Welch: "He didn't attend the ceremony, feeling embarrassed about how long it had taken, but treasuring it almost as if it were Olympic gold."



Fosbury said he admires sculptor Ellen Tykeson's desire to get the details right. He loaned her a pair of his old jumping spikes to help with that. (Photos by Hannah O'Leary)



"The statue is a great honor. It doesn't happen to many people at Oregon State. Fortunately, I'm alive to get to see it!"



# OSU steps it up in the city

By Kevin Miller

This fall in one of the most iconic buildings in Oregon's largest city, Oregon State will open a new center designed to extend the OSU way of teaching across several disciplines to Portland-area residents who want an OSU experience but can't — for various reasons — move away to attend school.

The OSU Portland Center's home will be the fully renovated second floor of the old Meier & Frank department store building in the heart of downtown. President Ed Ray is among those who are quite excited about the possibilities:

"OSU is proud to be a contributor to the success of the Portland region," he said. "Our central location across from Pioneer Courthouse Square will build on many existing OSU programs and activities in Portland. We look forward to working even more fully with partners in education, industry and the community to serve unmet learner, economic and community regional needs."

Mitzi Montoya, dean of the College of Business, and Scott Ashford, dean of the College of Engineering, are coordinating the university's strategy in the Portland area.

In addition to about 50,000 alumni living in the metro area, OSU also has nearly a dozen programs anchored in and around Portland.

"It's important to note that not everything is going to go to this new facility," Montoya said. "As an example, the College of Pharmacy, which has our major program up there, is still going to be in its state-of-the-art facility on the South Waterfront, collaborating with OHSU (Oregon Health Sciences University). The Food Innovation Center is not going anywhere.

"We already have a really serious footprint up there and that's going to stay as it is."

While Portland-based staff members of the university, the OSU Foundation, the OSU Alumni Association, OSU Athletics and other organizations will get a higher-profile, more efficient workspace in the change, the driving force for the project is Oregon State's desire to serve learners in the Portland region who specifically want what OSU offers, but need to have it delivered closer to where they live and work.

Heavily relying on the university's Ecampus online learning program — consistently ranked in the top 10 nationally — the Portland center will be home to many hybrid courses, in which much of the studying will occur online but will be interspersed with regular, face-to-face time with OSU faculty and classmates in the center's modern classrooms, with the latest equipment.



A rendering by SERA Architects depicts the reception area for the new OSU Portland Center.

"This is a much more intentional and dedicated facility for teaching than we've ever had up there," Montoya said. "After a lot of analysis of the market, we believe a lot of the people in the state's largest city are underserved. They are mainly adult learners — they're working or they have specific life demands — that need a different approach, something more flexible than having to come live in Corvallis and take classes. We bring a huge advantage with us in this because of our excellent Ecampus program.

"This is not duplicative of what other institutions are doing," she said. "This is innovative, something that's not being offered in Oregon in the way we're doing it. It's the OSU way."

Classes and degree programs from many disciplines will be offered through the Portland center, as will courses designed to keep already trained and employed people up-to-date and more employable. Montoya noted that in her area of expertise, business, an OSU MBA offers a distinctive emphasis on analytics, entrepreneurship and design that attracts specific types of students. Other OSU disciplines have their own areas of distinction that cause both undergraduate and graduate students to seek them out, she said. The Portland center will allow the university to bring those strengths to the Portland marketplace for those who want to learn things the OSU way but need to stay close to home.

### THE BASICS

OSU has leased about 40,000 square feet on the second floor of the historic Meier & Frank building, which covers a city block immediately northeast of Pioneer Courthouse Square.

The historic 15-story building is between SW 5th and 6th avenues, and SW Alder and Morrison streets. The Nines Hotel occupies the 6th through the 15th floors of the building. While OSU will occupy the entire second floor, retail stores will occupy the ground floor and additional tenants will be located in the 3rd through 5th floors. MAX light rail lines serve the building on three sides.

The renovated space will provide (subject to change):

- » Office and meeting areas for some OSU Portland staff and the Portland staffs of the OSU Foundation and the OSU Alumni Association. They have been working on the fifth floor of the Union Bank building.
- » Five general purpose, state-of-the-art classrooms.
- » Four staff conference rooms suitable for use as seminar rooms.
- » One conference room available to the public for reservations inside the OSU office space.
- » Six student team rooms.
- » Numerous small, informal study spaces.
- » An executive conference room with reception and lounge area.

# Big changes in career prep



Yuliya Dennis, left, OSU Alumni Association director of alumni career services, is one of many on campus who are collaborating with Brandi Fuhrman, executive director of career development, as Fuhrman and her staff work to dramatically improve the way the university supports students' efforts to prepare for and land rewarding, meaningful positions. (Photo by Hannah O'Leary)

By Kevin Miller

It sounds a bit dramatic but it's true: Oregon State's career development efforts have literally come out of the darkness and into the bright light of one of OSU's prime office locations.

Long located in the basement of the Kerr Administration Building, in a somewhat dingy and hard-to-find space, the Career Development Center has moved to a ground-floor office with floor-to-ceiling windows and huge murals. It's pretty much the first thing visitors see as they enter Kerr, which also houses OSU's executive suite.

Brandi Fuhrman, new executive director of career development, is determined to make sure the change isn't just symbolic. She's working with partners across campus — including OSU Alumni Association career director Yuliya Dennis — to create change.

"When I took this job," Fuhrman said, "I knew that for the last 50 years, the role of career development on this campus and most others has been different than what students need today. Even 15 or 20 years ago, if you walked out of college with a bachelor's degree, that set you apart. That's not enough anymore. Careers are changing and the preparation you need is changing.

"My kids are 8 and 10 years old. The jobs they're going to be getting when they get out of college — we don't even know what they are. There's a skill set needed to navigate that, and it's not what career development has been about.

"Our customers, the students, have changed," she said. "If you poll students and ask them why they're going to college, 96 percent of them say it's to get a job or to get a better job."

Dennis agreed.

"We're living in a time when that ROI the value of a college education — is facing extreme questioning," she said. She sees it in her work with alumni who have trouble starting or restarting their careers. "If they don't get help as students, and they don't get a job after graduating, or they get a poor job, by the time they come to me as alumni they're saying, 'I don't think OSU prepared me enough."

Both women want to see OSU's approach to career development become a prime example of doing it right.

"We want students to be intentionally colliding with career development the whole time they're here," Fuhrman said. "We're trying to build a career ecosystem, so that career development isn't something you go and do at a center, it's something you're doing through your entire experience, in and out of class.

"When you're working that part-time job in the coffee shop, you're building transferable skills. Students will say to me, 'I'm just making coffee. I'm not learning anything,' and that's just flat not true. They're learning important skills, but we need to do a better job of helping them connect the dots so they can apply it all to their careers."

A 2018 survey of graduating college seniors and prospective employers by the National Association of Colleges and Employers revealed huge gaps between students' and employers' perceptions of how ready the students were for jobs.

For example, 89.5 percent of students and 42.5 percent of employers said students had an appropriate work ethic and sense of professionalism. Similarly, 79.4 percent of students and 41.6 percent of employers rated students as proficient in communication. The only category in which employers' evaluation exceeded students' was in the students' ability to use digital technology.

Fuhrman and her staff seek to weave career preparation into coursework across the curriculum, so that preparing for a robust work life after college is a seamless, natural part of the OSU experience. Dennis is collaborating as much as possible.

"If we can do a good job of career development on the student side and a good job on the alumni side, we can show people that, yes, college was worth it," Dennis said. "Even when they come to me unhappy, if I can work with them on a few basic career skills, suddenly it can turn around and the world's their oyster."

Dennis and Fuhrman described several situations that can become harrowing for students who make it into the workplace but hit a snag. Often, they don't know how to ask for a raise or a better assignment. Or maybe they find that a career they thought they'd love is not right for them, and they feel trapped and have no idea how to make a change.

"Handling change is something we should be teaching them through their time on campus," Fuhrman said. "Even when students change their major, they often think it's a failure, when it might be the best decision they've made, and help lead them to a career that fits."

The Career Development Center is at career. oregonstate.edu. OSUAA career resources are at osualum.com/career.



# Accurate health info made easier to find

OSU is home to one of the premiere databases of information on nutrients and phytochemicals — available right at your fingertips, courtesy of the Linus Pauling Institute.

A trusted source of information on dietary factors that promote optimum health, the institute is committed to helping people make educated decisions about micronutrients and phytochemicals. To further this goal, we developed the Micronutrient Information Center (Ipi.oregonstate.edu/mic).

Since its debut in 2000, the Micronutrient Information Center has been the institute's flagship outreach medium: an open-access, online database of evidence-based information on the roles of vitamins, minerals and other dietary factors in promoting health and preventing disease.

> A recent addition to this website is the "Health & Disease" section. Instead of looking up pages for each vitamin or mineral, this section gathers relevant information on several health topics. With user-friendly infographics and easy-to-read summaries, dedicated health-seekers can quickly find nutrients and dietary factors related to specific conditions.

> > Several health and disease conditions are already available, including pages on Alzheimer's disease, bone health, osteoporosis, immunity, the common cold, pregnancy, heart attack and stroke, with more coming in the future.

> > > Have interests that go beyond health topics? The core of the Micronutrient Information Center has dozens of in-depth articles on vitamins, nutritionally essential minerals, phytochemicals and other dietary factors, including food and beverages. It adds up to a thorough compendium of information needed to inform healthy dietary and supplement choices.

Maintaining scientific accuracy is of the utmost importance to the institute, so content in every section of the website is written and reviewed by Ph.D. nutrition scientists at the LPI. Experts in the field review each article to ensure it provides accurate, high-quality information backed by the latest science.

The Micronutrient Information Center is freely available and does not contain ads — generous donations to the Linus Pauling Institute support its development and maintenance. Some of the content has been translated into Spanish and Japanese and posted on companion sites. With over one million visitors every year from around the globe, it is one of the most frequently visited websites at OSU.

Alexander Michels, research associate, LPI

The Linus Pauling Institute is a world leader in molecular nutrition research. Make a gift today at osufoundation.org/GiveToLPI.



# Back to India for his OSU degree

By Tyler Hansen | Photo by Chris Becerra

Patric Papabathini had made it. He was in his early 20s and passionate about technology, about innovation that can change the world. He wanted to be a part of the excitement and, more importantly, he had a skill set that made himself valuable.

In 2012 — just a few years after moving from India to the U.S. with his family — he found himself at the center of it all, working for Microsoft as a database administrator in Seattle. Like most who ascend the first rung on the corporate ladder, Papabathini wanted to go in only one direction: up.

But he couldn't. That imaginary ladder quickly runs out of rungs for many people like Papabathini who haven't graduated from college. His lack of a degree prevented him from applying for management jobs he wanted, jobs in which he was confident — after four years at Microsoft — he could thrive if only given the chance.

The message was loud and clear.

"Without a degree, I had no chance," he said.

To move up, Papabathini moved home to his native India in 2016. He left his job and, newly married, relocated with his wife to live with her family in Delhi and shifted his focus to deciding where he should go to earn his degree.

His thorough research of prospective universities led him to one obvious best choice, for two reasons: affordability and the chance to receive an authentic student experience despite being half a world away. As fate would have it, he'd moved 7,000 miles from the Pacific Northwest to enroll online with OSU Ecampus.

"I chose Oregon State University because Oregon State treats everyone the same," Papabathini said. "Online students are not treated differently than on-campus students."

His experience as a business administration student hammered home that point. He learned from faculty in the College of Business who create an engaging environment through interactive lessons that help students develop profession-ready skills.

"The business program was great. Studying from India was a little challenging but also really fun, mainly because the faculty did a great job of making themselves accessible," Papabathini said.

"My professors made that extra effort to actually give real-world experiences. I was able to approach learning not just to pass a class but to enlighten myself and learn something I could practice in life."

Two years after leaving the United States, he made the long journey back in June to walk in Oregon State's commencement ceremony. It was his first visit to Corvallis, and he had the opportunity to meet his academic advisor, Lindsay Andrews.

He also attended a reception for the OSU Ecampus class of 2018 on the morning of graduation — about one in seven OSU grads were from the nationally ranked distance-learning program this year — and made it to the Memorial Union for his first taste in years of his favorite American fast food, Panda Express.

Papabathini plans to make a longer-lasting return to the U.S. soon to resume his career in the tech world. Armed with an OSU business education, he has his sights set on management.

"I'm definitely more equipped now. I don't have to worry about my résumé anymore because now I can say that's done, I have my degree," he said. "I can confidently move in the direction that I've always wanted to go."

Tyler Hansen is a marketing communications manager for OSU Ecampus.

# Healing and identity through art



By Gretchen Schrafft | Photo by Hannah O'Leary

Graduating senior Christine Hoang's piece, "Shades of Her Soul," in Prism, OSU's student art and literature journal, uses a medium called paper quilling to fuse psychology with creativity, mapping sections of the brain by way of vibrantly colored strips of paper teased into intricate designs.

Hoang also draws, paints and does digital illustration, with a passion for art that started in the first grade. They (Hoang prefers gender-neutral pronouns) said they recognized early that "engaging in art or anything creative helped me a lot in healing from trauma and oppression. It also allowed me to creatively express myself and embody parts of myself that I may have been struggling with or continue to struggle with."

A psychology major with a social justice minor, Hoang intends to work as an advocate, either in the nonprofit sector or in student affairs in higher education — which will be no surprise to the many students and community members with whom Hoang has worked during two years at the Pride Center, developing programming for OSU's LGBTQ+ community. A beneficiary of OSU's Educational Opportunities Program, Hoang also wants to help low-income and first-generation college students find similar support. Hoang has worked as a crisis counselor via the campus crisis text line, volunteered with the Center Against Rape and Domestic Violence, and helped facilitate a Queer Students of Color Conference at Portland State — among other activities.

Four years ago, Hoang arrived at OSU on a very different path: "I wanted to be a pharmacist." This choice had everything to do with their upbringing. Hoang identifies as Vietnamese American, queer and non-binary, and said they grew up in Portland in a low-income household with a father who was physically abusive to their mother and mentally and emotionally abusive to his four daughters. The youngest sibling by 12 years, Hoang is the only member of their family born in the United States.

"Growing up, I had to carry responsibility in attending college and having a successful career where I could support my family. I was pressured a lot into focusing on my academics and so I didn't get to form many friendships before college. I was mostly living or doing things for my parents all the way up until my first or second year of college."

Hoang changed academic focus as a sophomore and applied for a job at the Pride Center by the end of it. Through friendships and community at the Pride Center, and classes in areas they were passionate about, Hoang engaged in a kind of self-exploration that hadn't been possible while living at home.

Hoang's background helps when working with students from underrepresented and marginalized communities, especially queer and trans students of color who may also be low-income and (dis)abled. It also makes them alert to ways of enacting social and personal change that others might not consider. With colleagues at the Pride Center, Hoang has created events at which students gather and find community while expressing themselves through art. Hoang wants to revive a Pride Center publication which, like Prism, would publish student art and writing and could be delivered electronically to build stronger links between the Pride Center and OSU's large Ecampus enrollment.

These initiatives speak to an idea Hoang had reinforced in Women, Gender and Sexuality Studies classes: Art-making is a form of activism. "I perceive art as an empowering tool that has the ability to uplift stories and change public discourse. Typically, people view protests, rallies and marches as the ultimate form of activism but it's not the most accessible type of activism. Some folks are not able to go outside of their homes, and some may not be able to vocalize their thoughts or feelings. So art provides a helpful alternative."

Gretchen Schrafft earned her MFA in creative writing from OSU in 2016. She teaches college writing and composition in Seattle.



Oregon State got some exposure in television prime time this spring in "The Oregon Experience," the award-winning history series co-produced by Oregon Public Broadcasting and the Oregon Historical Society. "Oregon State University: 150 Years As Oregon's Land-Grant Institution," premiered in several locations, then was broadcast, and is available at bit.ly/osuonopb.

"Whether you realize it or not, you have used technology and products that came from Oregon State University," OPB producer Kami Horton wrote in her introduction to the piece. "It was OSU alumni who invented the computer mouse, wrinkle-free cotton and standard dental equipment.

OPB's Kami Horton interviews President Ed Ray for an episode of "The Oregon Experience." (Photo by Hannah O'Leary)

OSU "developed the modern maraschino cherry and marionberry. Its Extension Service operates an outdoor school for over 30,000 Oregon fifth- and sixth-graders each year, along with 4H programs in every county. ... Experiment station scientists have developed high-yield wheat products used worldwide."

Through interviews and "a rich trove of rare archives, the program tells the story of alumni, faculty, researchers and the community that created the school for the people of Oregon," Horton said.

## 'History is a vaccine against superficiality'

"Today we're bombarded with information at a rapidly accelerating pace," said Christopher McKnight Nichols, associate professor of history and director of the Center for the Humanities at OSU, as he began his talk at TEDxPortland in April.

An expert on the history of U.S. isolationism, he centered his presentation on the phrase "America First," and on why it's important to look more deeply at it.

"The average U.S. citizen consumes more than 12 hours of media every day," he told the Keller Auditorium crowd. "We're asked to process information faster than ever. Is it so surprising that most of us make our decisions based on not much more than hunches and gut feelings? That we often skate the surface of some of the biggest issues and most important questions of our time? I'm a professional historian, and in the next 14 or 15 minutes I want to use my past 15 years of research to convince you that history has a vital role to play in our lives."

The talk is available at this link — bit.ly/tedxcnichols with Nichols appearing about 2 hours, 11 minutes into the 3 hour, 35 minute session.







Brandon Schleiger, Bremerton, Washington

What's next? I've been applying for different government jobs. Jobs at naval underwater warfare labs.



Sol Dressa, Portland What's next? Going on to grad school at UCLA. I want to be an air quality analyst, working in marginalized communities.



Parker Lund, Corvallis

What's next?

Go for a master's in genetics and behavior at University of Massachusetts Dartmouth. I'm interested in studying genetic mechanisms behind clown fish behavior.



OSU graduated a record 7,128 students during its 149th commencement June 16 at Reser Stadium in Corvallis. Those students received 7,435 degrees. The commencement address was given by Harley Jessup '75, a renowned animation production designer who has won an Academy Award and an

Emmy Award for visual effects. A total of 1,065 Oregon State distance students completed degree requirements online this year through Ecampus, the university's top-ranked online education program, and OSU-Cascades in Bend awarded degrees to 279 undergraduate and 90 graduate students.



Brittany Tse, **Portland** What's next? I am taking two years off, and then I am applying to optometry school. I am going to travel a little bit, I am going to job shadow, and finally going to make some money for a little while.



Jessica King, **South Carolina** What's next? Hopefully work to get my vet tech, through a vet



San Diego, California What's next? I am joining the Navy. I am going to work as a special warfare operations officer for two years, and then I am going to go to PT school and work as a PT in the Navy.

**Brooke Voorhies,** 





Julia Heaston, California What's next? Decide between grad school or going into the workforce. For the workforce, for me in horticul-

ture ... I would either do landscape contracting or landscape architecture for a master's.



Kayla Chang, Sacramento, California

What's next? Go home and work for a year, either in forestry or in some time to really evaluate what my next plan is.



Portland What's next? A job with a healthcare consulting and employee benefits company called the think there is a lot

for me to learn.

Chase Fettig,





Mohammed Algadhib, Saudi Arabia What's next? | plan to work as a software engineer. I have an internship lined up in Portland. I am excited about it!



Rita Wang, Taiwan What's next? I am going to vet school for another four years in Boston.



Roseburg What's next? Some ecology research, probably for the state, and possibly the federal government. It would entail tree aging and studying fire regimes and insect and disease issues.

Tyler Mesberg,

# Memories defined by bricks and mortar Story and photos by Hannah O'Leary Bennes, the architect, articulated much of Olmsted's vision into

Story and photos by Hannah O'Leary

Do you remember standing under a brick overhang as you opened your umbrella or tugged that rain jacket hood over your head before rushing to class? What about spring afternoons spent in green campus quads surrounded by brick and terra cotta, as cherries, magnolias and rhododendrons took turns dropping blossoms? Did you memorize routes to class, only to accidentally go to some other brick structure instead of Wiegand for a final exam, because there was something familiar and similar about so many campus landmarks? Within the heart and memory of most OSU alumni are images of iconic red brick buildings with cream-colored trim, and that's no accident.

In surveys OSU alumni express a higher-than-normal "geographic affinity" for the campus. They don't say, "I just really love red brick," but it's embedded in phrases like, "It feels like a real university," or "I knew I wanted to come to OSU the first time I visited campus and looked around."

Oregon State owes this cohesive feel to the careful planning and collaborative efforts of President William Jasper Kerr, John Bennes, John Olmsted and to campus landscape expert Arthur L. Peck. A narrative report typed on Oct. 1, 1909, to Kerr from Olmsted, the nationally renowned landscape architect, set forth the plan for OSU's look and feel. Peck eventually took Olmsted's recommendations and drew a map of the original campus plan (bit.ly/peckmap). And Bennes, who designed 30 to 35 of the earliest buildings on campus, did so with Olmsted's recommendations in mind.

"Olmsted's plan, and Peck's visualization of that plan, really form the core," said Larry Landis, director of the Special Collections and Archives Research Center. "If you look at Peck's visualization, you can see a lot of the Olmsted plan recommendations incorporated. The two major quads — Olmsted recommended those, Peck included them in the drawing; we still have them today."

In the report are Olmsted's recommendations on buildings: a simple classical design made of red brick with terra cotta trim or design elements. "No matter how pressingly urged, the use of concrete or buff and other fancy bricks or a white or very pale stone should be absolutely prohibited for the main wall surfaces," he wrote. Anticipating push-back, he writes: "It is true that the local red brick may be criticized as being commonplace. So is grass commonplace, yet it would not therefore be in better taste to cover a lawn with white ribbon grass or some other curious grass."

"Another legacy of Olmsted's plan is maintaining the lower campus as an open, park-like space," Landis said. "You can see that in Peck's visualization."

Bennes, the architect, articulated much of Olmsted's vision into brick and mortar, designing the Women's Building, Langton, Moreland, Kidder, Hovland, Weatherford, Ballard, Milam, Gilkey, Graf, Covell, Merryfield, Pharmacy and several barns or outbuildings.

The Great Depression nearly stopped new construction, so Bennes designed only two new buildings on campus during that time-period — Plageman and Gilbert halls. Later, in the '50s and '60s, came a period of campus construction that causes Landis to shake his head. "Bad architecture," he said. His examples include a west addition to Milam Hall that doesn't fit with the rest of the building, Weniger and its near-twin — the campus building no person seems to love, Snell.

"Maybe bad architecture is too strong, but inappropriate architecture," Landis observed. He and others worked to create a historic district for the campus, getting 55 buildings onto the National Registry of Historic Places in 2009.

"I think even before the creation of the historic district there was a movement back to the Olmsted plan" said Landis.

The historic district's design parameters mainly echo those of Olmsted and Bennes. "New buildings have to be compatible with the existing structures in their design, and that really is the red brick and terra cotta," said Landis. "The Student Experience Center is a great example of those elements and it is one of our newer buildings."

Some campus buildings do have their own distinct look and feel, but their design is often reflective of a special use.

"You were always going to have exceptions; I think Olmstead would have expected that," said Landis. "He was meaning the main buildings, the residence halls ... he certainly wasn't advocating for red brick barns, although the first barn that Bennes designed did have red brick as part of it and columns — columns for a barn!" 🗩





## **OSUAA** helps mark Medal of Honor Highway



What began as a chance encounter between Wade Westhoff '93, then chair of the OSU Alumni Association Board of Directors, and Dick Tobiason, chair of the Bend Heroes Foundation, led to a May ceremony on the Memorial Union steps to dedicate the final commemorative sign along Oregon's Medal of Honor Highway (U.S. 20), which runs just south of the Corvallis campus between Corvallis and Newport.

Tobiason needed a sponsor for the sign, and OSUAA board members made private donations to support it, out of patriotism and because it afforded a chance to remember one of history's most heroic Beavers, 1916 graduate Edward C. Allworth, who won the nation's highest award for valor in World War I. Returning to Corvallis after the war, Allworth raised money to build the Memorial Union and went on to manage the MU for 38 years.

The designation recognizes all 26 Medal of Honor recipients from Oregon and marks the completion of a 10-year effort by Tobiason and others in the Bend group, which secured similar designations for five other Oregon highways to recognize Purple Heart recipients, veterans of World War I, World War II and the Korean, Vietnam, Persian Gulf, Afghanistan and Iraq wars.

OSU counts one other Medal of Honor recipient among its graduates: John Noble Holcomb '67, who received the medal posthumously after being killed in action in Vietnam. After the MU ceremony, a state highway crew installed the sign on the highway just south of campus.

Allworth's medal citation is at **bit.ly/allworthmedal**, and Holcomb's is at **bit.ly/holcombmedal**.

## IMPACT: 35 years of joyful learning, movement

By Kathryn Stroppel

Oregon State alumni share many of the same experiences, and for thousands of them, a defining experience is IMPACT.

A community-based service and real-time learning lab, IMPACT is a noisy, joyous program providing young people up to age 21 with physical and/or intellectual disabilities the opportunity to move their bodies, play with peers and develop a passion for lifelong physical activity.

For the more than 300 diverse undergraduate students from across the university who staff the program each year, IM-PACT provides hands-on experience and valuable training whether they are future researchers or practitioners.

Graduate student coordinator Laynie Case, from San Diego, California, was involved with the program as a master's student and then spent two years working at the Chico State Autism Clinic before returning to OSU. "My favorite thing is when the kids find something that they really enjoy, you get to see more of their awesome and unique spirits," she said.

There are benefits for faculty as well. "We can test a method or practice assessment, use a behavior management technique or teach a skill," said associate professor Megan MacDonald, who has been involved in the program for seven years.

"Each week during IMPACT ... I can see students develop relationships with participants, as well as form innovative ideas," she said. "This is why I do what I do."

IMPACT was created 35 years ago by John M. Dunn, chair of exercise and sport science, and graduate student Paul Maguire, with 11 children. Dunn recalls that he knew "we were on to something" when families from as far north as Hillsboro began attending.

Today, this first-of-its-kind program serves about 90 children, has been key to training at least 3,000 undergraduate student volunteers and 50 doctoral students from around the world, and has inspired dozens of similar programs across the country. In addition, hundreds of master's degree students have participated and now work



in public schools across the country, improving the quality of physical education.

Former College of Public Health and Human Sciences executive associate dean Jeff McCubbin became involved in IMPACT in 1988 and it left an indelible impression.

"The impacts go far beyond the participants and OSU students there in the Women's Building on Friday nights," he said.

Professor J.K. Yun, IMPACT for Life Faculty Scholar, now leads the program in which he has been involved in since 1999. During that time, IMPACT expanded to support physical activity opportunities in the Corvallis community to youth over 21 as part of IMPACT for Life.

"I sometimes feel I'm the one who benefits most from IMPACT," Yun said. "It gives meaning to what we study and why we study adapted physical activity. IM-PACT helps support an inclusive community and enriches everyone in the process. It allows us to practice what we preach."

To learn more about IMPACT, visit health. oregonstate.edu/impact. The college is creating a community of volunteers and participants and is asking those who've

worked with IMPACT to contact Rena Thayer at rena.thayer@oregonstate.edu. Those who want to support the program are encouraged to contact heather. brust@osufoundation.org.

The college is hosting an IMPACT reception from 6-8 p.m. Sunday, Sept. 30, in the Women's Building gymnasium. Please let IMPACT's Thayer know if you can attend. 🗩



## Generous alumni pave way, endowing faculty excellence

Since President Ed Ray came to OSU 15 years ago, and through the successful conclusion of The Campaign for OSU and ongoing philanthropic efforts, donors have tripled the number of endowed positions supporting the university's faculty. These positions, now totaling 145, build on Oregon State strengths in areas from global health to forest

management, business ethics to mathematics and more. This spring at an event celebrating faculty excellence, the university recognized 19 new holders of donor-supported faculty positions. Meet three of the many who are improving life in Oregon and the world beyond through teaching, research and service:



#### The national advisor on radiation protection

#### **KATHRYN A. HIGLEY**

Rickert Professor Head of the School of Nuclear Science and Engineering, College of Engineering OSU faculty since 1994

#### What is the challenge that you are addressing?

"For decades our radiation protection philosophy has assumed that 'if you protect humans, you protect the environment.' This approach has led us to make some strange choices in managing radiation exposure and the handling of radioactive waste and radiologically contaminated areas. In some situations our choices have been environmentally destructive, without substantively reducing risk to people. For the last 20-plus years I've been part of a cohort of scientists that have challenged this worldview, and pushed for a more comprehensive approach to assessing impact from radiological contaminants. The goal is to develop an ethically justifiable approach to radiation protection that considers both humans AND the environment."

#### What has been your proudest moment of your work so far?

"This year, based on my recommendations, the nation's radiation protection advisory board adopted recommendations for radiation protection of the environment. These recommendations will be incorporated into guidance and standards for the USA."

About the endowment: Civil engineering alumnus Ed Rickert '38 and his wife, Fola Fay, made an estate gift that established an endowed fund in the College of Engineering. Rickert was owner and president of Monarch Machine Company.

#### The expert on the human-animal bond

#### **KRISTEN MOORE**

Campbell Family Small and Companion Animal Program Faculty 4-H Education Program Assistant OSU faculty since 2017

#### What do you love about your field?

"I wake up every morning energized because every extra moment of hard work and creativity directly impacts local Oregon youth. I love connecting youth to the questions animal scientists are asking in Oregon and around the world and igniting their spark for scientific learning."

#### What is the big vision behind your work?

"Today's youth are faced with unique challenges making it imperative for all youth to feel like they belong and can develop the skills necessary to thrive. Strengthening the bond between youth and their pets can promote youth thriving and improve youth physical and emotional well-being. My work aims to provide hands-on learning opportunities for all youth to learn how to become their pet's advocate and, in turn, learn how to advocate for themselves and others in their community."

**About the endowment:** Sandy Marshall Campbell '85 and Scott Campbell '80, who established this endowment with the Banfield Charitable Trust, are the owners of Silvies Valley Ranch. Sandy is an OSU Foundation trustee.

#### The whale tracker

#### **DANIEL PALACIOS '03**

**Endowed Faculty in Whale Habitats** Assistant Professor in the Department of Fisheries and Wildlife, College of Agricultural Sciences, and Marine Mammal Institute oceanographer OSU faculty since 2013

#### What do you love about your field?

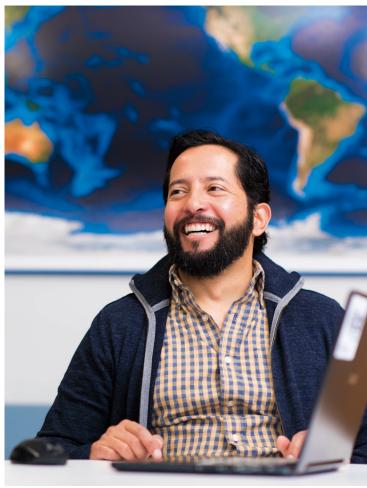
"Whales are consummate navigators, regularly crossing vast ocean expanses. Yet we're just starting to get a better grasp of how they do this. Whales also are superbly adapted to their habitats, using a variety of strategies to exploit them, but we're just beginning to understand how they respond to the natural variability of their environment. The questions that arise are endless, and we are continually making new discoveries that leave us open jawed."

#### What brings you the most joy in your work?

"The satellite tracking technology we use to study whales has evolved to a point where we can routinely follow them for multiple months while receiving essential information about their daily diving activities as they cross ocean basins. Along with these developments, computing power has also advanced to a point where we can unleash sophisticated analytical approaches to extract information from the tracking data we hardly could have imagined a decade ago. Being able to crunch numbers and back our studies of whale ecology with robust information gives me great joy."

About the endowment: The Professorship in Whale Habitats was created through the combined gifts of several supporters of the Marine Mammal Institute. 🔎





## OSUAA has new executive director



John P. Valva started in July as executive director of the OSU Alumni Association and vice president of alumni relations at Oregon State, replacing Kathy Bickel, who retired in June.

Valva brings to OSU more than two decades of senior leadership experience in alumni relations. Since 2010, he has served as executive director of alumni and constituent affairs at the University

of California system, where he coordinated constituent engagement communications and alumni programs across the 10 University of California campuses.

"We are excited to bring a leader of this caliber to OSU," said Wade Westhoff, immediate past chair of the alumni association board and a 1993 OSU graduate.

Valva earned his bachelor's in political science and government at UC Berkeley and his master's in management from the University of San Francisco. He oversaw alumni engagement at UC San Diego and alumni marketing and revenue generation at UC Berkeley prior to his work with the UC system.

"I believe fervently in the mission and role of a public research university, and how Oregon State University positively reflects the values of the state and region," Valva said. "OSU alumni are successful, proud and loyal. Their contributions to their communities are a powerful extension of OSU's impact across Oregon and around the world. This appointment is a true honor."

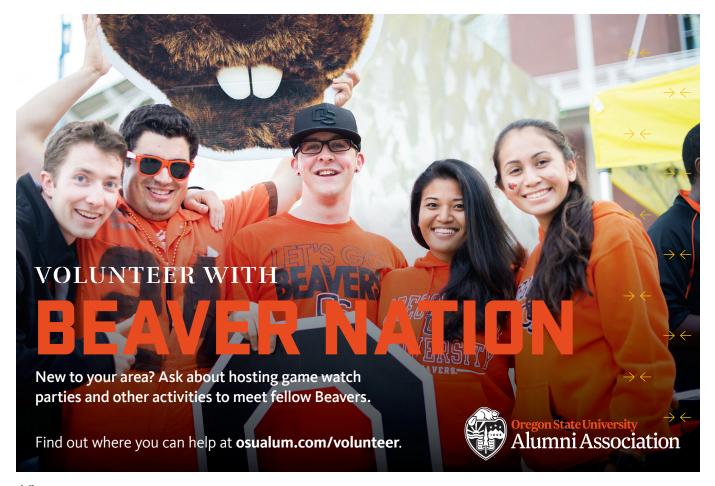
"John Valva has the experience and expertise to ensure that Oregon State's alumni programs support the university's mission as a 21st-century internationally recognized research university," said Oregon State president Ed Ray.

The OSUAA is a nonprofit organization that supports the university by connecting alumni and friends with the university and with one another. From its base in the CH2M HILL Alumni Center, the association publishes the *Oregon Stater*; organizes gatherings where Beavers live, work and play; supports future alumni with services to current students; helps Beavers launch and improve their careers, and operates joint programs with OSU's colleges to provide alumni services.

In 2017 the association voted to integrate with the OSU Foundation to better coordinate mutual efforts in support of Oregon State and its friends and alumni. Together, the organizations have more than 170 employees in offices in Corvallis, Portland and Bend.

"We are delighted to welcome John to the OSU community," said Mike Goodwin, president and CEO of the OSU Foundation.

Valva's wife, Hanna, is a native of Corvallis and a 1997 Oregon State graduate, now working in the financial services sector.



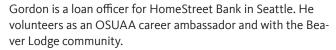
### New members, officers named for alumni association board

Three alumni have joined the OSU Alumni Association Board of Directors and several established board members have been elected to new positions on the executive committee, including Tom Nakano '89, who now leads the board as chair.

Joining the board for three-year terms are Pam Johnson, a 1983 graduate of the College of Business; Sean Gordon, a 2013 graduate of the College of Business, and Jessica Austin Wolfer, a 2010 and 2011 graduate of the College of Science.

Johnson, of Newport Beach, California (soon relocating to Texas), worked for Nike for many years, most recently as global business development director.

She volunteers for OSU on the College of Business Dean's Council of Excellence and as a regional volunteer for the alumni association, hosting regional networking events and student send-offs in Southern California, and has participated in regional events and Business Roundtable in Portland. While at OSU she was involved in student leadership through Memorial Union Program Council and band.



While at OSU he was an executive member of the Chi Phi fraternity, a member of the Order of Omega, an executive member of the Interfraternity Council and a member of the strategic planning committee for the Center for Fraternity and Sorority Life.

Wolfer is a photographer and founder of Jessica Wolfer Studio. She has also been a teacher at Newberg High School. As a granddaughter of Ken and the late Joan Austin, she has deep connections to OSU. Her husband, Nicholas Wolfer, is a 2012 graduate of the College of Forestry.



Pam Johnson



**Sean Gordon** 



Jessica Austin Wolfer

Nakano, a College of Business graduate who lives in Spokane, Washington, is executive vice president and chief administrative and financial officer at Northwest Farm Credit Services. He said he looks forward to productive work in support of OSU and its alumni with his fellow board members and John Valva, new executive director of the OSUAA and vice president for alumni relations.

"I am honored to be stepping into the chair role and leading the efforts of our board." Nakano said. "We are very fortunate to have someone of John's caliber as our new executive director. The board is confident that John and the OSUAA staff are well positioned for continued success. My primary objectives as chair are to support John and his staff and to ensure that the alumni association continues to find new and innovative ways to fully engage with our fellow alumni, students and friends."

Joining Nakano on the board executive committee are:

- » Lori Rush '78, vice chair.
- » Julie Lambert '85, treasurer.
- » Wade Westhoff '93, immediate past chair.
- » Jon Bettendorf '88, liaison to the OSU Foundation Board of Trustees.
- » Penny Atkins '79, OSUF Board of Trustees liaison to the OSUAA board. 🗩

#### **OREGON STATER FAQS**

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## Her leap of faith was toward Corvallis



#### Meet Halli Barrios, student alumni ambassador:

#### Where did you grow up?

In southern California, in a city called Rancho Cucamonga; It's quite a mouthful. It's 30 minutes from Disneyland!

#### Why OSU?

Funny enough, OSU wasn't my first choice; it fell into my lap when I got the acceptance letter and scholarship package. I learned about all the research opportunities here, and I liked how science-oriented the university was, so I flew up the very next week to check it out. When I got here, I was on a science tour, and the campus in the spring was unlike any college in California ... just breathtaking ... I took a leap of faith and decided to come here and am still very happy with my decision.

#### How close are you to graduating, and what's next after that?

I graduate spring 2019, and after that I am going to be in a post-bacc program for a year before medical school. I plan to become a surgeon one day and work in pediatrics.

#### What has been your favorite class at OSU?

I have taken so many and they all were really amazing. My favorite, though, would probably be sociology of public health. I learned about current problems and trends in public health around the globe, as well as how people are starting to try to eradicate those problems. Learning about what I can do today to affect tomorrow really stuck with me.

#### What's the most important thing you've learned outside classes?

I think the most important thing I learned outside the classroom is to know what you don't know. Whether it's about your strengths, weaknesses, whatever it may be, not being afraid to say I don't know, and seeking out answers, is a big part of life.

#### What's your favorite place to hang out on campus?

I have a great office space in the Student Experience Center with a lot of amazing people, so I usually am there. In the spring, I am always outside, especially when the cherry blossom trees are in full bloom.

#### What's your favorite place to hang out in Corvallis?

It's more about who I am with. I have people in dining centers that I work with who make that space one of my favorites, but I also can go downtown to a restaurant and feel the same love and community. If I had to pick, I love being downtown at the park by the river.

#### What kind of support do you get from scholarships?

I have a couple grants based on academic performance, but I actually get most of my support from financial aid. Growing up, it was always a fear about money, as I knew we didn't really have the money for out-of-state tuition. If OSU hadn't given me scholarships and aid, I wouldn't be able to attend here, so I am truly blessed for that.

### Of all the things you could choose to get involved in on campus, why the Student Alumni Ambassadors?

My story with SAA is funny because I actually got nominated for an interview without me even knowing what it was. But when I learned what it was, it fit right into what I wanted, because I really wanted my time on campus to focus on giving back as soon as possible.

### What's one thing you think would surprise alumni from 10 or 20 years ago about what it's like to be an OSU student today?

The first thing that comes to mind is the lack of parking! On a serious note, Oregon State in the past 10 years has almost doubled in size and the resources and ways for us to connect to each other — such as new buildings and Ecampus classes — are tremendous.

## Is there anything else you'd like to say to a potential readership of 210,000 Beaver alumni and friends?

Thank you to all of you for paving a pathway for us because without you we wouldn't have all the improvements, investments and amazing things around us. Don't forget your alma mater! You can always connect with a student, visit a professor or attend a sporting event. There is so much out there on our campus; don't forget to come back and replenish your Beaver pride!

Student Alumni Ambassadors (SAA) is associated with the OSU Alumni Association and is dedicated to enhancing the connection among students past, present and future. SAA members coordinate a variety of events and initiatives that integrate students and alumni across Beaver Nation. For more info, visit osualum.com/saainterest.

## **UPCOMING EVENTS**

#### **SEPTEMBER**

- 1 OSU VS. OHIO STATE TAILGATER COLUMBUS
- 8 OSU VS. SOUTHERN UTAH TAILGATER CORVALLIS
- 12 NIGHT AT THE MUSEUM

**ONTARIO** | Reception, panel discussion and viewing of OPB's Oregon Experience documentary, "Oregon State University"

13 ALUMNI AND FRIENDS DINNER AT THE PENDLETON ROUND-UP PENDLETON

- 15 OSU VS. UNIVERSITY OF NEVADA, RENO TAILGATER
  RENO
- **20 CAREER SERIES WEBINAR**

Informational interviews: Access 80 percent of jobs that are never posted

- 22 OSU VS. ARIZONA TAILGATER CORVALLIS
- 23 NIKE EMPLOYEE STORE SHOPPING NIGHT PORTLAND | For OSUAA members only
- 29 OSU VS. ARIZONA STATE TAILGATER
  TEMPE

#### OCTOBER

4 CAREER SERIES WEBINAR

Six ways to boost your personal brand to get a promotion

- 6 OSU VS. WASHINGTON STATE TAILGATER CORVALLIS
- 15 20 HOMECOMING WEEK

**CORVALLIS** | Events across campus, football, Fosbury statue dedication, OSU Athletics Hall of Fame and more

18 FALL AWARDS

**CORVALLIS** | Celebrating the accomplishments of outstanding members of Beaver Nation

20 OSU VS. CALIFORNIA TAILGATER

**CORVALLIS** | Homecoming game

27 OSU VS. COLORADO TAILGATER
BOULDER

#### **NOVEMBER**

- 3 OSU VS. USC TAILGATER CORVALLIS
- 8 CAREER NETWORK NIGHT PORTLAND
- 10 OSU VS. STANFORD TAILGATER STANFORD
- 15 CAREER SERIES WEBINAR
  Ten tips to negotiate like a pro
- 17 OSU VS. WASHINGTON TAILGATER SEATTLE
- 23 OSU VS. OREGON TAILGATER CORVALLIS
- 23 CIVIL WAR GAME WATCH PARTIES

**NATIONWIDE** | Gather with other Beavers for the big game at sites across the country. Volunteer coordinators needed.

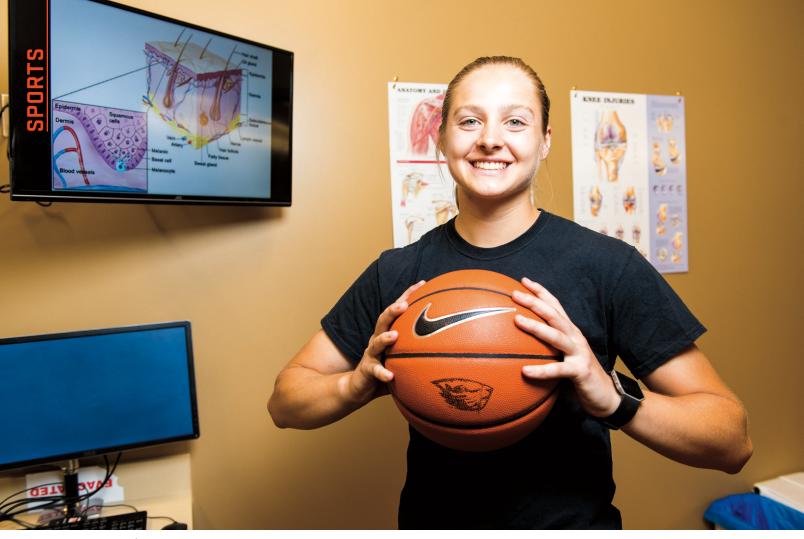


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## The Pivec way

#### Smartly use every minute, says a woman who does it on court and off

By Kip Carlson | Photo by Karl Maasdam When it comes to studying, there's no

amount of time that's too little time.

That approach has made Mikayla Pivec as successful off the basketball court as on it.

Pivec was a key to Oregon State's run to women's basketball's Elite Eight — with historic back-to-back wins at Tennessee and over Baylor — last season as a sophomore, being named All-Pac-12 honorable mention.

She topped that in the classroom, earning first team Academic All-District 8 and Pac-12 All-Academic honors. Majoring in biohealth sciences, she pulled a 3.98 grade point average by making every moment count.

"I think it's just trying to get the work done as soon as possible, as efficiently as possible," said Pivec, a guard from Lynnwood, Washington. "When you have open pockets of time, like in between classes, instead of going on your phone or watching something, you have time to study. If you have an open 30 minutes of time, just buckle down and get as much studying done as you can."

It's a habit she started at Lynnwood High, where she also competed in cross country and track and field.

It's important to start "those habits of after practice, after you get home from school, sit down for an hour or two hours and go through your homework, then go on to the other stuff you want to do," Pivec said. "But try to get that stuff done first, then go on to what you want to do after."

With an emphasis in pre-medicine, Pivec is considering a career as a dermatologist. That stems from her youth, when she was treated for eczema and another skin condition.

"I was self-conscious about those things," she said. "My dermatologist, I just remember her being very kind, very patient, and she helped me with those conditions and helped relieve me of those afflictions. And that was my first inspiration to want to go into the medical field."

Plus, one of her grandfathers, Frank Paudler, was an orthopedic surgeon and provided her with another view of the healing arts.

"I just like being able to help people heal injuries," Pivec said. "I know oftentimes we take our health for granted until something bad happens, and when you're not feeling 100 percent healthy all you want is your health back. My goal is to help people heal and be able to get back to what they love to do, whatever that may be."

An avid science and mathematics student in middle school and high school, Pivec joined an Oregon State women's basketball program that has had a number of players succeed both on the court and in challenging majors. Two examples: Alyssa Martin studied civil engineering while playing on head coach Scott Rueck's first several teams, and more recently Ruth Hamblin majored in mechanical engineering and was a member of the OSU rocketry team.

Pivec isn't alone at OSU in terms of athletes finding academic success; dozens of Beavers from across all sports earned Pac-12 All-Academic accolades or Academic All-District 8 honors. Pivec said OSU devotes many resources to helping Beaver student-athletes succeed in class as well as in their sports. She noted that her coaching staff works with academic counselor Paul Yager to keep players on track, finding ways to schedule courses that fulfill both their academic and athletic commitments.

Finding time to study and practice got even more complicated for Pivec her freshman year, after basketball season had ended. It happened not long after she watched one of her sister Malia's high school track and field meets.

"I was like, 'I miss this,'" said Pivec, a javelin state champion in Washington as a senior.

She approached Rueck about whether she could investigate joining the OSU track and field team, telling him it would help her explosiveness and strength. When she assured him basketball would remain her number one priority and she'd work track and field around that, Rueck gave her the green light.

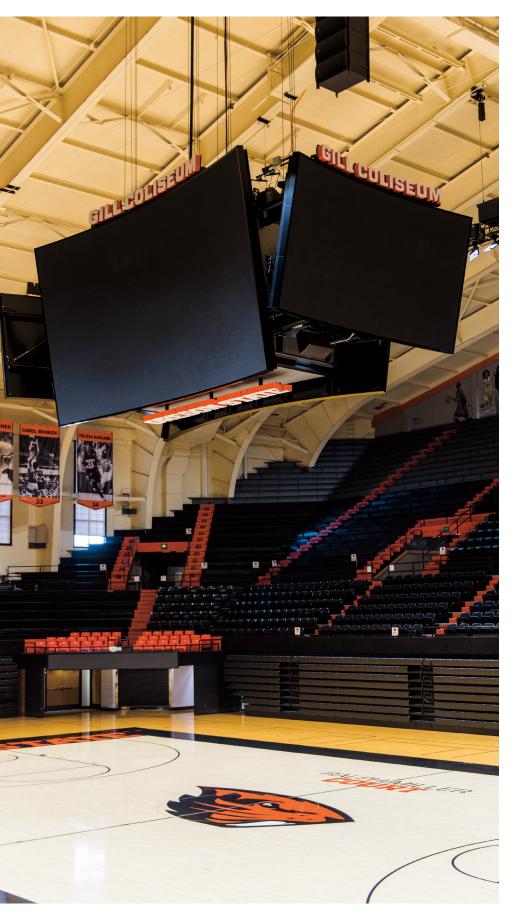
"It ended up working out and the javelin coaches and track coaches were very flexible with my schedule," Pivec said. "If I had an open gym or strength training for basketball in spring term, they'd say, 'Hey, it's okay, we'll practice you in the morning or we'll practice when we can."

Pivec eventually threw in the Pac-12 Championships, finishing 15th.

"It worked out really well and I'm glad I did that," Pivec said. "It was a big-time commitment and that's why I chose not to do it this (past) year, because I really want to focus on basketball and see what we can do next year as a team.

"We were so close this year to making it to the Final Four that I want to do everything I can to help put us in position to be as successful as possible next season." 🗩

## Gill gets new video boards, fancy new lights



When Oregon State fans trek to Gill Coliseum in the coming months for the venerable venue's 70th year of hosting Beaver athletic events, there will be some new sights. Over the summer, the arena was fitted with center-hung video boards and a new lighting system.

"It's a great addition," OSU men's basketball head coach Wayne Tinkle said. "We're really excited about how this might change the atmosphere."

The building, which opened in the winter of 1949-50, is home to Beaver basketball, wrestling, gymnastics and volleyball.

The new four-sided videoboard looming above Ralph Miller Court features high-definition screens: a pair of 14.5-foot-high by 26-foot-wide screens facing the sidelines and a pair of 9.5-foot-high by 16.5-foot-wide screens facing the baselines. Those screens can display replays and graphics along with standard scoreboard information.

"It adds to the experience of the players and the fans alike with the graphics, the information and the updated stats right there. What marketing is going to be able to do with some video stuff is really going to boost the excitement in there," Tinkle said.

The new lighting is an LED system that will spotlight the court. Unlike the old system that needed to warm up to reach full illumination, the LED system can be switched on to full brightness immediately. That makes it possible to turn off the lights for lineup introductions or other brief periods, then turn them back on to quickly resume action.

Almost entirely funded by donors, the recent additions and the past few years' renovations of locker rooms, the sound system and floor-level seating can pay off down the road when Tinkle, his staff and coaches in women's basketball, volleyball and wrestling hit the recruiting trail. Tinkle has seen the effect already.

"They see the support that we've been getting, and it gets them excited," he said. "Kids these days, they're into the 'wow' factor and we're trying to make sure we get on par with the rest of the teams in the league."

## Beach Luck Happens







When you visit Chinook Winds, it's more than just a day at the beach, because the fun and games don't stop at the surf line.



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## Bumper crop for OSU Sports Hall of Fame



With Oregon State's third baseball national championship a recent memory, the Beavers' first two title teams will be among the 2018 inductees into the OSU Sports Hall of Fame this fall.

The baseball teams of 2006 and 2007 will be joined by the women's volleyball teams of 1969-70 and 1970-71, coach and athletic administrator Sylvia Moore, women's basketball player Felicia Ragland and football player Earnel Durdan. The group will be inducted on Oct. 19 and honored at the football game against California on Oct. 20.

Scott Spiegelberg, director of Varsity OSU and alumni engagement, expects a big crowd for the induction, which will be held for the first time in the Truax Indoor Center. A social hour will start at 6 p.m., with dinner and the ceremony to follow at 7. Tickets are \$100 and available at **osufoundation.org/2018HOF**. Spiegelberg added that he expects OSU's gold medal high jumper, Dick Fosbury '72, to attend, after a sculpture honoring him is unveiled that same day. (See story, page 24.)

The 2006 and 2007 baseball teams coached by Pat Casey were the first from the northern part of the United States to win the NCAA Division I title in 40 years. The 2006 Beavers were the first club to win six elimination games in a single CWS. Pitcher Jonah Nickerson was the CWS Most Outstanding Player and outfielder Cole Gillespie was the Pac-10 Player of the Year; both earned All-America honors, as did pitchers Dallas Buck and Kevin Gunderson while OSU went 50-16.

The 2007 squad squeaked into the national tournament field, then went unbeaten in the CWS to finish 49-18. Pitcher Jorge Reyes was CWS Most Outstanding Player and catcher Mitch Canham was named All-American.

The 1969-70 and 1970-71 women's volleyball teams, coached by Sally Hunter, were OSU's first in the national tournament.

The 1970 team reached the first Association of Intercollegiate Athletics for Women (AIAW) tournament by going 21-0 in the regular season, then beat California and Mississippi State to reach the final 16. In 1971, the Beavers went 17-5 in the regular season but rolled into the AIAW final eight, going 5-1.

Moore was involved in OSU athletics from 1966-86, serving as an instructor, coach and administrator; she earned a national reputation as a groundbreaking female athletics administrator. She coached women's basketball in 1966-67 and was women's gymnastics coach from 1966-75. With the 1972 advent of Title IX, Moore also became Director of Women's Intercollegiate Athletics; she was deputy athletic director from 1982-85 and served as OSU's interim athletic director in 1985-86. Her awards include the 1990 campus-wide Beaver Champion Award.

Ragland was the 2001 Pac-10 Player of the Year; the guard from Tulare, California played from 1999-2002. She was a two-time Kodak All-America honorable mention selection, finishing with 1,803 points, 739 rebounds and 264 assists. Ragland was the first Beaver to be selected in the WNBA draft, being taken by the Seattle Storm in the second round.

Durden was among the first black student-athletes at Oregon State, playing from 1956-58. The wingback from Los Angeles helped the Beavers to Pacific Coast Conference titles in 1956 and 1957 and a spot in the 1957 Rose Bowl. Durden was later one of the first black coaches in the NFL.

## Curtis Tigard, oldest alumnus, passes at 109

Curtis Tigard, Oregon State's oldest living graduate, who was born in 1909, died July 25, leaving behind countless admirers in Beaver Nation and beyond.

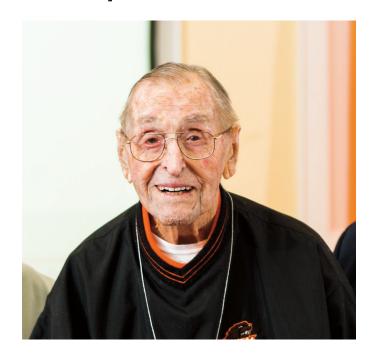
A grandson of the namesake of the Portland-area city of Tigard, he enrolled at what was then Oregon Agricultural College in 1926 — when tuition was \$12 a term — and earned a bachelor's degree in banking and finance in 1930.

He was a veteran of World War II. Other than his time on campus and the years between 1936 and 1948 when he served in the Army, he lived his whole life in Tigard. He retired as a bank branch manager in 1971.

Although failing health had slowed him down, until recently he was still driving himself around in his red Oldsmobile with a vanity plate reading, what else, "TIGARD." He remained active in retirement, was an avid golfer and even acted as the official mole-catcher for the Tualatin Country Club. He was credited with reaching the summit of Mt. Hood 35 times.

"People ask me what I attribute my long life to," he said in an interview in 2009 as his 100th birthday approached. "My mom was nearly 105 when she died. I exercise, eat sensibly, drink sensibly and take life easy."

Tigard was on campus as recently as June 8 for the annual Golden Jubilee reunion in the CH2M HILL Alumni Center, where he was treated as royalty, sharing a table with president Ed Ray



and happily greeting members of the Class of 1968, who were receiving medals to celebrate their 50th reunion.

He was 59 years old when they graduated.

"What a wonderful man," Ray said upon learning of his death.



#### **NEW LIFE MEMBERS**

The OSU Alumni Association welcomes alumni and friends who have become life members since the list was last published in the spring *Stater*. Thank you for showing your support with a lifetime commitment to Oregon State. Learn more at osualum.com/membership.

Sheryl I. Anderson '68 William Lee Anderson '81 Jack Baines, Jr. '63 Caelan James Ball '18 Mary Alice Barron '71 Ethan Paul Barton '18 Linda Holman Baumann '61 James Roy Bier, Jr. '92 **Dakota West Billington** Douglass John Borngasser '91 Ann C. Boyd Stanley T. Boyd '76 John Brady '65 Nancy Brugato Tom Brugato '86 Bettylo D. Bruner '75 Jeff M. Burton '14 Chiao-Yun Chang '99 Aaron Lee Patrick Chaput '18 Janet Gail Chaykin '81 Dr. Yu-Liang Chen '99 Heidi Mae Church '94 Tony Church '95 Andrew J. Cihonski '11 Patricia Mae Clarke-Kempf **'**64 Jennifer Conrad '13 Michelle Colombo John A. Cushing '84 Jessica Anne Davidson '18 Ann Marie Decker '18 Christopher Allen Deford '05 Keri Denese Deford '05 Michael Eugene Degliantoni '05 Sarah Degliantoni Justin Dever '06 Eraina Gingerich Duffy '83 Gary Howard Duffy '83 Nathan Scott Edwards '17 Jodi Enloe lames David Faraoni, Jr. '95 Dean Edward Fassnidge '76

JoAnn L. Fassnidge Michael J. Fitch '76 Tamalyn Rose Fitch '76 Brendan T. Flynn '14 Carla M. Friedt Stephen Friedt Mary Garrett Stephen M. Garrett '77 Joan Madsen Gay '76 Thomas Gay '74 Mark Fermin Geniza '17 Kade Benjamin Gerlach '18 Henrietta J. Greatrex Sean Gulewich '99 Jessica Lee Haavisto '04 Ronald Scott Hagen '77 Hanna Ellen Hagler '18 Kristoffer Charles Haines '99 Ashley Michelle Haller '18 Kara Macy Hansen '13 Jaime Lee Hardy '10 Denise Harrison James Max Hill '18 Robert J. Hudlow '84 Michael D. Humphreys '72 Leon A. Johnson '71 Melissa Talley Jones '90 Michael Jones Lynn Anne Cialdella Kam '11 Mitchell Kam Jane Kamvar '76 Maria Estell Kelly '13 Bobbye Jane Koeper-Nicholson Bryan Krawczyk '13 Megan Krawczyk Judy Kuschel '79 Mercedes Alice Langford '99 John Anthony Lippert '13 Katherine Lovinger '08 James Charles Luginbill '80 Brian Michael Malgarini '96 Colin James Marshall '16

Alan S. Maul '69 Diana Lee Maul '71 Bianca Renae McKenzie '11 Evelyn A. Migaki '76 Gerald M. Migaki '75 Gerald D. Miller '76 Jake Allan Mock '08 Dean Loren Moore '86 Scott A. Muller '85 Sheila Gail Muller '87 Janet Christine Napack '77 Steven D. Napack '80 Andrea N. Neistadt '95 Corey Malcom Neistadt '93 J. Steve Nelson '70 Tina Nelson '70 Blair Nicholson Anthony R. Olsen '73 Conor Kovach Padden '18 Janet Friedhoff Pailthorp '72 Billy James Parrott '60 Karen Gay Paulson '70 Ronald G. Paulson '72 Jeruebe Deboy Phillips '18 David Joseph Plechaty '18 Katherine L. Powell Dr. Timothy J. Powell '73 Gordon Rabacal Rita L. Raines R. Eric Rathmann '72 Jed Roberts '07 Carol R. Roush Gary Roush '74 Alice Runk James Roger Ryan '79 Angel Saizon '95 Mark K. Saizon Ann Schmidt '76 Madison Jane Scott '18 Pendleton Elizabeth Serrurier Peter L. Serrurier '81 Angela M. Shearer '79 Jeffrey William Shearer '77

W. Arden Sheets '67 Corrine Y. Shigeta '18 Dona Sieg '77 Jenny Smrekar '99 Alexis Rae Snyder '15 Tyler Alan Snyder '18 Carl Walter Soder '18 Dr. Merle R. Sogge '71 Donald E. Staehely '72 Edwin D. Stevens '69 Grace Stone '06 Deirdre L. Swarts '95 Keith M. Taylor '78 Vickie J. Taylor Jose Luis Terrazas '16 Juan Terrazas Allen C. Todd '71 Vance Wayne Tong '90 Barbara M. Trohimovich '72 Marjorie Ellis Turner '74 Kenneth B. Ulbricht '79 Lynn S. Ulbricht Callie R. Unrein Michael I. Unrein '86 Steven Lisle Walker '92 Tamara Lewis Walker '92 Eric Daniel Walsh '18 John C. Watkinson '65 Bunny Lee Webb '83 Claire M. Wheeler '18 Eric R. Williams '82 Mark J. Winstanley '77 Ian Stewart Winter '12 Susan Jane Wolff '89 John E. Wood '81 Ryan Michael Wood '18 Donna K. Wright Stephen D. Wright '74 Donald L. Yates '69 Jo Anne Werth Yates '69 Lorna Scott Zeigler '95 Aaron Michael Zielinski '18 Michael Jeffrey Zimel '08

#### RECOGNITIONS



Vince Kimura '01, Honolulu, has been recognized for the work of Smart Yields, the global agriculture technology company he founded to provide solutions for small and mid-sized farms. Smart Yields was recently chosen among a select few companies to present at the Laudato Si Challenge in Rome and participate in the 2018 Forbes Impact Summit, and this past year was honored as Hawaii's Most Innovative Company by the Small Business Administration.

Kirk Maag '05, Portland, was selected as a Portland Business Journal "Forty Under 40" award recipient for 2018. Maag leads Stoel Rives' firm-wide Food & Agribusiness team, which consists of some 50 attorneys and paralegals in nine offices. Maag grew up on a family farm in eastern Oregon and serves as both president elect of Oregon Future Farmers of America Foundation and board secretary for the Cultivating Change Foundation, an organization whose mission is to value and elevate LGBT individuals in the agricultural industry. Maag also sits on the board of the Oregon Water Resources Congress and the executive committee for the Oregon State Bar's Environment and Natural Resources Section.

Sarmad "Sam" Albert Rihani '77, Ellicott City, Maryland, was honored by American Society of Civil Engineers and the Structural Engineering Institute with the W. Gene Corley Award for his work in advancing and distinguishing structural engineering as a profession, including licensure for structural engineers. He has retired from a 36-year career in the field.

Karen Spears Zacharias '79, Redmond, has been named recipient of the 2018 Appalachian Heritage Writer's Award. She will serve as Appalachian Heritage Writer-in-Residence at Shepherd University in Shepherdstown, West Virginia, and appear at the Appalachian Heritage Festival. In conjunction with the award, the West Virginia Library Commission and the West Virginia Center for the Book chose Zacharias' novel, Mother of Rain, for the 2017–2018 One Book, One West Virginia program, an annual statewide book read and discussion group. "During a time when Appalachia and its people have been marginalized and politicized," Zacharias said, "it is the responsibility of writers to write against type, to challenge the reader's misconceptions of what is means to be Appalachian. It is my hope and prayer that Mother of Rain reflects in some measure the beauty and sacredness of the people and lands that is Appalachia."

#### **PUBLISHED**

Dick Shelhorn '66, Cordova, Alaska, has published Balls and Stripes, a collection of stories about Alaska's most popular sport, basketball — and more. The title comes from his many experiences playing, coaching and broadcasting Naismith's game.

Jim LaRue '68, Seneca, South Carolina, has published The ABCs of My Life, with quotes and excerpts from noted speakers, writers and award-winning authors on the subjects of goals, success and personal development, interspersed with the author's personal recollections.

Joe Markgraf '10, Issaquah, Washington, has published SAP System Security, with co-author Alessandro Banzer. It provides tips and instructions for maintaining security in certain types of networked systems.

Megan Westfield '03, San Diego, California, has published her second novel, Leaving Everest, about a woman whose plan to summit Everest becomes entangled in a relationship with an old friend.

Ed Sobey '74 '77, Redmond, Washington, has published The Field Guide for Ocean Voyaging: Animals, Ships, and Weather at Sea, which teaches readers how to be better observers while out on the oceans of the world by giving them tips for the best observation points on ships and what to watch for.

#### **CHANGES**



Jessica Seipp '01, Baltimore, Maryland, has been promoted to associate by Dewberry, a Virginia-based firm providing professional services to a wide variety of public- and private-sector clients. Seipp works for the firm's water resources group and specializes in national pollutant discharge elimination system permit compliance, total maximum daily load program implementation, watershed assessments, green infrastructure assessments, wetland delineations and geographic information systems.

#### **PASSINGS • ALUMNI**

Curtis C. Tigard '30, Tigard Theta Chi Florence Rosholt Jowdy '42, San Antonio, TX

Russell D. Barney '43, McMinnville Frederick E. Boyer '43, Nehalem John "Jack" C. Briggs '43, Santa Rosa, CA Phi Gamma Delta

Gladys I. Hart '43, Eugene Marjorie Utterback Heringer '43, Clarksburg, CA Alpha Gamma Delta Virginia Kelleher Kahn '43, Van Nuys,

Jack C. Riley '43 '50 '62, Portland Pi Kappa Phi

Blanche Detlefsen Baker '45, Springfield Chi Omega

Marie Ferraris Boyden '45, Prineville Delta Zeta

Gracen L. Bush '45, Philomath Robert "Bob" P. Crabill '45, Tacoma, WA Alpha Tau Omega

Joan Barker Engberg '45, Orinda, CA Louise Groshong Hancock '45, Greeley, CO Kappa Kappa Gamma

Gordon H. Hofstetter '45, Keizer Delta

Marjorie Crawford Martin '45, Santa Maria, CA Alpha Chi Omega Maxine Churchman Shaw '45,

Algonquin, IL Alpha Gamma Delta Ruth Slorah Stewart '45, Medford Alpha Delta Pi

H. E. Wilson '45, Glendale, CA Sigma Alpha Epsilon

Carol Young Lauritzen '46, Castro Valley, CA Gamma Phi Beta

Betty Brown Lichtenthaler '46, Newberg Delta Delta Delta

Alice Howard Mitchell '46, Lake Forest, CA Sigma Kappa

Helen Proebstel Swanson '46, Athena Pi Beta Phi

June Cyrus Bashkin '47, Washington, DC Dorothy Brown Dyer '47, Yakima, WA Edna Rytting Hansen '47, American Falls, ID Alpha Delta Pi

Homer B. Lackey '47 '48, Blaine, WA James M. Nisbet '47, Portland Kappa

Katrina Gamwell Mulvey Cowan '48, Seaview, WA

Madeline Erikson Huget '48, San Rafael, CA Alpha Chi Omega

Sidney Harris Loosley '48, Roseburg

Kappa Delta

Margaret Feike Mullen '48, Cedaredge,

Louis "Lou" G. Piha '48, Lebanon William H. Russell '48, Albuquerque, NM Phi Sigma Kappa

Darrell H. Schroeder '48, Hillsboro Alpha Tau Omega

Morris Silver '48, Albuquerque, NM Margaret Sarazin Tensen '48, Boise, ID Gamma Phi Beta

Gilbert "Merle" M. Witcraft '48 '50, Orangevale, CA

Kathleen Lorang Conroy '49, Portland Alpha Delta Pi

Emilie M. France '49. Salem Thomas A. Gardner '49, Neenah, WI Frank H. Havercroft '49, Medina, WA Ellen Olson Hitsman '49, Kent, WA Hermann "Herm" C. Sommer '49, University Place, WA

Stephen R. Andrus '50, Vashon, WA Robert L. Balmer '50, Portland Lelus "L." J. Baucum '50, Canyon City Paul C. Berger '50 '51, Vancouver, WA Alpha Gamma Rho

Lyle O. Bowman '50, San Rafael, CA Nancy Lovett Boyle '50, Portland Kappa Alpha Theta

Webster E. Briggs '50, Canyonville Acacia

Mary Hulbert Cowgill '50, Albany Donald F. Ditz '50, Elma, WA Sigma Alpha Epsilon

Allan W. Gray '50, Silverton Sigma Alpha

**Theodore E. Gump** '50 '80, Corvallis Robert T. Gunsolus '50, Damascus **Doris Belknap Harem** '50, Corvallis Roy C. Hathaway '50, Corvallis Lafe "L." G. Hilgers '50, Richland, WA Robert D. Kennedy '50, Bremerton, WA James E. Ketter '50, Lebanon **Stephen Kronenberg** '50 '56, Eugene Robert F. Kyle Jr. '50, Medford Delta Upsilon

James D. Landess '50, Half Moon Bay, CA

Albert F. Laurie Jr. '50, Vancouver, WA James R. Mason '50, San Pedro, CA Thomas "Tom" H. McAllister Jr. '50, Portland Phi Sigma Kappa John "Jack" P. Meece '50, Canby Delta

Tau Delta

**Elvan M. Pitney** '50, Sherwood *Sigma* Phi Epsilon

Mildred Betschart Romans '50, Aloha William M. Sawyer Jr. '50, Forest Grove George A. Schoppert '50, Stayton Robert C. Stewart '50, Tacoma, WA Theta Xi

**Leland R. Twigg** '50, Hillsboro *Delta* Sigma Phi

Jean Masten Ward '50, Salt Lake City, UT Sigma Kappa

Thomas W. Youngblood '50, Creswell Richard D. Abraham '51. Milwaukie Richard V. Bassien '51, Salem **Billingsley Beatie** '51, Beaverton *Delta* Upsilon

Conrad A. Bergstrom '51, Olympia, WA Phi Sigma Kappa

Robert L. Blackwell '51, Anchorage, AK Sally Reymers Cowan '51, Paso Robles, CA Kappa Kappa Gamma

John R. Gentry '51, Moraga, CA Delta

Richard William Gilkey '51, Portland Janet Gebhardt Harpole '51, Albany Alpha Omicron Pi

Donald "Don" H. Heacock Sr. '51, Topeka, KS Alpha Sigma Phi

Kenneth R. Karcher '51, Boise, ID Sherman S. Merrill '51, Morrison, CO Kappa Delta Rho

**Jackson W. Ross** '51, Corvallis Willie Taylor '51, Central City, AR **Lorna Elligsen Wortman** '51, Havre de Grace, MD

Philbrook B. Dietz '52. Knoxville. TN Laurence H. Dunklee '52, Burbank, CA Patricia Sloan Fry '52, Corvallis Darrell "Chuck" W. Halligan '52, Bend Sarah Backstrand McCabe '52, Salem Joann Marvin Metcalf '52, Lake Oswego Alpha Chi Omega

Glenn E. Patton '52, Saratoga, CA Phi Sigma Kappa

Paul "Alton" A. Anderson '53, Silverton Audrey Wallace Avanzino '53, Sunnyvale, CA Sigma Kappa

William M. Bryan '53, Portland Edward L. Corkwell '53, Seneca, SC Martin "Bill" W. Dolan Jr. '53, Saint Paul

**Alex Goedhard** '53, Centralia, WA *Kappa* Sigma

Jack S. Hollen '53, Mountain View, CA

#### PASSINGS • ALUMNI

Charley D. Laurie '53, West Linn Gayle Juve Nelson '53, Salem Sigma Kappa

Elsie Loennig Newman '53, Haines Alpha Xi Delta

Samuel A. Richards '53, Anchorage, AK James A. Shelton '53, Turner Phi Sigma Kappa

Lawrence "Larry" A. Spellman Sr. '53, Medford, NJ Lambda Chi Alpha

Rex A. Vollstedt Jr. '53, Eugene Kappa Sigma

Wilbur M. Bolton Jr. '54, Los Alamitos, CA Delta Sigma Phi

Virginia Hansen '54, La Center, WA Richard "R." F. Harrington '54, Pittsboro, NC *Phi Kappa Theta* 

Myron D. Headley '54, The Dalles Delta Tau Delta

Marilyn Anderson Jennings '54, Moses Lake, WA Delta Zeta

Beverley Tykeson Knox '54, Salem Virginia Milligan Lindberg '54, Pendleton Kappa Kappa Gamma Edward J. Mazolewski '54, Reno, NV Delta Upsilon

Allan J. Olson '54, Fullerton, CA Sigma Alpha Epsilon

Kathryn Aysta Tuft '54, Belmont, CA Gamma Phi Beta

Ann Molek Wilson '54, McMinnville Richard C. Davis '55, Ann Arbor, MI Sigma Alpha Epsilon

Martin E. Northcraft '55, Corvallis Mary McKenzie Remlinger '55, Lake Oswego Gamma Phi Beta

Tom J. Anderson '56, Los Angeles, CA Melcena Kittrell Brixey '56, Morro Bay, CA

Richard L. Carpenter '56, Bend Sigma Chi

Lois Roper Izett '56, Eugene Alpha Gamma Delta

Barbara Custer Lund '56, Lincoln, CA Kappa Alpha Theta

William H. MacFarlane '56 '65, Oregon City Alpha Gamma Rho

Mary McColgin O'Brien '56, Renton,

Julian M. Pike '56 '58, Denver, CO **Heinz G. Buschfort** '57, Canyon Lake, TX Mathew D. Del Fatti '57, Keno Sigma Phi **Epsilon** 

Jack D. Dennon '57, Seaside Frank Neuman '57, Columbia, CA Robert J. Bartruff Sr. '58, Melbourne, FL Pi Kappa Alpha

Ronald W. Braniff '58, Rancho Mirage, CA Lambda Chi Alpha

Jerry R. Brenden '58, Kilauea, HI Sigma

Philip E. Chitwood '58, Union, WA Beta

James L. Corwin '58, Salem Robert L. Demory '58 '61, Vancouver, WA

Darrel D. Harold '58, Sparks, NV David L. Lantz '58, Salem Phi Kappa Tau Royce D. Morey '58, Bremerton, WA Steve R. Rasmussen '58, Corvallis Shirley Dow Stekel '58 '61, Fort Atkinson, WI

**John J. Warner** '58 Alpha Sigma Phi Edward "Bud" A. Ball '59, Salem **Arnold G. Berlage** '59, Corvallis David A. Black '59, Etna, CA David A. Curtis '59, Saint Helens John R. Halley '59, Eugene

Jennylee Sandberg Nesbitt '59, Eureka, CA Alpha Omicron Pi

James E. Newman '59, Haines Gordon Pynn '59, Victoria, BC, Canada Juanita Brabham Syron '59, Gresham Delta Zeta

Robert E. Willie '59, Hemet, CA Tau Kappa Epsilon

Richard "Dick" W. Bevens '60, Newport Delta Upsilon

Arthur "Neal" N. Kinion '60, Corvallis Allen P. Leggett '60, Emeryville, CA

Ron R. Olson '60, Redmond Sigma Alpha **Epsilon** 

James E. Schoof '60, Topeka, KS Thomas "Tom" J. Shuell '60, Niagara Falls, NY Phi Sigma Kappa

Louis "Lou" J. Snyder '60, Houston, TX James "Jim" H. French '61, Corvallis Delta Chi

Arthur D. Liberman '61, Vancouver, WA Joan Lewis Osko '61, Beaverton Pi Beta

Peter "Pete" M. deLaubenfels '62 '64, Corvallis

Richard W. Hemingway '62, Alexandria, LA Sigma Alpha Epsilon

Carl W. Jackson '62, McMinnville Delta

Martin D. Knittel '62, Albany Carl A. Linde '62, Des Moines, WA Robert J. Lovretich '62, Niceville, FL Robert A. Mills '62, Ocean Park, WA Joel J. Pynch '62, Shedd William W. Schaefer '62, Delhi, CA Brian S. Yano '62, Kaneohe, HI Gary E. Barzee '63, Pleasanton, CA Alpha Tau Omega

David M. Finrow '63, Chehalis, WA Wesley E. Harrison '63, Cupertino, CA Phi Kappa Sigma

Paul E. Jarvis '63, Redwood City, CA Phi Карра Таи

Joan Morgan Joy '63, Beaverton **Evelyn Hartzler Kenagy** '63, Albany Keith Lyon '63, Arnold, MD Kenneth J. Neuburger '63, Woodburn Clifford W. Page '63, Albany Julie Jirel Reed '63 '74, Corvallis Kappa Delta

Chester P. Sater '63, La Grande Donna Baker Swan '63, Lake Oswego Alpha Chi Omega

Thomas E. Tos '63, Walnut Creek, CA **Ludie A. Britsch** '64, Oceanside, CA Sigma Chi

Gary L. Cox '64, Rockaway Beach **Dennis R. Harris** '64, Hood River Susan E. Herron '64, Tualatin James "Jim" W. Kelley '64, Seattle, WA Acacia

Steven Ou '64, San Ramon, CA Mary Beed Scheurman '64, Bellevue,

Dan R. Wilson '64, Grass Valley, CA Delta Chi

Patrick L. Wright '64, Tidewater Theta Chi

James T. Arakawa '65, Paauilo, HI Gerald J. Broadhurst Jr. '65, Leesburg, FL Alpha Kappa Lambda

Don D. McNeill '65, Vancouver, WA Alpha Sigma Phi

Samuel L. Shafer Jr. '65, Sparks, NV Ebenezer "Eb" R. Vedamuthu '65, Knoxville, TN

James "Jim" P. Wallace '65, Kent, WA James W. Booher Jr. '66, Hurricane, UT Sheldon C. Kirk '66, Weston Mary Speckhart Koza '66 '74, La Grande

#### PASSINGS • ALUMNI

Gamma Phi Beta

Beverly E. Lloyd '66, Sun Lakes, AZ Gary A. Parks '66 '68, Redmond *Chi Phi* Carole C. Paulsen '66, Mililani, HI Richard W. Reed '66, Columbus, IN Janet Schandel TerBest '66, Franktown, CO

**Mervin M. Vater** '66, Stockton, CA *Sigma Nu* 

**Manning G. Bomberger** '67, Endako, BC, Canada

**David M. Bowker** '67, Corvallis Sigma Phi Epsilon

**Edward "Ed" D. Hansen** '67, Mattawa, WA

Richard B. Hoffman '67, Hines Leonard E. Johansen '67 '74, Eugene Barbara Olson Kiser '67, The Dalles Gordon A. McFeters '67, Dallas Katherine Geist Zimmer '67, Portland Delta Delta Delta

**Daniel T. Applebaker** '68, Klamath Falls *Sigma Pi* 

William J. Bramwell '68, Vashon, WA Thomas R. Brantner '68, Salem *Alpha Kappa Lambda* 

**Gary S. Brink** '68, Milwaukie *Delta Tau Delta* 

Dean A. Converse '68, Milpitas, CA Michael J. Hosie '68 '75, Coos Bay David R. Hull '68, Salem *Theta Chi* Patricia George Krug '68, Portland Barbara Branch Murray '68, Tremonton, UT

Larry S. Nave '68, Carmichael, CA Barbara Johnston Ramsey '68, Clackamas

Kathleen Powell Van Slyke '68, Camarillo, CA

William W. Wilken '68, Roanoke, VA Stephen "Steve" E. Woods '68 '73, Turner Sigma Alpha Epsilon

**Douglas J. Axen** '69, Keizer **Donna D. Buck** '69, Carmichael, CA **Jenien Moore Ferguson** '69, Sweet

Home **Linda Craig Jackson** '69, Goldsboro, NC **Merle A. Keeney** '69, Rathdrum, ID *Phi Sigma Kappa* 

**Sue Fox Keys** '69, Florence *Delta Gamma* 

Kenneth P. Knothe '69, Ontario Kathryn Weeldreyer McIntire '69, Cottage Grove Stephen W. Mrowka '69, Cheshire, CT Stewart M. Nickell '69, Portage, MI Ivan G. Redman '69, Omak, WA Dwayne Tofell '69, Greenacres, WA James F. Hoffmeyer '70, Chelsea, MI William C. Huhta '70 '72, Portland *Tau* Kappa Epsilon

Dean S. Mason '70, Hermiston Christopher N. Mooers '70, Portland Mary L. Sanders '70, Cloverdale Thomas L. Tomlinson '70, Albany Richard J. Ulbricht '70 '74, Portland Stephen P. Ford '71, Laramie, WY Dwight E. Lippe '71, Scottsdale, AZ Stanley "Stan" D. Robson '71, Sisters Donald D. Simpson '71, Apple Valley, CA Harold M. Fisher '72 '78, Rimbey AB, Canada

Jerry L. Haberlach '72, Portland William "Bill" E. Montero Sr. '72, Vancouver, WA

**Charles H. Morrison** '72, Portland *Delta Siama Phi* 

Elmer R. Niska '72, Hillsboro Ronald "Dale" D. Pillsbury '72, Philomath

Dan A. Barker '73, Jacksonville Thomas "Tom" D. Currier '73, Greenville, SC *Pi Kappa Alpha* William G. Duncan '73, Central Point Mary McKee Eberhardt '73 '73, Olympia, WA

**Theodore "Ted" F. Freres** '73, Stayton **Guy L. Johnson** '73, Salem **David J. Messerle** '73, Coos Bay *Kappa Delta Rho* 

Roger G. Smith '73, Gresham
Jeffery C. Collier '74, Baker City
Frank A. Kidd '74, Yuma, AZ
Patricia Ekker Lumm '74, Lake Oswego
James L. Nichols '74, Pismo Beach, CA
Lawrence W. Ayers '75, Clackamas
Elena L. Brineman '75, Carlisle, PA
William D. Cram '75, Hermiston
Robert S. Benton '76, Hood River Phi
Gamma Delta

David G. Dallas '76, Pendleton Donna Wedlake Gilmont '76, Portland Mark J. Noakes '76, Albany Carol Betich Bennett '77, Portland David P. Purcell '77, Washougal, WA Lynn Dietz Soderberg '77, Bellevue, WA Alison Seifert Strickland '77, Burien, WA Kappa Kappa Gamma **Richard "Rick" N. Van Cleave** '77, Sherwood *Sigma Nu* 

Ronald R. Cornmesser '78, Ontario William E. Darnall '78 '78, Marietta, SC Fred P. Lapointe '78, Aledo, TX Ronald J. McNeese '78, Bend Michael T. Colliau '79, Pasadena, CA *Phi* Delta Theta

Ronald P. Heideman '79, Gresham Karen Falk Short '79, Halsey Kenneth G. Reddington '80, Corvallis George H. Ross '80, Bow, WA Kappa Sigma

William A. Harburg '81 '86, Corvallis Christopher W. Johnson '81, Eugene Charles O. Egwuatu '82, Hilo, HI James W. Nichols '82, East Wenatchee,

James O. Clark '83, Forest Grove Greg E. Robinson '83, Boulder, CO Sean M. Dooney '84, Portland *Phi Delta Theta* 

Gregory M. Ellis '84, Clackamas Christie Rich Theeler '84, Hillsboro David J. Grammel '85, Lake Oswego Ronald D. Hackett '85, Las Vegas, NV Robert "Bob" A. Purefoy '85, Walla Walla, WA

John F. Wilkinson '85, Eugene Loril D. Chandler '86 '91 '92, Albany Phyllis D. Berrum '88, Keizer Jay R. Gienger '88, Portland Heidi M. Hadlett '88 '90, Corvallis Julia Swadener Fudge '89, Eugene Patricia Campbell Matthews '91 '92, Salem

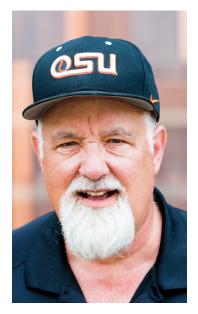
Melton L. Dennis '92, Corvallis Matthew A. Hanigan '92, Salem Robert L. Reed '93, Mount Solon, VA Faustin lyamuremye '94, Lincoln, NE Tary L. Carlson '95, Portland Krista L. Davis '96, Milwaukie Sigma Kappa

Elizabeth M. Malouf '96, Salem Jeffrey A. Upkes '97, Portland Victoria J. Barker '01, Eugene Daniel "Dan" A. Wittmer Jr. '05, Butte, MT

**David A. Gray** '06, Baker City *Alpha Gamma Rho* 

Grayson E. Druffel, Eugene Alixandra M. Elsen, Corvallis Chan S. Valentine, Juneau, AK Sarah D. Watson, Albany

#### Busy Corvallis alumnus and baker is a Beaver fan and 'the cookie man'



For "One of Us," we use a random-number generator to select one member of the OSU Alumni Association to be featured in a mini-profile and photograph.

Lu Ratzlaff '78 is a man whose community service takes many forms but is often round and delicious.

"For a number of different sports teams, I make cookies," explained Ratzlaff, who took an extra suitcase full of chocolate chip cookies to Omaha this summer for the College World Series. "They call me Cookie Man Lu. I've had players come over and make cookies with me, and President Ray has come over twice to make cookies. It has been a blast."

He estimates that he bakes around 5,000 cookies annually, giving them to student-athletes as they leave on road trips or return to campus.

The cookies began as a thank you and grew from there. Ratzlaff's connection with OSU athletics began as a student trainer for the football team. "I was a trainer all four years, taping ankles and helping out with minor injuries. At that time, there were three student trainers, now there are close to 80."

The cookies are not his only service commitment. Ratzlaff has been president of the Corvallis Rotary Club and has traveled to the Philippines to establish wells to provide clean water for schools.

Ratzlaff's family moved to Corvallis when he was 3; he has lived there ever since. He studied business at OSU, and applied the lessons he learned on campus to his father's family business. "My dad had a building materials yard in town. It has since been renamed, sold and moved," said Ratzlaff.

"I started working with my dad when I was 15, stayed on through college, and after."

Following graduation, Ratzlaff worked for the family business full-time, until its sale in 1994. In that time, he was involved with the development of a new store in Bend and helped introduce new-at-the-time technology to the business. He remembers taking his dad to look at a fax machines, his idea to speed up their communication with architects and clients.

After the sale of the business, Ratzlaff stayed on for a couple years to transition, then sold products for Schaefers' Recreation. He is retiring this summer.

"I'm just tired now, but soon I'll be re-tired," he joked. His hands tremble as he talks, a sign of his continued fight with Parkinson's disease. In retirement, he plans to continue baking cookies and to volunteer as an assistant for the Corvallis High School wood shop.

Ratzlaff and his wife, Dori, celebrated their 40th wedding anniversary this year. They have three kids, three grandkids and one more on the way. In his free time, he can often be found in his wood shop. He enjoys remodeling the family home, building furniture as gifts or pulling down a swing from the shop's rafters for the grandkids to use. 🔎

— Hannah O'Leary



#### **PASSINGS • FACULTY AND FRIENDS**

Ronald J. Brown, Corvallis Betty J. Cochran, Lebanon Marie A. Cross, Corvallis J. M. Crowley, Eugene Doris Doler, Redmond Ralph E. Duddles, Coos Bay Donald R. Field, Middleton, WI Gregg "Barney" G. Graff, Corvallis Don Herrmann, Stillwater, OK Ellen Jimmerson, Seattle, WA John P. King, Corvallis Edward "Ed" T. Knecht, Corvallis Edward D. McDowell, Corvallis Wilson E. Schmisseur, Corvallis Christine Sproul, Salem L. W. Swenson, Corvallis Georgine E. Thompson, Albany LaVerne D. Woods, Corvallis Elayne L. Barklow, Eagle, ID John Barnard, Dallas Gloria Bartels, West Linn **Butch Bogatin**, Philomath Edith E. Boone, Albany David W. Bradley, Salt Lake City, UT Robert Burton, Corvallis Sherlee Cave, Corvallis Maribeth Wilson Collins, Portland Joyce B. Derlacki, Corvallis Debbie A. Detar, Corvallis Marilyn L. Dilles, Corvallis Dexter H. Duehn, Tangent

Shirley Flande, Scio Barbara N. Freiberg, Salem Helen Gebhard, Medford Barbara Gidley, Monmouth Brian J. Griffiths, Happy Valley Sigma Alpha Epsilon Wilburn Hall, Newport Erol J. Hamernik, Stockton, CA Ronald M. Hartwig, Clackamas Richard W. Henton, Opelika, AL John D. Ingraham, Long Beach, CA William "Bill" G. Jaeger, Condon Anita Jarvis, Redwood City, CA Peter Jensen, Halsey Gordon Juve, Junction City Julyan Kasper, Corvallis John R. Keys Jr., Bend Donald B. Kruse, Roseburg Sara L. Kruse, Roseburg Ruth E. Leeper, Corvallis Wilmer "Bill" J. Lilja, Albany Thomas Maness, Corvallis Colin E. McLain, Salem Cheryl Meadows, Corvallis Lois E. Meessen, Albany Dorothy Miller, Corvallis Prudence M. Miller, Portland Kathleen Minger, Portland Dorothy Newman, Sublimity Joseph Omelchuck, Portland Leif Ostmo, Eagle Point

John E. Painter Jr., Portland Betty I. Parsons, Salem Robert A. Patterson, Noti Jerry Paul, Wilsonville Shirley Seagle Prothro, Memphis, TN Martin F. Provost, Salem Charles J. Rogers, El Macero, CA Philip B. Russell, Eugene William R. Sari, Longview, WA Marion Scheleen, Roseburg Palmer C. Sekora, Corvallis Rhonda N. Simpson, Corvallis Doris Powell Smith, Corvallis Frances G. Spigai, Portland Ruth L. Stanley, Gresham Edward L. Stratton, Philomath H. A. Studier, Corvallis Lois E. Sweany, Portland Katherine Todd, Independence Dorothy J. Turner, Keizer Joe VanGulik, Lake Oswego Robert L. Vogel, Talent E. R. Wedman, Saint Petersburg, FL Карра Карра Gamma Calvin L. Wilken, Corvallis Bruce R. Wirth, Klamath Falls Ioan C. Wood, Clarksville, TN

## OSU150 heads for strong finish

The university's celebration of its 150th birthday will wind down in October with an all-day futures symposium, "The Promise and the Peril of Artificial Intelligence and Robotics," from 10 a.m. to 7:30 p.m., Oct. 23 at the LaSells Stewart Center and the CH2M HILL Alumni Center.

Jacob Ward, science and technology correspondent for CNN and Al Jazeera, will give the keynote address. The event is free and open to all, but registration — available at OSU150-airobotics.org — is required.

Before then, from Oct. 1 through Oct. 17, the OSU community will celebrate its roots with the OSU150 Land Grant Festival, a broad celebration to consider the university's history of service and look at how the land grant mission has evolved through the decades. Get more information at **communications.oregonstate.edu/land**.

"And then," said Shelly Signs, executive director of OSU150, "for October 27 — our official 150th birthday — I'm working on something fun. Watch **OSU150.org** for more details when it's fully baked. (OK, there *will* be cake involved.)"

The OSU150 celebration began in summer 2017 with a focus on OSU's Sun Grant status during the Aug. 21 solar eclipse and has included a showcase exhibit on OSU history at the Oregon Historical Society Museum in Portland, which closes Sept. 9.



### History alumnus named boss on the USS Sampson



U.S. Navy Commander Jeremiah "Jerry" Jackson '99, who became a ship captain for the first time this summer when he was promoted to command the guided missile destroyer USS Sampson, credits Tom Cruise and his fellow movie pilots with convincing him that being in the Navy would be cool when he saw "Top Gun" at the age of 10.

"Obviously, I'm not a pilot," Jackson said. "But that's what got me interested." The 11-year-old Sampson may not be an F-14 Tomcat, but it is a much more powerful machine — quick for its size and heavily armed — with the ability to perform a wide array of peace- and wartime missions, working by itself or as part of a fleet.

An Arleigh Burke-class guided-missile destroyer home-ported in Everett, Washington, it's about 510 feet long, meaning it would barely fit diagonally across the MU Quad. With a top speed near 30 knots, or about 35 miles per hour, it carries a wide variety of missile launchers, cannons, machine guns and torpedo tubes, plus two Seahawk helicopters.

Jackson, pictured above on the bridge of the Sampson, grew up in Huntington Beach, California, and was drawn to OSU because it was far enough from home, it offered Navy ROTC and he had decided he was going to get a degree in either history or nuclear engineering, both of which were available at Oregon State. He ended up graduating with a BS in history.

"My initial plan was that I was going to do my four years in the Navy, get out and become a history teacher," he said. His SAT scores didn't earn him an ROTC scholarship right out of high school, but he studied hard enough to get straight A's and was on scholarship by his second term.

Jackson had previously been the Sampson's executive officer. He described being promoted to captain as "pretty awesome," in

no small part because he has a "phenomenal" crew of 300, plus about 50 more when the two helicopters are on board.

One of Jackson's more memorable missions occurred in November 2016, when he was executive officer and the Sampson was diverted to help with relief efforts after the New Zealand island of Kaikoura was devastated by an earthquake. His captain had to go ashore to coordinate relief efforts, meaning Jackson had his first experience of running the ship for longer periods. A video of Jackson showing a New Zealand public broadcasting crew around the ship is online at bit.ly/jacksonsampson.

Earlier, he served on the ground as a Navy liaison with Marines in Fallujah, Iraq. His most vivid memory of that time was of the overpowering heat; 120 degree was not unusual.

He has two young daughters who live with their mother in San Diego; he stays in touch with them by phone while at sea and sees them during the few months between the Sampson's deployments.

At work, Jackson's most intense focus is on keeping his crew trained at top speed and proficiency. When the ship is at sea, in addition to the combat equipment, it also has the infrastructure of a small town, with everything from the sewage system to law enforcement to the kitchen having to operate at peak efficiency. Also, because fire at sea is the greatest threat to any ship, everybody on board trains over and over on quickly handling firefighting and damage-control emergencies.

No matter what happens on board, Jackson said, "I'm ultimately accountable, whether or not I was directly involved or even whether I was awake or not. With awesome responsibility comes ultimate accountability."

— Kevin Miller; photo by Hannah O'Leary

#### ANSWERS (Questions on page 14)

- Culinology<sup>®</sup> is the combination of culinary arts and food science.
- 2. D. The Food Innovation Center supports the state's \$5 billion agriculture industry as it helps entrepreneurs more than 4,000 to date establish businesses and develop new products. This increases the value of Northwest ingredients, creates jobs and brings delicious new products to consumers.
- 3. F. Ruby Jewel, now distributing its ice cream sandwiches from coast to coast, won that first competition, but all of the listed products were launched with help from the FIC.
- 4. A. While Sarah Masoni minored in food science at Oregon State, she majored in art. As *The New York Times* states, "That has served her well" in her career as a food designer, helping companies like Portland-based ice cream chain Salt & Straw develop signature flavors like pear and blue cheese or strawberry with honey-balsamic vinegar and black pepper. "I look at food ingredients as colors," she told the *Times*. As a kid, Masoni's first experiment with food preparation was a cake made of water, flour and powdered sugar in an Easy-Bake Oven. Today, she loves hot dogs and french fries.
- 5. B. Artisan cheese is a growing industry in Oregon. To give aspiring cheese entrepreneurs an idea of what it would cost to get started, OSU researchers from the FIC and the College of Agricultural Sciences developed a tool that incorporates factors including types of milk (like goat, cow and sheep), cheese types, labor expenses, creamery location, marketing and even the fuel needed to transport products to farmers markets. The study found that a small operation producing 7,500 pounds of cheese annually would spend over \$250,000 to set up processing and aging operations.
- 6. F. all of the above and many more, created by over 60 food entrepreneurs. The next showcase event will take place in December: the annual Holiday Bazaar.
- 7. True. Finding out the shelf life of a food product is an important part of getting it ready for market. The FIC provides

- testing that determines expiration dates, best-by dates and sell-by dates for a variety of food products. In an accelerated shelf life study, the food product is conditioned and stored at elevated temperature and/or humidity, yielding results two to four times faster than the standard shelf life study.
- 8. The Food Safety Modernization Act of 2011 was the first major overhaul of federal food safety laws since 1930s. The FIC offers advanced trainings to help businesses comply with FSMA requirements as well as programs that provide basic training in food safety and good manufacturing practices.
- 9. A, C, E. In addition to plans for using dulse in beer, chips and a salt substitute, dulse already can be found in salad dressing, beauty products and sunscreen.
- 10. True. High school seniors as well as OSU undergraduate and graduate students work at the FIC, engaged in developing new recipes, sensory testing, lab tests, outreach events and more. One former intern, Danica Lee, graduated with her food science and technology degree in 2016 and now works in product development for Bob's Red Mill. The company's line of oatmeal cups was designed at the FIC.
- 11. Five of the seven Museum of Ice Cream flavors Cherrylicious, Chocolate Crush, Churro Churro, Nana Banana and Vanillionaire originated at the FIC.
- 12. False. The Portland Sensory Lab at the FIC hasn't tested french fries recently, but it's true that selected testers received \$40 cash to taste burgers last summer and \$60 to taste hard cider. In other recent tests, tasters evaluated coffee, fruit juice and salad dressing. The lab runs between one to three sensory tests per week and always needs more participants. If you live in the Portland area and want to learn more, go to fic.oregonstate.edu/fic/sensory-testing and click on "Looking for Taste Testers."

Like to answer questions? Join the OSU Alumni Association's Beaver Lodge at **osualum.com/beaverlodge** and provide feedback to the association and the OSU community.

More than 140 guests gathered at OSU's Food **Innovation Center on July** 19 to celebrate Oregon's food culture. Extension product development manager Sarah Masoni '87, the subject of a recent article in The New York Times on her "million-dollar palate," spoke about how the **Food Innovation Center** helps entrepreneurs turn creative culinary ideas into the next food startup. (Photo by A.J. Meeker)



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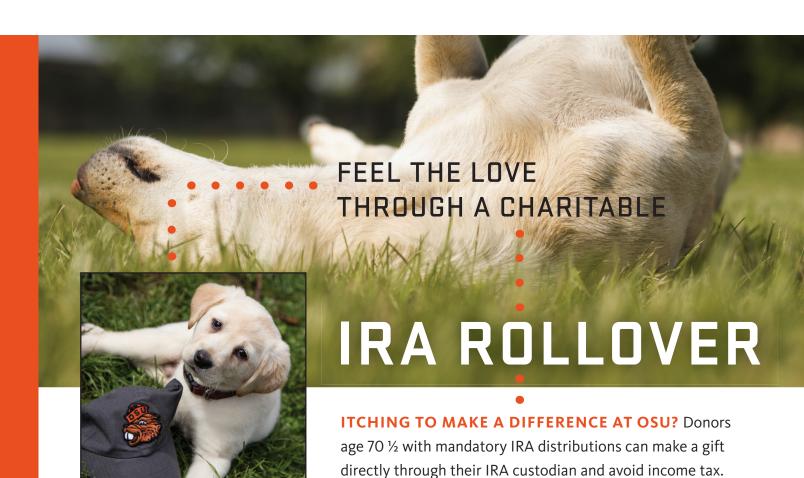
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