

UNIVERSITY OUTREACH AND ENGAGEMENT

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# Vice Provost Awards of Excellence

Awards Celebration and Luncheon



April 17, 2017  
11:30 a.m. - 1:30 p.m.  
CH2M Hill Alumni Center

**Oregon State**  
UNIVERSITY

# Schedule of Events

11:30 a.m.	<b>Welcome</b>	Scott Reed and Ed Feser
11:35 a.m.	<b>Distinguished Partner in Advocacy Awards</b> <i>Statewide Public Service Program Team</i> <ul style="list-style-type: none"><li>• Dana Martin</li><li>• Karli Olsen</li><li>• Helle Ruddenklau</li><li>• Jackie Russell</li><li>• Statewide Public Service Program Communication Team</li></ul>	Scott Reed
11:40 a.m.	<b>Vice Provost Awards of Excellence</b> Honorable Mentions	Lindsey Shirley
11:50 a.m.	<b>Lunch</b>	
12:15 p.m.	<b>Vice Provost Awards of Excellence</b> Top 10 Project presentations by awardees	Scott Reed
1:20 p.m.	<b>Distinguished Partner in Innovation Awards</b> <ul style="list-style-type: none"><li>• Wild Rivers Coast Alliance</li><li>• Travel Oregon</li><li>• Jon-Paul Bowles</li><li>• Professional and Continuing Education (PACE)</li></ul>	Lindsey Shirley
1:25 p.m.	<b>Closing Remarks</b>	Scott Reed



***OSU earned the Carnegie Community  
Engagement University Distinction in 2010***

## **Scott Reed, Vice Provost for University Outreach and Engagement, Director for OSU Extension Service**



Scott Reed has served at Oregon State since 1990, including in various College of Forestry roles, including professor, executive associate dean and Extension program leader. He holds a Ph.D. in policy and economics from University of Minnesota and bachelor and master of science degrees in forestry from Michigan State University. Scott is active with the Association of Public and Land-grant Universities and frequently contributes to development of national policy advancing the outreach capacities of land grant universities. He is former president of the Association of Natural Resource Extension Professionals, and serves on the boards of Rural Development Initiatives, Inc., the Engagement Scholarship Consortium, American Distance Education Consortium and the Oregon Watershed Enhancement Board.

## **Ed Feser, Oregon State University Provost and Executive Vice President**



Ed joined OSU on February 28, 2017. As the chief academic officer of the campus, he is guiding the implementation of the university's strategic plan and student success initiative; supporting the growth of OSU's grant/contract-funded research and impact; fostering faculty and graduate student success; and supporting OSU's diversity and inclusion, enrollment management, and outreach and engagement strategies. Prior to joining Oregon State, Feser held several leadership roles at the University of Illinois at Urbana-Champaign, including Interim Provost and Vice Chancellor for Academic Affairs, Dean of the College of Fine and Applied Arts, and Head of the Department of Urban and Regional Planning. He has also served as Davies Chair of Entrepreneurship and Head of the Division of Innovation, Management and Policy at the

Manchester Business School, University of Manchester, UK; Assistant and Associate Professor at the University of North Carolina at Chapel Hill; and Assistant Secretary for Policy, Research and Strategic Planning in the North Carolina Department of Commerce. He earned a Ph.D. in Regional Planning and a Master of Regional Planning from the University of North Carolina at Chapel Hill and a Bachelor of Arts in Government from the University of San Francisco. He is a Senior Research Fellow with the Center for Regional Economic Competitiveness in Arlington, Virginia.

## **Lindsey Shirley, Associate Vice Provost for University Outreach and Engagement, Associate Director for OSU Extension Service**



Lindsey Shirley has served at Oregon State University since June 2016. She holds a Ph.D. in family and consumer sciences education from Iowa State University, a M.Ed. in family education from the University of Minnesota, and a B.S. in family and consumer sciences from Iowa State University. During her career, she has garnered numerous honors, published two books and a variety of other research-based publications, secured external funding, and held multiple leadership positions at the university, state, and national levels. She has used her drive and motivation to develop new academic and Extension programs while maintaining historical offerings at land grant institutions in the West.





# Vice Provost Awards of Excellence: Top 10 Projects



## COLLABORATIVE COMMUNITY ENGAGEMENT: EXPERIENTIAL LEARNING THROUGH EXTENSION

- **Sam Angima** – Extension Program Leader, Agricultural and Natural Resources and Assistant Dean for Outreach and Engagement, College of Agricultural Sciences
- **Susie Brubaker-Cole** – Vice Provost for Student Affairs
- **Katie Gaebel** – Experiential Learning Program Coordinator, College of Agricultural Sciences
- **Emily Henry** – OSU Open Campus Education Coordinator, University Outreach and Engagement
- **Mary Stewart** – Extension Regional Communication, Agritourism Leader, Applied Economics, and County Leader, OSU Extension – Marion County
- **Jonathan Velez** – Director, Leadership Academy, College of Agricultural Sciences
- 2015–2016 College of Agricultural Sciences **Leadership Academy Cohort** (20 students)

### Community Partners

- Tillamook County Hispanic students and families
- Marion and Polk County farmers, ranchers and growers

“It is said that ‘no old road leads to new destinations.’ We believe innovations focused on engagement immediacy and interactivity lead to new ideas that improve our work and the impact we have on communities and those we serve.” – *Scott Reed*



Students involved in experiential learning activities have better graduation rates, higher retention rates, and better grades. Extension, as the most engaged mission of a land grant university, has a lot to offer all OSU students in terms of experiential and service learning opportunities.

Extension faculty proposed programs that engage the community in solving problems. Students in the College of Agricultural Sciences Leadership Academy chose two: working with parents and students in the Juntos program in Tillamook and working with farmers on an Agritourism program in Marion and Polk counties. With funding made possible by the Vice Provost for Student Affairs, students devised methods of engagement with stakeholders; made online, phone, and face-to-face visits; arranged on-site trips; and invited community members to visit campus as part of co-created solutions and reciprocal engagement.

The students experienced firsthand—many for the first time—the power of engaging with communities and being part of solutions. The project invigorated policy discussions about student participation in at least one experiential learning opportunity before graduation. And the College of Agricultural Sciences developed a new student class in Extension and Engagement to help students consider and prepare for related careers.

## CREATING AN ECOSYSTEM OF ENGAGED ENGINEERING

- **Loren Chavarria-Bechtel** – Senior Instructor of Spanish, Spanish for Heritage Language Learners Program Director, College of Liberal Arts
- **Chinweike I. Eseonu** – Assistant Professor, Industrial and Manufacturing Engineering, College of Engineering
- **Jeff Sherman** – Assistant Director, Open Campus and Innovation, University Outreach and Engagement

### Community Partners

- Del Corazon Sopes
- Monroe City Council (donated community kitchen for food preparation)

In 2014, Erin Cech published a paper in which she described a “culture of disengagement” from social consideration in engineering disciplines. Her findings suggest that engineering students arrive on campus ready to “change the world” but leave four (or more) years later having had this desire “trained out” of them. This culture of disengagement is problematic because:

- The land grant mission is, in part, to translate university-generated knowledge into practical benefit for communities.
- The OSU strategic plan includes a goal to “strengthen [its] impact and reach throughout Oregon and beyond.”
- The Organisation for Economic Co-operation and Development (2000) lists science, technology, and innovation as keys to sustained economic development.

The OSU team presented its vision for community driven technology innovation and investment (CDTII) at Regards to Rural 2013. CDTII builds on Asset Based Community Development (ABCD) by applying engineering design methods to “pull” community design ideas. One of the ideas – the Del Corazone Sopos project – fused industrial, mechanical, chemical, and electrical engineering. In 2014, a group of three engineering students developed a device that reduced sope production time by 50 percent, reduced the risk of burnt fingers during sope preparation, and brought the Del Corazon Sopos partners closer to their goal of supplying sopos to the local co-op. The business has now expanded its vision to include catering services.

## **CYBERLAB – LEVERAGING EMERGING OBSERVATION TECHNOLOGIES TO ADVANCE THE ART AND SCIENCE OF ENGAGEMENT**

- **Mark Farley** – Manager, Cyberlab Project, Oregon Sea Grant
- **Shawn Rowe** – Extension Free-Choice Learning, Oregon Sea Grant and Associate Professor, College of Education

### *Community Partners*

The growing list of partners includes:

- Cities of Coos Bay, Newport, and Bandon
- Oregon State Parks
- Bureau of Land Management
- Oregon Museum of Science and Industry
- National Atmospheric and Space Administration
- Oregon Coast Aquarium
- Hawaii Department of State Lands
- University of Washington College of Engineering
- National Science Foundation



Nearly 14 years ago, Oregon Sea Grant made a strategic decision to deepen its commitment to understanding how people learn in non-formal contexts by establishing a Free-Choice Learning (FCL) program. Such understanding is fundamental to outreach and engagement, particularly for groups and individuals in communities outside of the university campus.

In a recent project, initiated in 2011 with support from the National Science Foundation, FCL researchers established the “Cyberlaboratory” at the Visitor Center (VC) in the Hatfield Marine Science Center. The VC is open to the public and is an interactive science center that hosts more than 150,000 visitor annually and features live animal and interactive educational exhibits. The Cyberlab’s observation system utilizes a network of emergent technologies such as face recognition and video analytics that allow learning and engagement researchers from all over the world an unprecedented opportunity to study behavior, capture responses and adapt content to visitor needs. Data on visitor behavior in the VC supports research projects ranging from best practices in promoting STEM learning to understanding more about how families learn together.

For example, Cyberlab worked directly with the Coast Guard Academy in Connecticut to extend the development of one of the Cyberlab’s primary research platforms into a teaching tool for Coast Guard Cadets. Cyberlab faculty worked with Coast Guard

instructors to adapt the flume tank—a tool for STEM research—as a training platform for officers and enlisted members to learn about fluid dynamics, hull design and tsunami debris.

## GET OUTDOORS DAY AT PEAVY ARBORETUM

- **Ryan Brown** – Recreation and Engagement Program Manager, College Research Forests, College of Forestry
- **Carol Carlson** – Business Manager, College Research Forests, College of Forestry
- **Tina Dodge-Vera** – Extension Family and Community Health Specialist, OSU Extension – Linn County
- **Jody Einerson** – Extension Forestry and Natural Resources Specialist, OSU Extension – Benton County
- **Stephen Fitzgerald** – Extension Silviculture Specialist; Director, College Research Forests; and Professor, Forest Engineering, Resources and Management, College of Forestry
- **Brent Klumph** – Timber Program Manager, College Research Forests, College of Forestry
- **Maggie Livesay** – Extension 4-H Natural Resources Outreach, County Leader, OSU Extension – Benton County
- **Matt McPharlin** – Recreation Field Coordinator/Volunteer Coordinator, College Research Forests, College of Forestry
- **Stephen Pilkerton** – Engineer and Operations Manager, College Research Forests, College of Forestry
- **Brad Withrow-Robinson** – Extension Forestry and Natural Resources Specialist, OSU Extension – Benton County

### *Community Partner*

- Benton County Health Department

American kids spend half as much time outside as they did 20 years ago. This poses significant concerns for the future of natural resource conservation, as well as public health. In Benton County, 35 percent of adults are overweight, including 21 percent classified as obese, and a lack of outdoor education and recreation opportunities for youth has been identified as a local issue.

Starting in 2013, the OSU College of Forestry Research Forests, OSU Extension offices in Benton and Linn Counties, and Benton County Health Department have sponsored a National Get Outdoors Day (GO Day) event at Peavy Arboretum. The intention is to connect low income, English language learners, first time visitors, youth, and families with the benefits of getting outdoors to experience nature. To remove barriers of participation, the event features transportation from Title 1 schools in Corvallis and Albany and bilingual volunteer staffing and materials. More than 20 community organizations offer approximately 30 hands-on, free-choice learning activities focused on natural resources, forestry, cultural connections, community opportunities and resources, health, and physical fitness.

GO Day has been a local success, averaging 85 volunteers and 485 visitors each year (half being children). Because of focused outreach efforts between 2014 and 2016, Latino participation rose to over 20 percent, far exceeding the six percent Latino population in Benton County.

## GO BABY GO OREGON: MODIFIED RIDE-ON CARS FOR CHILDREN WITH DISABILITIES

- **Sam Logan** – Assistant Professor, School of Biological and Population Health Sciences, College of Public Health and Human Sciences

### *Community Partner*

- Dr. Bethany Sloane, PT, DPT, Assistant Professor, Oregon Health and Science University

Go Baby Go (GBG) Oregon is a community-based outreach program that works with families and clinicians to provide modified toy ride-on cars to young children with disabilities for exploration and play. There are no commercially available motorized wheelchairs for children under the age of three. The more than 3,000 children in Oregon receiving early intervention services may benefit from a modified ride-on car.

GBG Oregon was founded in 2014 by Dr. Sam Logan. Dr. Bethany Sloane, assistant professor, Oregon Health and Science University, joined the project as an equal partner in 2015 and oversees the GBG Oregon program that serves Portland-area families, including an advisory board that includes 10 clinicians, families, and community-member stakeholders.

The 15-member Children’s Adaptive Resources for Social Mobility (CARS) undergraduate club at OSU, for which Dr. Logan is founder and faculty advisor, supports the work of GBG Oregon. The club’s mission is to modify ride-on cars for children with disabilities in Oregon and beyond. Dr. Logan also developed and taught an Honors College Colloquial titled “Toy-based technology for children with disabilities.” This is an experimental learning course where students learn the science behind Go Baby Go, modify ride-on cars, and interact with families to customize ride-on car modifications for their children.

In addition to other scholarly activity, Dr. Logan has represented OSU while conducting over 20 Oregon and national workshops teaching the science behind GBG and the skills required to modify the ride-on cars. Dr. Sloane also leads monthly community workshops to modify ride-on cars. GBG Oregon has provided more than 200 modified ride-on cars to Oregon families.

## NUMBERS IN NATURE, MATH ON THE MOUNTAIN

- **Michael Giamellaro** – PI, Assistant Professor, Science and Mathematics Education, College of Education, OSU Cascades – Roundhouse Foundation Faculty Scholar of Science Education
- **Melinda Knapp** – Co-PI, Full-time Instructor, Mathematics Education, College of Education, OSU Cascades
- **Kari O’Connell** – Co-PI, Senior Researcher, Center for Research on Lifelong STEM Learning
- **Alba Argerich** – Assistant Professor – Senior Research, Forest Engineering, Resources and Management, College of Forestry
- **Ivan Arismendi** – Assistant Professor, Fisheries and Wildlife, College of Agricultural Sciences
- **Patrick Kailey** – MAT Student, OSU Cascades
- **Jacob LaPlante** – MAT Student, OSU Cascades
- **Ron Reuter** – Associate Professor, Natural Resources, College of Forestry and Assistant Dean, Academic Programs and Student Affairs, OSU Cascades
- **Travis Roth** – Ph.D. Student, Water Resources, College of Earth, Ocean, and Atmospheric Sciences
- **Marc Rubin** – Instructor of Computer Science, College of Engineering, OSU Cascades
- **Mark Schulze** – Assistant Professor – Senior Research, Forest Ecosystems and Society and Director of the H.J. Andrews Experimental Forest, College of Forestry

### Community Partners Involved

- Mount Bachelor Observatory
- Mount Bachelor
- Warm Springs K-8 Academy
- Rimrock Expeditionary Alternative Learning Middle School
- High Desert Middle School
- Crook County High School/Pioneer Alternative High School
- Crooked River Elementary
- Crook County Middle School
- Barnes Butte Elementary
- Culver Middle School
- Ridgeview High School
- Obsidian Middle School
- Sisters High School
- Sara Ward, Graduate Student, University of Oregon

“True partnerships are highly valued and nurtured within outreach and engagement work. True partnerships go beyond simple cooperation and collaboration. True partnerships honor the contributions of co-equals. True partnerships create what cannot be done otherwise.” – *Scott Reed*



Numbers in Nature, Math on the Mountain is an interdisciplinary outreach project that engages five OSU colleges and the STEM Center for Lifelong Learning with six Central Oregon school districts (all Title 1 schools), the University of Washington, and other community partners. The project brings together teachers and university faculty to improve achievement in STEM for grades 4–12.

Teachers collaborate with scientists at H.J. Andrews Experimental Forest and Mt. Bachelor to dive into science and math content and to co-develop a series of curriculum units that use authentic data and contexts from these two locations. At every stage of the project, teachers and scientists co-construct understanding of content and data literacy as they plan for contextualized curriculum and instruction for classroom learning success.

The research embedded in the project focuses on contextualized learning and the role of teacher-scientist partnerships in improving data literacy of teachers and students. Learning with and in context is not currently well understood but offers much potential for advancing achievement at every level of education. The data collected through the design-based research are used by participants to improve their teaching. Teacher participants report transformational changes in their understanding and use of science and math in their teaching.

## OREGON MIGRANT LEADERSHIP INSTITUTE

- **Amas Aduviri** – Director, College Assistance Migrant Program (CAMP)
- **Maria Andrade-Diaz** – CAMP Administrative Assistant
- **Greg Contreras** – CAMP Academic Counselor
- **Alexsandra Dos Reis** – CAMP Retention Specialist
- **Laura Mondragon** – CAMP Recruiter

### Community Partners

#### Coordination and Recruitment Partners:

- Title IC-Migrant Education
- Oregon Migrant Education Service Center
- East Multnomah County
- Education Service Districts (ESD) throughout the state:

Forest Grove, Hillsboro, Hood River, Ontario/Annex, Portland, Nyssa, Beaverton, Woodburn, Salem-Keizer, and Newberg School Districts

#### College Fair Partners:

- Community And Shelter Assistance Corp. (CASA) of Oregon
- Office of Student Access and Completion (OSAC) ASPIRE – Student Mentoring
- Hispanic Metropolitan Chamber
- Clackamas Community College
- Eastern Oregon University
- Linfield College
- Linn-Benton Community College
- Oregon Health Science University
- Oregon Institute of Technology
- Portland State University
- Southern Oregon University





- University of Oregon
- University of Portland
- Western Oregon University
- Willamette University

*Additional OSU Partners:*

- Cheridy Aduviri – Instructor, College of Education
- Mark Belson – ALI Challenge Course Instructor
- Kyle Cole – Director, Pre-College Programs
- Penelope Diebel – Assistant Dean of Academic Programs, College of Agricultural Sciences
- Mario Magana – State 4-H Youth Development Outreach Specialist, OSU Extension
- Shalece Rains – Academic Counselor, Student Support Services
- Melissa Rieth—Coordinator, Scholar Housing and Residential Conferences, University Housing and Dining



“Community engaged research starts with identifying a social, economic or environmental challenge. Then OSU faculty, staff, students and community members go to work – bringing expertise and existing knowledge together to add value and fill gaps through collaborative discovery of solutions. Applied research makes an immediate difference and builds a pool of useful information for other communities to tap.” – *Scott Reed*



Oregon lacks educational resources and programming for migrant youth. To address this need, OSU collaborated with the Office of Migrant Education to create the Oregon Migrant Leadership Institute (OMLI). Every summer since 2009, OSU hosts OMLI. Many university resources and community partners work together to build an institute where participants engage in scholarship, leadership and transformational learning. To date, nearly 1,000 migrant students have experienced OMLI.

More than 100 high school migrant students from throughout Oregon make the trip to Corvallis each summer to learn from curriculum led by trained mentors. Tremendous personal growth is observed as participants immerse themselves in a comprehensive leadership experience. OMLI encourages relationship building, understanding potential, making good choices, and much more. Stories are told through technology, art, and creative writing. The youth are challenged on the ropes course, take risks and learn from mistakes.

Pre-assessments show that only 50 percent of participants understood how to develop action plans for their goals and 62 percent were familiar with steps to problem solving. Post-assessments show 90 percent of participants express competency in goal setting and problem solving. In addition, assessments indicate that over 90 percent of participants plan to enroll in college after high school; many attend OSU and graduate. OMLI gives hope to Oregon migrant youth. The experience sets them on a different path to fulfill their potential.

## **PRIORITIZATION OF WATERSHED RESTORATION ACTIONS INVOLVING RIPARIAN LANDOWNERS**

- **Guillermo Giannico** – Extension Fish Ecology and Watershed Specialist, Oregon Sea Grant and Associate Professor, Fisheries and Wildlife, College of Agricultural Sciences
- **Jon Souder** – Extension Forestry and Natural Resources Specialist and Assistant Professor, Forest Engineering, Resources and Management, College of Forestry

### **Community Partner**

- Coos Watershed Association

Federal and State agencies in Oregon and the Pacific Northwest have invested millions of dollars assessing watershed health and identifying habitat restoration opportunities. Unfortunately, many restoration efforts lack a clear process for prioritization of projects, leading to inefficient application of scarce financial and personnel resources. In 2005, Guillermo Giannico and Jon Souder obtained National Sea Grant funding for a collaborative project between OSU Forestry Extension, Oregon Sea Grant and the Coos Watershed Association to develop a series of watershed restoration plans for six lowland coastal basins north of Coos Bay.

To maximize public involvement, a series of informal conversations were held within each basin to elicit landowner visions and concerns. Associated with the conversations, work with Oregon scientists led to the development of a restoration prioritization process—called the Coos Bay Prioritization Approach (CBPA)—that considers both ecological and socio-economic criteria. Completed in 2008, the CBPA has been applied in eight additional assessments on Oregon’s South Coast.

An outcome of these assessments was the establishment of the Partnership for Coastal Watersheds (PCW), a joint effort with the South Slough National Estuarine Research Reserve. The PCW convened a multi-stakeholder group and used the CBPA to revise the Coos Bay Estuary Management Plan. In addition, a multi-agency group led by the Wild Salmon Center has identified the CBPA as the preferred method for Coastal Watershed Councils, and the Oregon Department of Fish and Wildlife is considering requiring the CBPA for any project requesting state funding to restore Coho habitat on the coast.

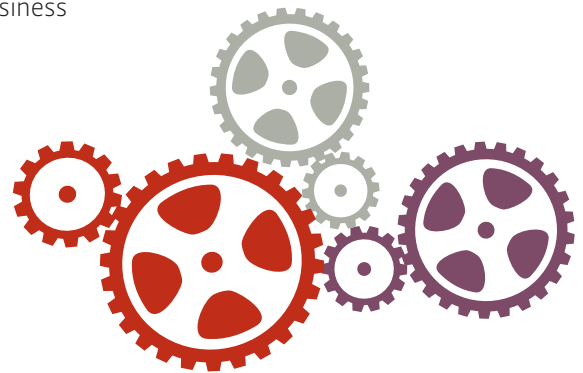
During 2016, Giannico and Souder hosted three workshops, which included 55 participants from 45 organizations in 10 states (and Korea). Many of these participants have requested additional training. International workshops were also conducted in the Netherlands, Spain, Czech Republic, Italy, and Mexico.

## THINKER TINKER TRAILER, THE COLLEGE OF BUSINESS MOBILE MAKERSPACE

- **Steven Miller** – Student (Senior), College of Business
- **Moriah Shay** – Student (Senior), College of Business
- **Lauren Caruso** – Program Manager - Student Engagement, College of Business
- **Maureen Hosty** – OSU Extension 4-H Youth Development and Leonard and Brenda Aplet Financial Literacy Endowed Professor, College of Public Health and Human Sciences
- **Dale McCauley** – Makerspace Manager, Student Engagement, College of Business
- **Mitzi Montoya** – Hart Kimball Dean, College of Business
- **Amy Neuman** – Program Manager, Student Engagement, College of Business

### Community Partners

- United Way
- Monroe School District
- Oregon State Credit Union
- Oregon Cascades West Council of Governments
- Santiam Christian School
- HELPS – Community Service Consortium



As College of Business juniors, Moriah Shay and Steven Miller brainstormed in their finance class project ideas that would combine their passion for social entrepreneurship, STEAM education, and community outreach. The result—a mobile makerspace called “Thinker Tinker Trailer”—won a national social venture competition, and garnered funding from their college, the OSU Women’s Giving Circle, the United Way, Oregon State Credit Union, and other community members.

The transportable trailer travels the state visiting high schools to teach kids about entrepreneurship and collaborative problem solving. It contains small-scale fabrication and design tools such as 3D printers, laser engravers, ink screen printers, vinyl cutters, and sewing machines. The goal is to spark the students’ creativity, help them develop new skills in innovation, and ultimately get them interested in going to college.

The model is replicable, scalable, and demand for their workshops is high, with visits to schools and 4-H programs around Oregon occurring as near as Albany and as far away as John Day. Moriah and Steven would like to replicate the program across the nation and multiply its impact in countless communities where students do not yet have access to today’s cutting-edge innovation tools.

## WARM SPRINGS STUDENT ALTERNATIVE BREAK PROGRAM

- **Beth Ann Beamer** – Family and Community Health Extension and County Leader, OSU Extension - Warm Springs
- **Emily Bowling** – Assistant Director, Student Leadership and Involvement
- **Rosanna Sanders** – EFNEP Nutrition Education Program Assistant, OSU Extension - Warm Springs

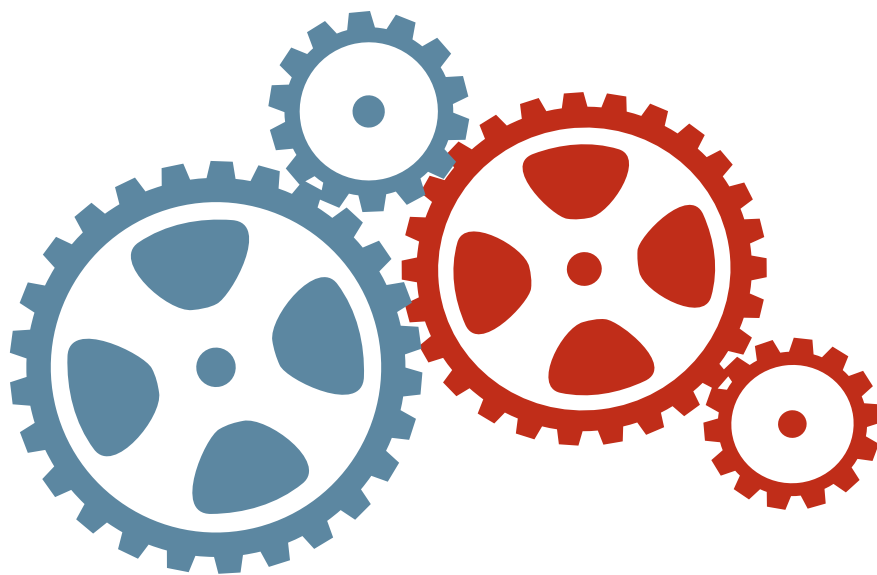
## Community Partners

- Museum at Warm Springs
- Warm Springs Health & Wellness Center
- Confederated Tribes of Warm Springs
- Warm Springs Culture & Heritage
- Warm Springs Power & Water Enterprises
- Warm Springs Police Department
- Frank Smith (Footer), Tribal Elder

Alternative Break trips are designed to meet various community needs while providing compelling learning and civic leadership development opportunities for students. In Warm Springs, from June 13 – 17, 2016, nine students and one staff member worked with the Warm Springs Extension office and community partners on various environmental, cultural, and health and well-being projects. The weeklong community-based learning trip is sponsored by OSU's Center for Civic Engagement. The result is transformational learning for OSU students.

The students participate in community-based service learning to gain increased cultural understanding and intercultural connections, complete projects that met community-identified needs and explore policy issues affecting the Warm Springs community. In total, the group contributed 78 service hours and participated in 176 educational hours. Projects included assisting in landscaping work, invasive species removal and, grass planting.

Cross-disciplinary educational sessions covered a wide range of topics including public health, ethnic studies, environmental science, and education. The group discovered factors affecting community health and well-being in Warm Springs by exploring elements of food sourcing, tribal ceremonies, community and cultural activities, and outdoor recreation. The group visited extensively with faculty and staff at the Warm Springs Extension office to learn about the role of OSU Extension in the Warm Springs community. Students also learned about native traditions, customs, and the history of the Warm Springs, Wasco and Paiute tribes and the Treaty of 1855. By spending time with tribal members, trip participants explored and learned about tribal customs and issues affecting tribal communities today through personal narrative and story sharing.





# Vice Provost Awards of Excellence: Honorable Mention Projects

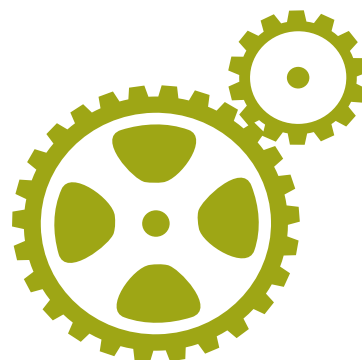


## 4-H URBAN-RURAL EXCHANGE – BRIDGING GREATER UNDERSTANDING AND AWARENESS OF URBAN-RURAL INTERDEPENDENCE

- **Maureen Hosty** – OSU Extension 4-H Youth Development and Leonard and Brenda Aplet Financial Literacy Endowed Professor, College of Public Health and Human Sciences
- **Deb Warnock** – 4-H Youth Development, Family and Community Health, SNAP-Ed, and Co-County Leader, OSU Extension – Wallowa County
- **John Williams** – Agriculture and Natural Resources Extension, OSU Extension – Wallowa County and Associate Professor, Animal and Rangeland Sciences, College of Agricultural Sciences
- **Amy Derby** – 4-H Youth Development, Agriculture Faculty, and County Leader, OSU Extension – Wheeler County
- **Shanna Northway** – 4-H Youth Development and Agriculture, OSU Extension – Grant County
- **Carol Waggoner** – Office Coordinator, OSU Extension – Grant County
- **Shana Withee** – Family and Community Health, 4-H Youth Development, Co-County Leader, International Youth Development, OSU Extension Service – Harney County

### Community Partners

- Sunnyside Environmental School
- Wallowa and Grant County Stock growers
- Big Sarvice Corral
- Public School Districts (Enterprise, Grant, Joseph, Portland, Wallowa)
- Service Creek Lodge and Stage Stop Twickenham School House
- Malheur Lumber Company



Oregon has long struggled to bridge the urban-rural divide. In 2005, a group of Portland middle school youth spoke out in defense of wolves at an Oregon Fish and Wildlife Hearing. Eastern Oregon ranchers stood up in protest. Out of this conflict, OSU Extension designed an annual program to bring urban and rural youth and families together for a week to help create a greater understanding, awareness, and appreciation for the interdependence of urban and rural Oregon. Since the program began in 2006, more than 35 five- to six-day exchanges have taken place and more than 430 Portland youth, teachers, and parents, and 535 rural 4-H family members have participated in the program.

Walls start to come down when Portland city kids spend a week living and working face-to-face with ranchers in Eastern Oregon. It is their experience of being on the land and walking in the shoes of their host family that youth begin to understand more deeply how and why Oregonians in many regions of the state live the way they do and to celebrate the differences and diversity in Grant, Gilliam, Harney, Klamath, Morrow, Multnomah, Wallowa and Wheeler Counties.

## CULINARY BREEDING NETWORK VARIETY SHOWCASE

- **Nick Andrews** – Extension Small Farms Educator, North Willamette Research and Extension Center (NWREC) and Senior Instructor, Horticulture, College of Agricultural Sciences
- **Patrick Hayes** – Professor, Barley Breeding and Products, Crop and Soil Science, College of Agricultural Sciences
- **James Myers** – Professor-Endowed, Vegetable Breeding and Genetics, Horticulture, College of Agricultural Sciences
- **Heidi Noordijk** – Education Program Assistant—Small Farms, OSU Extension, NWREC

- **Lane Selman** – Faculty Research Assistant, Horticulture, College of Agricultural Sciences
- **Alex Stone** – Extension Vegetable Crop Specialist, and Associate Professor, Horticulture, College of Agricultural Sciences

#### *Community Partners*

- Organically Grown Company
- Oregon Tilth
- The Sage Restaurant Group

To ensure success, organic farmers need varieties bred under organic conditions in order to select for traits including weed competitiveness, disease resistance, organic nutrient management and stress tolerance. Organic customers demand superior flavor and culinary attributes and have an appreciation for uniqueness, quality and novelty. Yet often seed companies do not consider the unique needs and preferences of organic farmers and their customers during the plant breeding process. The Culinary Breeding Network (CBN) created the Variety Showcase. The event brings chefs, farmers, produce buyers and other stakeholders into the plant breeding process. Attendees have the opportunity to taste commercially available cultivars, provide feedback on breeding populations, and exchange ideas and perspectives with breeders.

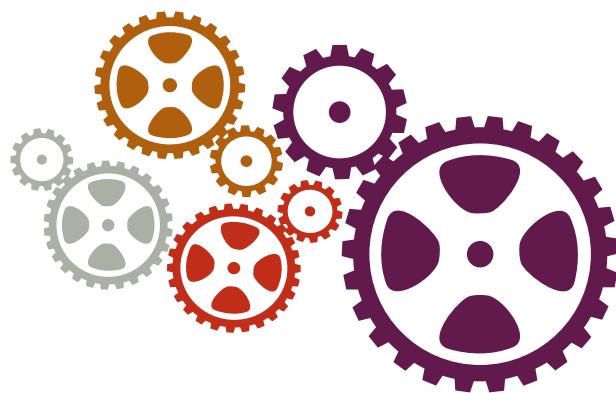
In the past two years, attendees have been exposed to more than 150 commercially available cultivars and 135 breeding lines of vegetables and grains. Seed companies report significant sales increases because of the events. Engaging with chefs and buyers through qualitative sensory evaluations like the Variety Showcase to assess cultivars and breeding lines sets this work apart from standard quantitative sensory panels.

## **ENVISION TILLAMOOK COASTAL FUTURES**

- **John Bolte** – Professor, Department Head, Biological and Ecological Engineering, College of Agricultural Sciences
- **Patrick Corcoran** – Extension Coastal Hazards Outreach Specialist, Oregon Sea Grant; County Leader, OSU Extension – Clatsop County; and Associate Professor, College of Earth, Ocean, and Atmospheric Sciences
- **Denise Lach** – Professor, Director, School of Public Policy, College of Liberal Arts
- **Peter Ruggiero** – Associate Professor, College of Earth, Ocean and Atmospheric Sciences
- **John Stevenson** – Regional Extension Climate Specialist, Oregon Climate Change Research Institute, Oregon Sea Grant
- Graduate students: **Katherine Serafin** (College of Earth, Ocean, and Atmospheric Sciences), **Eva Lipiec** (Oregon Sea Grant), **Alexis Mills** (College of Agricultural Sciences) and **Chad Zano** (College of Liberal Arts)

#### *Community Partners*

- Neskowin Coastal Hazards Committee
- Oregon Coastal Processes and Hazard Working Group
- Oregon Department of Land Conservation and Development
- Tillamook County Office of Planning
- Tillamook County Commissioners
- Tillamook County Director of Community Development
- Oregon State Parks
- Oregon Department of Transportation
- Community Advisory Committees
- City Managers and Mayors
- Property Owners and Developers



Initially funded jointly by NOAA's Coastal and Ocean Climate Applications (COCA) program and Oregon Sea Grant, Envision Tillamook became part of the research portfolio of the OSU-led Climate Impacts Research Consortium (CIRC) in 2011. Using the innovative ENVISION computer modeling platform developed by OSU professor John Bolte, CIRC (led by Peter Ruggiero and John Stevenson) worked with residents, planners, and government officials in Tillamook County to develop what amounted to a series of high-tech thought experiments. The thought experiments empowered community members to visualize how climate change and local planning could affect their natural and human landscapes.

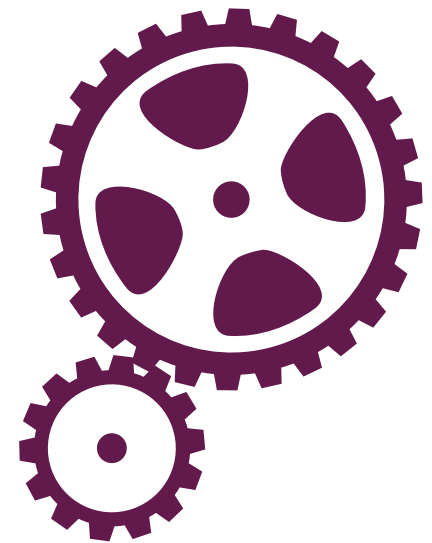
During these meetings, a series of probable future scenarios that mixed possible policy choices (from shoreline armoring to doing nothing at all) with climate projections (including rising sea levels and increasing wave heights) and local human impacts (including population projections and infrastructure growth to the year 2100). By combining all these factors in a series of differing combinations, residents in Tillamook County were able to glimpse how the policy choices they make now could help them as their landscape changes.

## OREGON PARENTING EDUCATION COLLABORATIVE

- **Shauna Tominey** – Assistant Professor of Practice, OSU Extension Family and Community Health, College of Public Health and Human Sciences
- **Michaella Sektan** – Senior Faculty Research Assistant, OSU Extension Family and Community Health, College of Public Health and Human Sciences
- **Karley Lewis** – Faculty Research Assistant, OSU Extension Family and Community Health, College of Public Health and Human Sciences
- **Kim Deck** – Family Research Assistant, OSU Extension Family and Community Health, College of Public Health and Human Sciences
- **Sally Bowman** – Associate Director, Family and Community Health Extension and SNAP-Ed Program Leader, OSU Extension

### *Community Partners*

- Clackamas Parenting Together (Clackamas County)
- Columbia Gorge Parenting Education Program (Hood River and Wasco Counties)
- LaneKids (Lane County)
- Marion and Polk Early Learning, Inc. (Marion County)
- Mid-Valley Parenting of Polk County (Polk and Yamhill Counties)
- Northeast Oregon Parent Education Hub (Wallowa, Baker, and Malheur Counties)
- Northwest Parenting (Clatsop, Columbia, and Tillamook Counties)
- Parenting Education Hub of Central Oregon (Deschutes, Crook, and Jefferson Counties)
- Parenting Success Network (Linn and Benton Counties)
- Parenting Together Washington County (Washington County)
- Pathways to Positive Parenting (Coos and Curry Counties)
- Siskiyou Parenting Hub Project (Siskiyou County, CA)
- Take Root (Douglas, Klamath, and Lake Counties)
- The Family Connection (Jackson and Josephine Counties)
- Union-Umatilla-Morrow Parent Education Collaborative (Umatilla, Morrow, and Union Counties)



The Oregon Parenting Education Collaborative (OPEC) is a partnership between four of Oregon's largest foundations (The Oregon Community Foundation, The Ford Family Foundation, Meyer Memorial Trust, and The Collins Foundation) and Oregon State University. The goal of OPEC is to increase awareness of and access to evidence-based parenting education programs for families with young children (prenatal to age six) throughout Oregon. With support from OPEC, 15 Parenting Education Hubs have been established, supporting parenting education in 27 counties in Oregon as well as Siskiyou County, California.

Through OPEC, 17,984 parents have participated in 20,167 classes as part of 1,950 multi-week parenting series. In addition, 6,270 new families have been reached through home visits, and 429,335 families have participated in 17,252 family programs. Families report significant improvement in parenting knowledge, skills, and behaviors as well as in their child's behavior after participating in OPEC programs.

OPEC Hubs have expanded community capacity to provide parenting education to families through training 974 facilitators across communities, leveraging \$19.5 million in new funds and in-kind support, and creating partnerships with the Department of Human Services, faith-based programs, schools, and Coordinated Care Organizations. Over the past six years, OPEC has had a significant impact on expanding parenting education in Oregon and is serving as a national model.

## WHAT WORKERS THINK: COMMUNICATION NEEDS ASSESSMENT FOR LATINO NURSERY WORKERS

- **Ariel Ginsburg** – Publishing Manager, Extension and Experiment Station Communications (EESC), University Outreach and Engagement
- **Dionisia Morales** – Publishing Manager, EESC, University Outreach and Engagement
- **Luisa Santamaria** – Extension plant pathologist for nursery crops and bilingual educator, North Willamette Research and Extension Center (NWREC) and Associate Professor, Botany and Plant Pathology, College of Agricultural Sciences
- **Gilbert Uribe** – Education Program Assistant, NWREC, now Pesticide Registration and Certification Specialist at the Oregon Department of Agriculture

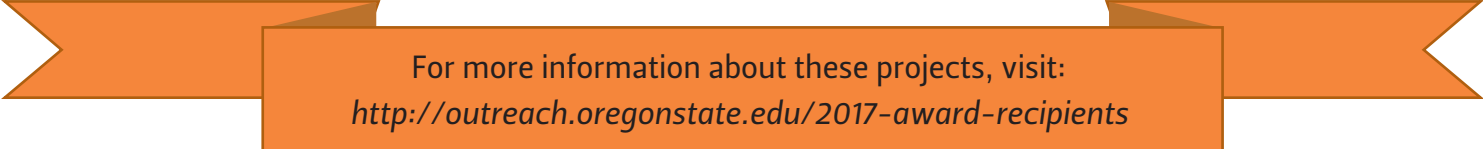
### *Community Partners Involved*

- Three focus groups involved 21 community members. An additional nine community members are anticipated to participate in the spring 2017 focus group.

Spanish-speaking workers make up most of the labor force in Oregon's horticulture industries, but few OSU Extension publications and multimedia materials are designed to meet their vocational and linguistic needs. Extension and Experiment Station Communications (EESC) translates some publications from the Extension catalog, but the choice of topics is not always well suited to horticultural workers. They are either too technical, written at too high a reading level, or require a computer to download and print.

Using a \$1,500 professional development grant from the Association for Communication Excellence, three focus groups were held (with a final one planned for the spring 2017) to ask workers directly about their needs and interests and how Extension can better support them. The focus groups were integrated into existing, employer-supported worker training events to maximize participation.

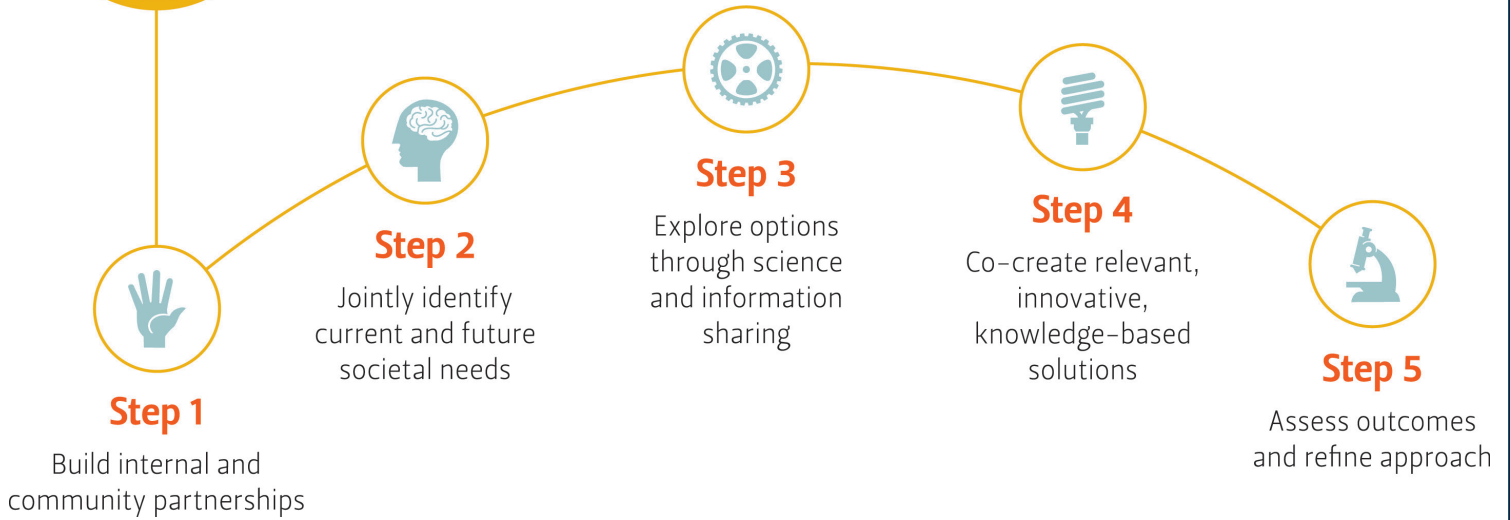
The findings (e.g., making more photo-rich content available on mobile devices and creating publications in which English and Spanish appear side-by-side) have already started to shift how EESC delivers translated content. An article for the Journal of Extension will be written and findings at conferences to make other Extension and communication specialists aware of the ways they can reach out and engage Latino community members.



For more information about these projects, visit:  
<http://outreach.oregonstate.edu/2017-award-recipients>

**WHAT WE DO**

OSU's Community Engagement Model



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