



**OREGON STATE
UNIVERSITY**
IMPACT

2014

OREGON STATE UNIVERSITY IS AN INTERNATIONALLY RECOGNIZED RESEARCH INSTITUTION THAT PROMOTES A HEALTHY PLANET, WELLNESS AND ECONOMIC PROGRESS THROUGH EXCELLENCE, LEADERSHIP AND INNOVATION.



Oregon State
UNIVERSITY

OREGON STATE UNIVERSITY: AN INTERNATIONALLY RECOGNIZED PUBLIC RESEARCH UNIVERSITY

Oregon State University is an authentic community, whose accomplishments and inclusive excellence, innovation and leadership promote a healthy planet, wellness and economic progress.

During the past year, Oregon State achieved many major accomplishments. The most sweeping change was the decision to pursue a new governance model with the university having its own board of trustees appointed by the governor. We also launched the Oregon State University Advantage to serve business partners and foster economic development throughout the state and nation — especially in the areas of innovative materials, energy and clean technology and high tech among others. Our Ecampus effort expanded to 33 degree programs and is one of the top-ranked online programs in the country.

While accomplishing these milestones and many more, Oregon State continued to move to the front ranks of international and comprehensive research land grant universities in America. Examples of OSU's significant impact throughout Oregon, the nation and the world are detailed within these pages. I hope you will take the time to read about Oregon State University's growing global reach and impact.

After 10 and a half years of service as Oregon State's president, I am more convinced than ever that Beaver Nation is truly a special place with untapped potential. Thank you for your continued support.

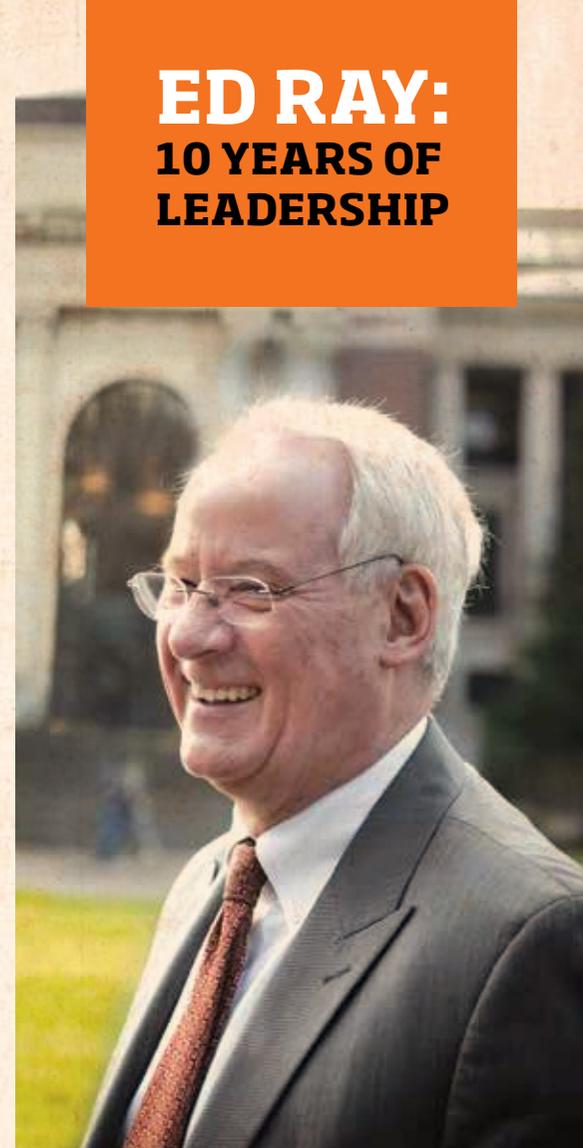


Edward J. Ray
President | Oregon State University

ED RAY: 10 YEARS OF LEADERSHIP

Ed Ray marked 10 years as president of Oregon State University in 2013, and to say it has been a decade of ambitious achievement would be an understatement. With vision, tenacity and a sense of urgency, Ray has led the drive to make Oregon State a 21st-century land grant and international research university. Since 2003:

- Enrollment has soared by 53 percent to nearly 29,000 students, making OSU Oregon's largest university.
- OSU's student population has grown increasingly diverse, with U.S. minorities making up 21 percent of the student population, up from 14 percent. The number of international students attending Oregon State has increased by 169 percent to nearly 3,000 students.
- The high school GPA for incoming students has climbed from 3.45 to 3.57.
- The number of degrees awarded by Oregon State each year has grown steadily, with 5,256 graduates in 2013 — a new record.
- Online enrollment has increased by nearly 400 percent. Ecampus has expanded to 33 degree programs and is ranked among the top online programs nationwide.
- Research funding has increased by 69 percent to \$263 million in 2013.
- Record-breaking philanthropy has put Oregon State among the top echelon of universities nationwide. The Campaign for OSU has twice increased its goal and will conclude this year having raised more than \$1 billion.



OREGON STATE BY THE NUMBERS



28,861
STUDENTS

With a 5.8 percent increase over 2012, fall enrollment set a new record, making OSU the state's largest university. This includes more than 900 students at OSU-Cascades in Bend and 3,800 online students enrolled in Ecampus.



#5

COLLEGE TOWN

For its friendly, inspired and innovative culture, Corvallis was ranked the No. 5 college town in the country by the American Institute for Economic Research for the 2013-2014 year.



BEST BUY SCHOOL

For three of the last four years, Oregon State has been named a Best Buy School in the Fiske Guide to Colleges, one of just 41 schools of 300 reviewed nationwide.



162
TOP STUDENTS

Oregon State continues to attract high-achieving students, including 162 freshmen who were ranked first or second in their high school graduating class in 2013.



21% GROWTH IN INTERNATIONAL STUDENTS

International enrollment has more than tripled since 2007, with 2,859 students from nearly 100 countries comprising 10 percent of the student population.



18,543

OREGON RESIDENTS

Oregonians make up 64.2 percent of the student population, demonstrating Oregon State's commitment to its land grant mission of accessible education.

THE OREGON STATE UNIVERSITY ADVANTAGE DRIVES INNOVATION, CONTRIBUTES TO BUSINESS SUCCESS

Launched in early 2013, the Oregon State University Advantage connects businesses with faculty expertise, student talent and world-class facilities to provide research solutions, help bring ideas to market and launch companies. Already, the OSU Advantage is making an impact through its three programs:

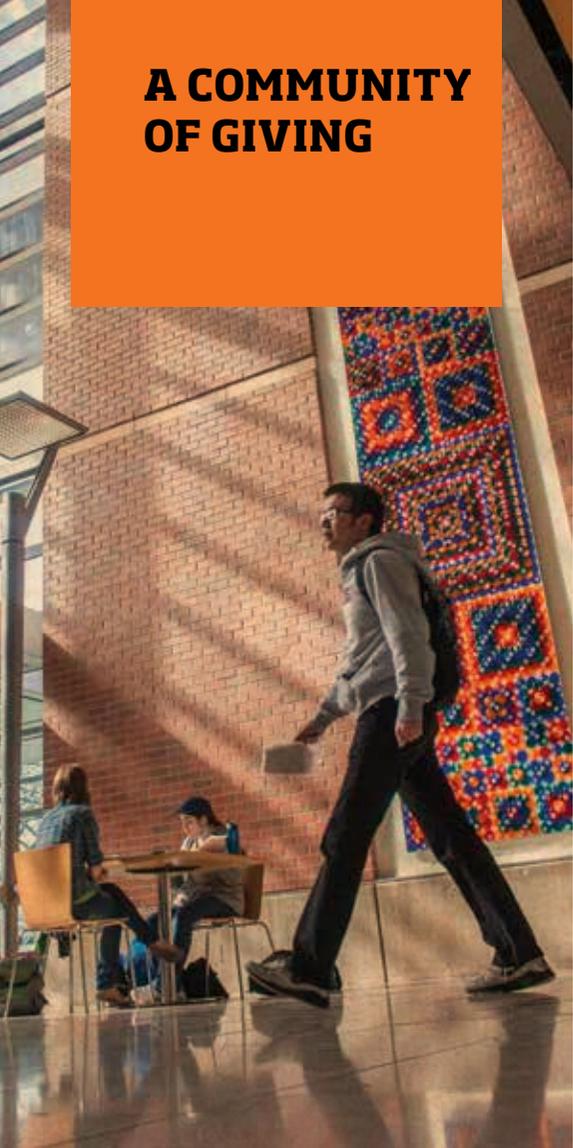
Advantage Partnerships develops collaborations with industry, matching faculty expertise and student talent with companies across Oregon. This includes three jointly funded projects with Hewlett-Packard, as well as ongoing relationships with Intel, Portland General Electric, Daimler Trucks and Blount International.

The **Advantage Impact** program negotiated agreements licensing Oregon State research innovations to four Corvallis-based startup companies: CSD Nano, NW Medical Isotopes, Online Labs and Amorphyx. The University Venture Development Fund has provided additional financial support.

The **Advantage Accelerator** offers a variety of business consulting resources, entrepreneurial expertise and networking with investors and strategic partners to help launch successful startups. The program chose its first 13 companies in July 2013, a mix of Oregon State faculty and student research concepts in clean energy, health care, e-commerce and other fields.

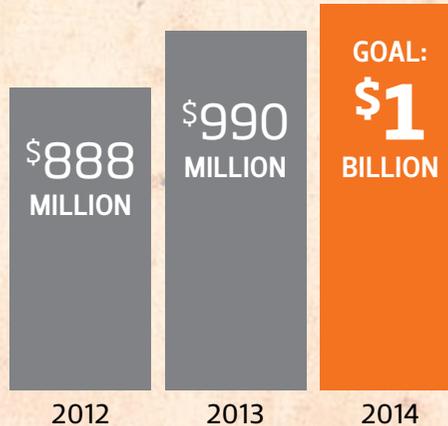


A COMMUNITY OF GIVING

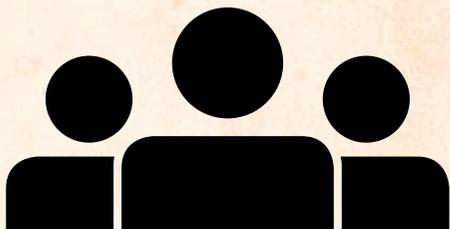


\$1 BILLION MILESTONE STRAIGHT AHEAD

By the end of 2013, Oregon State's powerful community of donors had contributed a total of \$990 million toward the \$1 billion Campaign for OSU goal. The university's first comprehensive campaign will continue through December 31, 2014, providing the opportunity for others to still join this historic philanthropic effort.



More than 102,000 donors have contributed to The Campaign for OSU, including alumni and friends from all 50 states. A third of these donors made their first gift to Oregon State during the campaign. OSU's Milton Harris Society now includes 112 living individuals or families and 74 organizations that have made lifetime commitments of \$1 million or more to the university.



FACULTY EXCELLENCE

Among other gifts that have brought the university past the \$100 million goal for faculty support, campaign donors have funded 77 of Oregon State's 124 endowed positions, helping attract faculty from some of the world's leading institutions. These endowed faculty members are campus trailblazers, inspiring students and leading the search for new knowledge.



WORLD-CLASS FACILITIES

With gifts surpassing the \$200 million goal for facilities and equipment, donors to The Campaign for OSU have provided all or part of the funding to build, renovate or acquire more than two dozen facilities. Projects currently in the works include:

- Austin Hall (College of Business)
- Centro Cultural César Chávez
- Asian & Pacific Cultural Center
- Johnson Hall (College of Engineering)
- Bud and Maxine Ossey Golf Center in Gill Coliseum



SCHOLARSHIPS

The Campaign for OSU has raised more than \$170 million for both merit- and need-based scholarships, with donors creating more than 600 new scholarships.

RESEARCH ANNUAL REPORT

OREGON STATE RESEARCH CONTINUES GROWTH IN REPUTATION, COMMERCIALIZATION

green materials, creating a national ocean-observing program, exploring multiple sources for renewable energy, and determining ways to enhance wellness as people age. Oregon State researchers advise state and federal agencies and international research organizations in areas of national and global importance.

In addition, the university's research innovations are increasingly commercialized — bringing new products to market, launching companies and creating jobs. Oregon State recorded its best year ever in technology licensing in 2013, bringing in \$7.7 million — nearly triple what it earned just five years ago. Licensing the results of university research for industry to turn into marketable products increases their value and economic impact.

Oregon State University's globally recognized research enterprise has more than doubled in the past decade.

The university is a pacesetter in research on climate science, wave energy, conservation biology, open-source software, forestry, agriculture, nutrition and other fields.

Oregon State researchers are renowned leaders who are designing the next generation of oceangoing research vessels, developing novel



Today's global challenges require Oregon State to partner with individuals, industry, government and other universities. It takes expertise across many disciplines to find solutions anchored in the best science. Oregon State researchers are engaged in exciting new developments in key areas such as robotics, information technologies, geospatial intelligence, renewable energy and health care. Oregon State faculty and students advance knowledge, connect theory and application, collaborate and innovate — with tangible, positive, real-world results. Their work improves quality of life, environmental sustainability and economic progress in Oregon and around the world.



in research grants, contracts and awards.



in industry-funded research.



65%

increase in private-sector research support over the past five years.

OREGON STATE RESEARCH BY THE NUMBERS



licensing agreements signed with businesses to commercialize Oregon State research in the fields of information technology, agriculture, industrial materials, biotechnology, forest products, healthy aging and manufacturing.



80

invention disclosures, a record number of research findings with commercial potential.



MILLION
in licensing and royalty income, a new record.



RAPID PROGRESS CONTINUES AT OREGON STATE UNIVERSITY - CASCADES

Oregon State University's branch campus in Bend is moving quickly toward becoming a four-year university in 2015. Expanding OSU-Cascades is a key component in Governor John Kitzhaber's 40-40-20 education initiative, and it further establishes OSU as Oregon's statewide university.

Campus Expansion

With a total of \$24 million in funding from the legislature, bonds and philanthropic support, OSU-Cascades is purchasing two properties totaling 56 acres on Bend's west side to build the new campus. OSU-Cascades is collaborating with the City of Bend, Deschutes County and community and business leaders on expansion plans.

Academics

OSU-Cascades enrollment grew by 16.9 percent in 2013, with a total of 936 students. The campus has developed

plans to increase its enrollment to between 3,000 and 5,000 students by 2025.

OSU-Cascades added majors in computer science and accountancy, plus a Master of Fine Arts in creative writing last year. The 18 undergraduate and three graduate degrees, and 30 minors and options now offered at OSU-Cascades have been developed to meet the education, economic and community needs of Bend and Central Oregon.

At OSU-Cascades' 2013 Commencement, 241 graduates were awarded Oregon State University degrees.

Research and Outreach

OSU-Cascades makes important contributions to Oregon State's research enterprise. The FORCE Lab — the Functional Orthopedic Research Center of Excellence — is a Bend-based collaboration between OSU-Cascades and private partners. Research focuses on intervention strategies for sports-related injuries, especially those to knees, ankles and hips.

Meanwhile, OSU-Cascades' Energy Systems Lab received a \$700,000 grant from the U.S. Department of Energy to develop technology that can efficiently fuel a natural gas vehicle at home.

OSU-Cascades also supports Oregon State's outreach mission. The graduate program in counseling has established

an innovative practicum offering free or low-cost counseling sessions in Bend and La Pine, allowing students to develop counseling expertise under faculty and clinical supervision.

Fundraising

OSU-Cascades has made substantial progress toward its \$4 million goal for facilities expansion, with individual, corporate and foundation donors from across Oregon. Another \$250,000 grant from the Oregon Community Foundation is possible in 2014. Results from these fundraising efforts are expected early this year.





INTERNATIONAL ENROLLMENT, ENGAGEMENT CONTINUES TO GROW

Oregon State is increasingly an international community, with 2,859 students from 96 countries enrolled in fall 2013, a 21 percent increase over 2012. Through increased recruiting and a collaboration with INTO University Partnerships, the percentage of Oregon State students from other countries has doubled since 2009 to 10.2 percent.

Internationalization is also a key component of the university's updated strategic plan. Oregon State is continuing to develop its internationalization, alumni development and fundraising capabilities worldwide, particularly in China, Hong Kong, Indonesia, South Korea, Thailand and Taiwan. This strategic initiative will expand the university's existing academic and research partnerships with 15 universities in the region, as well as more than 20 study abroad programs. The initiative will also build stronger ties with the more than 3,000 Oregon State alumni in Pacific Rim countries.

NEW CULTURAL CENTERS ENHANCE A DIVERSE CAMPUS COMMUNITY

Oregon State's core commitment to diversity can be seen amid an ongoing campus construction boom, with a project underway to replace all four of the university's cultural centers by the end of 2014.

Eena Haws, the new Native American Longhouse, opened last May. The name means Beaver House in the Chinook language, and the longhouse was designed in collaboration with Native American students to reflect the multiple tribal cultures represented at Oregon State.

The new Centro Cultural César Chávez is almost complete and expected to open in spring 2014. Completion of the new Lonnie B. Harris Black Cultural Center is expected by late summer and the new Asian and Pacific Cultural Center by late fall.

Director of diversity development Victoria Nguyen says the cultural centers not only offer a welcoming and familiar environment for students of different backgrounds, they also enrich the entire campus community.

"These centers act as a catalyst to perpetuate learning outside of the classroom," she says. "They offer a safe place for people to ask questions and serve as a springboard to learn about other cultures."





OREGON STATE GRAD HELPS FUEL PDX TECH BOOM

Although he graduated only five years ago, Brad Heller '09 is already making an impact in the hot Portland high-tech scene.

Heller started writing computer code in elementary school. While an undergraduate at Oregon State, he took a job at a local tech startup to gain some real-world experience. Later, he learned firsthand about business management when he crashed and burned his own startup company.

Now he's applying that hard-won knowledge as director of engineering for Cloudability, one of today's most-buzzed-about new tech companies. "Cloud analytics is still new, and it's going to get a lot bigger," he says. "Working here is definitely exciting. Everyone wants to be the best at what they do."

As a prototypical tech wizard, Heller is scary-smart, works hard and plays hard, yet doesn't take himself too seriously. He loves the strong high-tech community in Portland. "There's more of a work-life balance," he says. "Many of our meetings after hours are at the pub."

PUBLIC HEALTH AND HUMAN SCIENCES: WHAT MAKES US HEALTHY

2014 is a signature year for Oregon State's College of Public Health and Human Sciences. Pending accreditation will make it Oregon's first accredited college of public health, bolstering its visibility and reputation, as well as its ability to attract committed students and faculty.

Accreditation ensures the college has the resources to educate the next generation of globally minded public health and human sciences professionals, research new ways to ensure health across the lifespan and continue its community partnerships through OSU Extension programs.

Public health focuses on the 90 percent of factors that make us healthy — our biology, environment, lifestyle and behavior — rather than the 10 percent that is health care delivery. As a result, the college is well-positioned to improve health, lower health care costs, affect health system change and work to prevent the leading causes of death, disease and injury.

The college is also launching a center on global health — which joins three existing PHHS research centers — and is at the forefront of a national movement to integrate its curriculum across all academic disciplines. These include public health, nutrition, exercise and sport science, and human development and family sciences.





STRONG MARINE SCIENCE PROGRAM POISED FOR EVEN GREATER GROWTH, IMPACT

Long recognized internationally for excellence in marine sciences, Oregon State University is leading new research and education initiatives on the Oregon coast.

Growth is coming to the university's Hatfield Marine Science Center (HMSC) in Newport. President Ed Ray met with coastal leaders in summer 2013 about developing undergraduate programs and curriculum that would bring some 500 students to a residential campus. In addition, plans are underway to expand research capacity and infrastructure at HMSC, which is also home to several state and federal agencies that collaborate with the university on marine science research.

The National Science Foundation (NSF) last year chose Oregon State to lead the design and construction of as many as three new coastal research vessels. Oregon State will receive nearly \$3 million for the design phase, and if all three vessels are built, the total grant is projected to reach \$290 million over 10 years.

These developments build on other major initiatives in Newport, including the relocation of the National Oceanic and Atmospheric Administration's (NOAA) Pacific marine fleet from Seattle and the Ocean Observatories Initiative, a \$386 million, NSF-funded project led by Oregon State's College of Earth, Ocean, and Atmospheric Sciences.



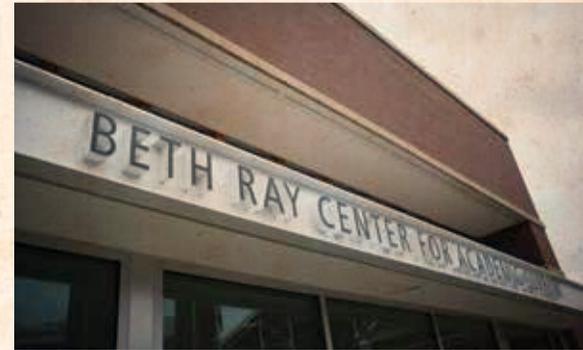
RENAMED ACADEMIC CENTER HONORS BETH RAY'S COMMITMENT TO STUDENT SUCCESS

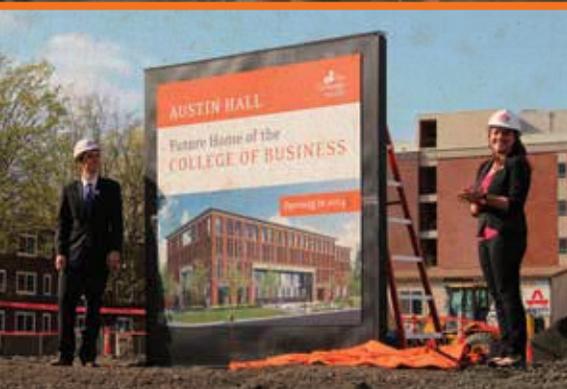
Every day, hundreds of Oregon State students visit the Student Success Center for academic counseling and advising, tutoring and study skills sessions. Located across the street from Gill Coliseum and Reser Stadium, the center was recently renamed — with unanimous campuswide support — the Beth Ray Center for Academic Support, honoring Oregon State's first lady for her commitment to mentoring and student success.

The \$14 million center opened in 2012. It houses the September Scholars, the BEST Bridge Program and others that provide a range of academic support services for student-athletes as well as the general student population.

"The Beth Ray Center for Academic Support will serve as an essential place where all students can gather throughout the day and evenings to receive personal assistance along their path to graduation," says provost and executive vice president Sabah Randhawa.

A former business law professor, academic counselor and assistant dean of academic advising at the Ohio State University, Ray has seen many of the students she has mentored go on to graduate and thrive during her 10 years at Oregon State.





ONLINE HYBRID BRINGS EXECUTIVE MBA TO PORTLAND

Like any good business, the Oregon State MBA program continually seeks out growth opportunities and tailors its product to meet market demands. With an online/hybrid Executive Leadership MBA in Portland and three new MBA tracks in Corvallis — Global Operations, Marketing Research and Wealth Management — enrollment in MBA programs has increased by 25 percent.

The Executive Leadership track is offered in partnership with Ecampus, and in-person sessions are held in Portland. This rigorous graduate program provides the flexibility of online coursework and the value of meeting face-to-face in the classroom environment.

“Recognizing the trend and value in this blended online/in-person format, along with the interest from Portland alumni and industry partners, made us realize that there definitely is opportunity in Portland,” says David Baldrige, director of off-campus MBA programs. “We are excited to make it possible for professionals to add an Oregon State MBA to their résumé.”

Austin Hall to open this fall

The College of Business moves into its new home this fall. Named for Ken and Joan Austin to reflect their \$10 million lead gift, Austin Hall will include 10 classrooms, a 250-seat auditorium, collaborative team rooms, a career success center, an MBA suite, a research lab, a café and event space.

CURIOSITY DRIVES UNDERGRADUATE RESEARCH

When manatees and alligators are members of your backyard ecosystem, it's like living with a ready-made science project. Justin Conner took full advantage of the biodiversity bursting in and around the Florida canal that linked his childhood home to the ocean.

"I was always out in nature catching stuff," Conner says. "I always liked creepy and crawly – little tiny lizards, frogs, baby toads, snakes."

The curious boy was boggled by the biology of it all. He is still curious – and that propelled him across the country to Oregon State, where he could study cold-blooded organisms.

"I found the zoology program was ranked fourth in the nation," Conner says. "The research part of it was really what helped get me on track because I knew this is what I wanted to do."

Conner wasted no time pursuing a research project in his first year at Oregon State, an opportunity that is uncommon at many universities. He worked for zoology professor Andy Blaustein, looking into factors that are decimating the population of amphibians worldwide.

After presenting his research findings at a professional meeting at Boise State University, Conner received a scholarship to present at Arizona State University. There, he won first place for undergraduate research.





NEW BOARD OF TRUSTEES TO GUIDE OREGON STATE'S FUTURE

To better guide the university's mission to serve the state and its citizens, Oregon State University President Ed Ray announced the formation of an independent board of trustees in July 2013. The move comes after passage of Senate Bill 270, which also authorized independent governing boards for the University of Oregon and Portland State University.

Ray's decision followed extensive outreach and meetings with hundreds of students, faculty, staff and alumni, industry leaders and members of the OSU Foundation and the OSU Alumni Association.

"Oregon State University — Oregon's statewide university — was created to serve the higher education needs of the people of Oregon," Ray said. "That service is our core mission and part of our DNA. Advancing Oregon's future and attaining the state's 40-40-20 educational achievement goals are central to OSU's mission as a 21st

century land grant university and can best be accomplished through the creation of a university governing board that represents all of our state."

The trustees, who officially take office July 1, 2014 will be responsible for establishing policies for university operations; overseeing tuition and fees; guiding academic programs; approving the university's budget for state submission; and appointing and employing the university's president in consultation with the governor.

Governor John Kitzhaber nominated, and the Oregon Senate confirmed, 13 trustees, who reflect the university's broad teaching and research disciplines and the unique role the university plays in the state, the nation and the world. Board members represent the Oregon's diverse geographic regions, as well as its significant economic sectors.



Oregon State University Board of Trustees



Mark Baldwin
OSU
classified staff,
Albany



**Patricia "Patty"
Bedient**
Chief financial
officer/executive
vice president,
Weyerhaeuser Co.,
Sammamish, Wash.



Elson Floyd
President,
Washington State
University,
Pullman, Wash.



Orcilia Zúñiga Forbes
Retired OSU vice
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Naumes Inc.,
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Edward J. Ray
OSU President,
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OSU board of trustees
chairwoman,
Beaverton



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Vice president/
general manager,
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Development Group,
Portland



Paul Kelly, Jr.
Retired general
counsel, Nike,
Portland



Taylor Sarman
OSU student,
Corvallis



**Darald "Darry"
Callahan**
OSU board of trustees
vice chairman,
San Rafael, Calif.



Michele Longo Eder
Coastal marine and
fisheries lawyer,
Newport



Brenda McComb
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Graduate School,
Philomath



Kirk Schueler
President, Schueler
Consulting Services,
Bend

WE ARE BEAVER NATION

We are the Nation.

A Nation of successful people, celebrated and honored. A Nation we built from pride, forged in orange and black. We do things, big and small, that impact lives. We reach boundaries, and push them.

We are inspiration.

We are hard work.

We are Beavers, part of one Nation.

BEAVER NATION.







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