2016 Conference

Enhancing our Communities through Environmental Education

Conference Strands

♦ Community Science
♦ Creating Partnerships - Regional Collaboration Efforts
♦ Best Practices
♦ School Gardens and Farm-to-School
♦ Global Climate Change - A Local Look
♦ Staying Current with Existing/Emerging Standards/Legislation
♦ Technology and Environmental Education
♦ Special sessions:
  ♦ “Best of Bend” Field Trip;
  ♦ Sharing Nature With Children
  ♦ Storytelling with Susan Strauss

September 28th - 30th
Suttle Lake Camp, Sisters, Oregon

Lake photos: Gary Halvorson, Oregon State Archives
Thank you!

This conference would not be possible without the assistance and dedication of the following individuals and businesses. Feel free to express your gratitude.

Conference Planning Committee:

Gerard Gonzales, Board Liaison
Rick Reynolds, Sponsorship / Donations
Emily Anderson, Sponsorships / Donations
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Brooke Mueller, Planner
SOU's EE Cohort, Planners
SOREEL, Planners
Tory Kurtz, Planner
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Theresa Crain, EEA Office Administrator / Registrations / Web
Guy Wulfing, Celebration Dinner Emcee

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Wisdom of the Elders
Partners for Sustainable Schools

American Family Insurance
Wisdom of the Elders
NAYA Family Center
Center for Diversity and the Environment
Native American Youth & Family Center
Friends of Outdoor School
Wallowa Resources
Marsh Consulting
Oregon Zoo
The Intertwine
Sue Baker
Karl Gies
Pastore Family Trust
Amy Busch

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2016 EEAO Conference
Enhancing our Communities through Environmental Education

Your EEAO Board and Staff:
Amy Busch, Board Chair
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2016 Environmental Education Conference Presentations

Thursday, September 29th

Megan Kemple
Oregon Farm to School, School Garden Network

Audrey Tehan
Seed to Table Program

Karen Tassinari
Rogue Valley Farm to School

Thursday, September 29th, 9:15am - 10:45am
Connecting Students to the Natural World and Local Food Systems Through Farm-Based Education

Come learn about best practices to engage students in farm-based education. Presenters will share a variety of program models and educational activities including farm field trips and other farm-based education activities. We will also cover resources including technical assistance and training opportunities, funding, and existing curriculum.

Hands-on: Participate in a farm-based educational lesson teaching STEM concepts.

Diversity: We will cover best-practices in providing educational activities that are culturally appropriate for students served.
Thursday, September 29th, 9:15am - 10:45am
Inquiry, Exploration and Service Learning in the Sagebrush Ecosystem

Rick Reynolds
Engaging Every Student & ShareOregon

Angela L. Sitz
U.S. Fish and Wildlife Service

In collaboration, the U.S. Fish and Wildlife Services developed a new sagebrush ecosystem educational program to help teachers and student think critically about the sagebrush ecosystem found in Central and Eastern Oregon. Service learning and citizen science opportunities are woven throughout, helping students explore ways to protect this ecosystem and the diverse species living there. Through the compelling curriculum, lesson plans aligned to the NGSS and Common Core, the Sagebrush Ecosystem trunks, and other engaging resources, we seek to connect with the next generation of land stewards.

Hands-on: Engage in activities that take you through analyzing the current ecosystem to developing a wildlife restoration plan.

Diversity: Explore ways to connect all students with nature and form partnerships to better meet their needs.

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Thursday, September 29th, 9:15am - 10:45am
Why Watershed Education Works

Kolleen Miller
Upper Deschutes Watershed Council

Through an interdisciplinary approach, we guide students to connect to their watershed not just with science but also with art, writing, environmental exploration, and music. For the science-based components of our program, I share examples of the activities that allow students and teachers to accomplish Next Generation Science Standards. We will dive into some of the creative partnerships that can help create successful watershed education programs and enable students to participate in real-world, on-the-ground restoration.

Hands-on: Participate in well-loved hands-on learning watershed activities.

Diversity: We provide an inclusive approach to engaging a wide diversity of students with a variety of learning styles, interests, backgrounds, ethnicities, and socioeconomic status.

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Thursday, September 29th,
9:15am - 10:45am
Looking at the Environmental Education Materials: Guidelines for Excellence — Through the Lens of Diversity, Equity, and Inclusion

Traci Price
EEAO

Alison Heimowitz
Oregon Zoo

Queta González
Center for Diversity and the Environment

Elizabeth Schmitz
National Guidelines Trainers

Examine the National Environmental Education Materials: Guidelines for Excellence through the lens of diversity, equity and inclusion. Discuss how to integrate cultural awareness and sensitivity when developing and selecting environmental education materials. Explore examples of culturally sensitive materials and practice writing your own.

Hands-on: Participants use key criteria to evaluate lessons, report findings to the larger group and self-reflect.

Diversity: Discuss and provide written reflection/feedback about how to adapt materials to be more inclusive and/or reflective of participants’ local communities.

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Thursday, September 29th, 9:15am - 12:00pm
(Full session participation only, 9:15am - 12:00pm with break built in)

Sharing Nature With Children

Roy Simpson
Retired - NPS / BLM

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This Sharing Nature with Children workshop offers a unique way to explore the environment using guided activities and games to help you experience the natural beauty around you. Based on the work of educator/author Joseph Cornell (Sharing Nature with Children), participants learn by experiencing a number of hands-on activities that enhance a deep appreciation and love for nature. The simple activities can be easily reproduced and adapted to teach groups ranging in ages from young children to adults in a variety of settings and cultures.

**Hands-on:** The workshop will be completely hands-on as a nature experience, using activities from the various books authored by Joseph Cornell. Participants will receive handouts with instructions of how to implement learned activities and have the opportunity to purchase books.

**Diversity:** Joseph’s book, Sharing Nature with Children has been translated into 24 languages and is taught worldwide, uniquely adapted to individual participants and cultures.

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**Thursday, September 29th, 11:00am - 12:00pm**

*School Gardens as a Model for Natural Systems*

Elizabeth Goward  
School Garden Project of Lane County

Through direct field exploration and background information, you gain knowledge towards utilizing the outdoor classroom for science and environmental literacy. Explore cross-cutting concepts through the lens of decomposition; get hands-on with worms and other micro and macro invertebrates! Work both within a controlled environment and in the field to collect data, apply technology (iPads and Field Microscopes), make scientific observations and connect hands-on experiences to the 3-dimensional learning requirement of Next Generation Science.

**Hands-on:** Take species notes, record population counts, assess soil structure and soil moisture content in the field and in a garden/compost plot while exploring the concept of decomposition.

**Diversity:** Through conversation, you will consider your students’ specific learning needs, and tailor lessons and take-homes to best serve your own communities.

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**Thursday, September 29th, 11:00am - 12:00pm**

*When Education Needs a Partner: Stewardship, Culture and Science at the Sandy River Delta*

Bill Weiler  
Sandy River Basin Watershed Council

While featuring the Sandy River Delta Environmental Education Initiative, I emphasize the importance of programs providing multiple natural world opportunities (rather than just education) to your client groups (students, adults, families). This initiative Collaborative brings together environmental science, Native American cultural, art, and stewardship practices.

**Hands-on:** Participate in outdoor activities relating to the forest ecosystem.

**Diversity:** The Delta EE Program attracts a diversity of participants through partnerships and public outreach, and within the Sandy River Basin Watershed Council.

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**Thursday, September 29th, 11:00am - 12:00pm**

*Partner Up with Place-Based Learning*

Jenn Berry-O’Shea  
Powell Butte Community Charter School

Jennifer Mickelson  
USFS, Lookout Mountain Ranger District

Tory Kurtz  
USFS, Lookout Mountain Ranger District
Powell Butte Community Charter School and Ochoco National Forest spent three years developing a meaningful partnership that includes learning and service experiences for students (K-8). This long-term relationship benefits both organizations and serves as a model for place-based and experiential education in Crook County. Learn the ins and outs of developing strong partnerships, hands-on field experiences and service learning opportunities that are unique and mutually beneficial.

**Hands-on:** Engage in a model field experience with the activities aligned to NGSS for elementary and middle school.

**Diversity:** Ideas and activities incorporate a variety of instructional strategies allowing for a diversity of students to be successful.

**Thursday, September 29th, 11:00am - 12:00pm**

**Making the Connections: Forest Literacy, Environmental Literacy, STEM and Standards**

Norie Dimo-Ediger  
Oregon Forest Resources Institute

Rikki Heath  
Oregon Forest Resources Institute

Quality learning experiences steepen understanding and comprehension by using a variety of methods to engage learners. Explore and receive materials and resources that support age-appropriate conceptual learning of forest and environmental literacy concepts, including STEM and alignment to standards. Practice an activity as a group and then deconstruct ways that it supports forest and environmental literacy. Learn the best practices to blend concepts and content to enrich student learning.

**Hands-on:** Engage in a hands-on activity and work in small groups to reflect and debrief.

**Thursday, September 29th, 12:30pm - 1:30pm**

**Environmental Education in Oregon — It’s more than just science, right?**

Steven Braun  
Lane County STEM Hub

From 2011-2014 the Gray Family Foundation’s competitive grant program provided financial and evaluation support for 319 educational projects. The grant program had incredible impact, directly reaching nearly 80,000 people over four years. The primary types of projects were community field trips, outdoor school and teacher professional development. They consistently developed environmental literacy. Environmental literacy includes humanities, yet our instruction often focuses on physical and ecological sciences. Consider why. We’ll review four years of project evaluation reports from the Gray Family Foundation’s competitive grant program.

**Diversity:** Highlighting the efforts, results and difficulties of programs to incorporate diversity.

**Thursday, September 29th, 1:45pm - 2:45pm**

**Teaching Climate Change: Pressures and Practice in the Science Classroom**

Jenny Crayne  
Graduate, University of Oregon Environmental Studies, Master’s Program

What challenges and opportunities do Oregon science teachers face when it comes to teaching climate change in the classroom? How can they teach sound science, align with standards, and engage students over this sometimes tricky subject? This presentation will 1) Summarize the results of my own research, studying how middle school science teachers in Oregon approach the subject of climate change, and 2) Provide hands-on opportunities for participants to share their own experiences with teaching climate change, and workshop solutions to overcoming common challenges associated with this topic.

**Hands-on:** Following an icebreaker, we’ll break into small groups to share our experiences teaching climate change and workshop some of the challenges we’ve commonly experienced. Small groups will then report back and notes will be made available electronically for any of those who would like them.

**Diversity:** Universal design principles will be incorporated into the slides and I will remain conscientious of and manage micro-aggressions that threaten inclusion. Diversity and social justice will be subjects for conversation.
2016 Environmental Education Conference

Thursday, September 29th, 1:45pm - 2:45pm
Creating Pollinator Awareness through Community Science and Urban Pollinator Habitat

Bonnie Shoffner
Metro
Adriana Escobedo-Land
Green Lents

Monitoring pollinators in your outdoor spaces is a constructive community engagement and education tool. Green Lents and Portland Metro present case-studies using this pollinator monitoring tool in the Lent’s neighborhood of Portland. By utilizing the pollinator habitats in area parks, communities tap into resources for hands-on learning including monitoring protocols and species identification.

Hands-on: Practice monitoring protocol and pollinator identification.

Diversity: Green Lents and community partners offer youth leadership opportunities and community events in historically underserved, and diverse, outer southeast Portland.

Thursday, September 29th, 1:45pm - 2:45pm
Wildkin: Mobile App Gameplay for Nature Connection Communities

Alicia Kristen
Whole Earth
Nature School

Video games can provide immersive, challenging, community-based learning experiences that leave participants hungry for more. My game “Wildkin: deep nature connection” through a compelling quest-based format, is grounded in the growing 8 Shields/coyote mentoring outdoor education movement. Come transform learning outcomes into a game system that meets the needs of diverse learners, and learn about the technology tools that can make your game a reality.

Hands-on: Participants will learn how to transform a lesson into a game, and publish it. Small groups will work to explore how including a roleplaying game within their environmental education programming will allow for transformative play.

Diversity: I will cover the characters I created in my game to represent each roleplaying archetype and my effort to represent diverse ethnicities, family structures, disabilities, and genders. In addition, the discussion of the app I built will include a discussion of accessibility.

Thursday, September 29th, 1:45pm - 2:45pm
Field Science on your School Grounds

Tonya McLean
Lower Columbia Estuary Partnership
Samantha Dumont
Lower Columbia Estuary Partnership

Outdoor education promotes active learning and is a fun way for students to demonstrate critical thinking and collaboration. Explore ideas for making outdoor education a regular part of the schoolyear by using school grounds for inquiry-based science activities. Discuss overcoming potential barriers to getting outdoors and tips for successfully implementing field studies. Practice several outdoor science activities that integrate Next Generation Science Standards and Common Core State Standards for upper elementary grades.

Hands-on: Practice hands-on activities such as animal tracking, insect collecting and surveying; all aligned to the NGSS and Common Core Standards.

Diversity: We address diversity and inclusion with sensitivity to cultural differences and perceptions of the natural world. Suggestions provided will on how to make everyone feel comfortable in the outdoors.
Thursday, September 29th, 3:00pm - 4:30pm
NWF’s Climate Classroom and Eco-Schools USA

Morgan Parks
National Wildlife Federation

National Wildlife Federation’s Climate Classroom is a comprehensive resource for age-appropriate info and activities providing educators with tools to engage students in learning about and acting on climate change. NWF’s Eco-Schools USA also provides a framework to help educators integrate sustainable principles throughout their schools and curriculum. Through action teams of students, administrators, educators and community volunteers, Eco-Schools USA combines effective “green” management of school grounds, facilities and the curriculum through 10 broad pathways: Energy, Water, Sustainable Food, Climate Change, Biodiversity, Transportation, Schoolyard Habitats, Consumption and Waste, Healthy Living, Healthy Schools, and a co-certification with Oregon Green Schools.

Hands-on: Come explore our climate change audit and action plan activities with templates for use in the classroom or green team setting. A climate change bingo icebreaker will also be demonstrated.

Diversity: NWF champions the inclusion of diverse people, ideas, and communities to achieve the most resilient and sustainable solutions to challenges facing our environment and the people and wildlife dependent upon it.

Thursday, September 29th, 3:00pm - 4:30pm
An Introduction to 4-H Butterfly Wings and Oregon’s 4-H’s Free On-Line Interactive Entomology Resources

Virginia Bourdeau
Oregon State University, Extension 4-H

Robin Galloway
Linn Co. 4-H

Using the 4-H Project Butterfly Wings interactive website, participants look at common identifying features of butterflies and the common families of butterflies in Oregon. In addition, participants learn how to set up a butterfly study site and record and report data on the national website. Project Butterfly WINGS focuses on environmental science, citizen science and butterfly biology, identification, and monitoring.

Hands-on: Using 10 Samsung tablets, participants explore the interactive entomology tutorials and quiz programs posted on the OSU 4-H Extension Entomology website.

Diversity: The Extension Service offers its programs and materials equally to all people.

Thursday, September 29th, 3:00pm - 4:30pm
Integrating Data Collection Technology into Environmental Education

Colleen McDaniel
Vernier Software & Technology

Easily add technology to your environmental education program by using Vernier technology to collect data in the field. In this hands-on workshop you will learn how to use a variety of Vernier sensors and LabQuest 2, with its Data Matrix Mode and built-in GPS, to do field studies. After a quick overview of LabQuest 2 and how to use it, attendees will get outside to do their own field study using provided sensors. Equipment will be available for water quality testing along with measuring terrestrial parameters.

Hands-on: Participants will work in groups of two or three to collect data that is either water or terrestrial based. A digital microscope will be used look at soil and leaves.
As Oregon communities become more ethnically and socially diverse, our practice as educators must evolve to incorporate different ways of viewing the natural world. But first we must understand where we come from and our own privilege. Join us as we begin this exploration of what is means to be a White environmental educator and ally to students from all backgrounds.

**Hands-on:** We’ll incorporate multiple learning modalities including physical movement and small group interactions with our participants.

**Diversity:** Address diversity and inclusion in deep and authentic ways.

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**Friday, September 30th**

**Friday, September 30th, 8:15am - 8:45am**

*Breakfast Presentation: EEAO, OELP, OOECD; Plus: OELP - Where are we now?*

**Jenna Mendenhall**  
Oregon Environmental Literacy Program

A general information session about the statewide organizations working on moving environmental education, environmental literacy, and outdoor education forward: Environmental Education Association of Oregon (EEAO), Oregon Environmental Literacy Program (OELP), and Oregon Outdoor Education Coalition (OOEC).

**Diversity:** Partner organizations work to ensure that the OELP is incorporating diversity and inclusiveness.

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**Friday, September 30th, 9:15am - 10:30am**

*Workshop on Climate Change Basics*

**Alan R.P. Journet, Ph.D.**  
Southern Oregon  
Climate Action Now

**Kathleen D Conway, Ph.D.**  
Southern Oregon  
Climate Action Now

Climate change is not only among the top issues confronting humanity, it is also now a critical component of the Next Generation Science Standards adopted by Oregon. It is essential, then, that educators at all grade levels be reasonably well versed in the basic climate science and able to introduce and discuss it in an appropriate way to the grade levels for which they are responsible. We will relate the content to relevant, grade-specific K – 12 NGSS. Come build your understanding of fundamental climate science principles and confidence in teaching them.

**Hands-on:** In groups of or five, participants will assemble a cartoon story from images we give them that depicts the basic global warming explanation.

**Diversity:** The Oregon Legislative District Summaries identify which human communities in each district are the most vulnerable to climate trends. These often include Native Americans, Agricultural and Forestry (migrant) workers, and those for whom English is either non-existent or a second language.
Karen Munday
Tualatin Hills Park & Recreation District

Curious about starting your own nature-based preschool? Want to know best practices for establishing and growing a nature-based preschool at your site? Hear lessons learned, resources available and best practices. We'll discuss curriculum, staffing, and community-building to get you started on creating or expanding your preschool and turn cool idea into, wow, reality!

**Hands-on:** Similar to a day in our nature-based preschool, we'll include a gathering activity, and outdoor exploration time that incorporates questioning and small group brainstorming/reflection.

**Diversity:** We'll cover community-building, strategies for classroom management, Kindergarten readiness and techniques for including all participants.

Austin Miller
Oregon Agriculture
in the Classroom

Bridging the gap between traditional education and the environment, we work with teachers and schools to provide professional development opportunities, free resources, and hands-on activities - all with little to no cost. Our library consists of garden and farm resources to supplement existing programs in schools or to start the conversation about developing further projects. Tap into the hundreds of resources available.

**Hands-on:** Explore a variety of our different lesson plans, looking at how they tie into environmental literacy and meet curriculum requirements.

**Diversity:** By fostering an environment free of barriers we recognize the diverse skills, talents and perspectives of students and teachers across the state and how they are able to serve the diverse audience in Oregon.

Susan Strauss
Storyteller, Keynote Speaker,
Workshop Teacher & Author

**Part 1 - Presentation:** In this introductory presentation, participants will discover the essential elements of storytelling - how various types of story from anecdote to ancient myth can be used to support scientific concepts of wolf ecology, water cycle, photosynthesis and forest ecology. Discover what in Story makes us listen and makes information easier to remember. Sample story from Forest Service and National Park Service projects will show how different stories can work for different ages and situations.

**Hands-on: Part 2 - Field Experience:** Participants will refine a personal experience through a process of telling with partners, creative forms of feedback and playful activities to develop their capacity to speak in story. This process is designed to enhance the skills of even the shyest person and result in a polished anecdote ready for public sharing.
We’ll kick off our conference with a Welcome Reception. Wine, cheese and other healthy options will be available. Come network, enjoy a beverage, visit our information tables, tour the camp, or engage in an activity with new friends!

**Wednesday, September 28th, 7:15pm - 8:15pm, Pioneer Lodge - Down**

**After-Dinner Keynote Address:** Building a Framework for Inclusive Environmental Education In the Portland-Metro Region

Environmental Education is uniquely poised to convene diverse stakeholders around issues that impact them most, and facilitate communities in pursuit of health and sustainability. This regional project coalesces two historically divided communities, mainstream environmental education professionals and Communities of Color and low income, to build an inclusive environmental movement through transformation of the current paradigm and practice of conventional environmental education. It is only by coming together, listening to different perspectives, and co-creating a shared vision for our future that we will all thrive.

**Hands-on:** Enjoy an interactive overview of the project encouraging you to discover ways to integrate a similar process of relationship building and inclusive environmental education in your own region.

**Diversity:** Building a more inclusive environmental movement through environmental education, this project contributes to a paradigm shift leading to real and lasting impact.

**Wednesday, September 28th, 8:30pm - 9:30pm, Pioneer Lodge - Down**

2017 Solar Eclipse over Oregon; followed by Star Party and Campfire

In August 2017, Detroit Lake State Park will be in the direct path of totality for the Solar Eclipse. As the park's interpretive naturalist and a member of the Astronomical Society of the Pacific since 2010, I am preparing to teach visitors and educators on this major event through inspiration and guidance. Educators can be equipped with knowledge and tools so they, too, can explain this natural phenomenon. We will not have another solar eclipse on the west coast until 2045.
## 2016 Environmental Education Conference

### Wednesday, September 28th

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Size</th>
<th>Presenter(s)</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00-6:00pm</td>
<td>Wesley</td>
<td>All</td>
<td>Reception: Table presentations, sponsor tables, networking, orientation hikes.</td>
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</tr>
<tr>
<td>6:00-7:00pm</td>
<td>Pioneer - Up</td>
<td>All</td>
<td>Dinner / Welcome</td>
<td></td>
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<tr>
<td>7:15-8:15pm</td>
<td>Pioneer - Down</td>
<td>All</td>
<td>Traci Price, Cary Watters, Queta González</td>
<td><strong>Keynote Address: Building a Framework for Inclusive Environmental Education in the Portland-Metro Region</strong></td>
</tr>
<tr>
<td>8:30-9:30pm</td>
<td>Pioneer - Down, then outside</td>
<td>All</td>
<td>Jennifer Godfrey</td>
<td>2017 Solar Eclipse over Oregon; followed by Star Party Table displays, vinyl panels, video images, A/v Presentation.</td>
</tr>
<tr>
<td>9:30-10:30pm</td>
<td>Late-night Options: Campfire / Movie</td>
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<tr>
<td>11:00pm - 7:00am</td>
<td>Quiet Hours</td>
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### Thursday am, September 29th

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Size</th>
<th>Presenter(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>7:00-7:45am</td>
<td>Various</td>
<td>All</td>
<td>Recreational Activities</td>
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<tr>
<td>8:00-9:00am</td>
<td>Pioneer - Up</td>
<td>All</td>
<td>Breakfast / Welcome Classroom Teachers</td>
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<tr>
<td>9:15-10:45am</td>
<td>Pioneer - Down</td>
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<td>Megan Kemple, Audrey Tehan, Karen Tassinari</td>
<td>Connecting Students to the Natural World and Local Food Systems Through Farm-Based Education</td>
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<td>Rick Reynolds &amp; Angela Sitz</td>
<td>Inquiry, Exploration and Service Learning in the Sagebrush Ecosystem</td>
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<td>9:15-10:45am</td>
<td>Wesley</td>
<td>30</td>
<td>Kolleen Miller</td>
<td>Why Watershed Education Works</td>
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<tr>
<td>9:15-10:45am</td>
<td>Meet at camp bell</td>
<td>40</td>
<td>E. Schmitz, A. Heimowitz, T. Price, Q. González</td>
<td>Looking at the Environmental Education Materials: Guidelines for Excellence — Through the Lens of Diversity, Equity, and Inclusion</td>
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<tr>
<td>9:15-10:45am</td>
<td>Outside - Upper Field, then Trail</td>
<td>20</td>
<td>Roy Simpson</td>
<td>Sharing Nature With Children (Full session participation only, 9:15am - 12pm with break built in)</td>
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<tr>
<td>10:45-11:00am</td>
<td>Break</td>
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<tr>
<td>11:00-12:00pm</td>
<td>Pioneer - Down, then outside</td>
<td>25</td>
<td>Elizabeth Coward</td>
<td>School Gardens as a Model for Natural Systems</td>
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<tr>
<td>11:00-12:00pm</td>
<td>Pioneer - Up, then outside</td>
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<td>Bill Weiler</td>
<td>When Education Needs a Partner: Stewardship, Culture, and Science at the Sandy River Delta</td>
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<tr>
<td>11:00-12:00pm</td>
<td>Meet at camp bell, then Lake Creek</td>
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<td>J. Berry-O’Shea, J. Mickelson, T. Kurtz</td>
<td>Partner Up with Place-Based Learning</td>
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<td>11:00-12:00pm</td>
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<td>Norie Dimaggio-Ediger, Rikki Heath</td>
<td>Making the Connections: Forest Literacy, Environmental Literacy, STEM and Standards</td>
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<tr>
<td>12:00-1:30pm</td>
<td>Pioneer - Up</td>
<td>All</td>
<td>Lunch and Choice of Activities / After-lunch Presentation (see directly below)</td>
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<tr>
<td>12:30-1:30pm</td>
<td>Wesley</td>
<td>70</td>
<td>Steve &amp; Braun</td>
<td>Environmental Education in Oregon — It’s more than just science, right?</td>
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<tr>
<td>1:45-2:45pm</td>
<td>Wesley</td>
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<td>Jenny Crayne</td>
<td>Teaching Climate Change: Pressures and Practice in the Science Classroom</td>
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<td>1:45-2:45pm</td>
<td>Pioneer - Up</td>
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<td>Bonnie Shoffner &amp; Adriana Escobedo-Land</td>
<td>Creating Pollinator Awareness through Community Science and Urban Pollinator Habitat</td>
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<td>1:45-2:45pm</td>
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<td></td>
<td>Alicia Kristen</td>
<td>Wildkin: Mobile App Gameplay for Nature Connection Communities</td>
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<tr>
<td>1:45-2:45pm</td>
<td>Meet at camp bell</td>
<td>30</td>
<td>Tonya McLean &amp; Samantha Dumont</td>
<td>Field Science on your School Grounds</td>
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<tr>
<td>1:45-2:45pm</td>
<td>Meet at Welcome Ctr</td>
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<td>Field Trip</td>
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<tr>
<td>2:45-3:00pm</td>
<td>Break</td>
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<td>Morgan Parks</td>
<td>NWF’s Climate Classroom and Eco-Schools USA</td>
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<td>3:00-4:30pm</td>
<td>Wesley</td>
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<td>Virginia Bourdeau &amp; Robin Galloway</td>
<td>An Introduction to 4-H Butterfly Wings and Oregon’s 4-H’s Free On-Line Interactive Entomology Resources</td>
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<tr>
<td>3:00-4:30pm</td>
<td>Pioneer - Up</td>
<td>12 - 16</td>
<td>Colleen McDaniel</td>
<td>Integrating Data Collection Technology into Environmental Education</td>
</tr>
<tr>
<td>3:00-4:30pm</td>
<td>Pioneer - Down</td>
<td>20</td>
<td>Traci Price, Jenna Mendenhall, Jenny De la Hoz</td>
<td>Engaging Diverse Communities by Examining Privilege</td>
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<tr>
<td>3:00-4:30pm</td>
<td>Wesley Deck</td>
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<tr>
<td>3:00-4:30pm</td>
<td>Meet at Welcome Ctr</td>
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<td>Field Trip</td>
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<td>4:30-5:30pm</td>
<td>Free Time</td>
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<tr>
<td>5:30-9:30pm</td>
<td>Celebration Dinner Featuring “Best of Bend” Panel Presentation and Storytelling by Susan Strauss</td>
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<tr>
<td>8:00 - 9:00</td>
<td>Black Butte Ranch</td>
<td>All</td>
<td>Katie Chipko, Erin Bennett, Diane Hodiak</td>
<td>Children’s Forest: A Model for Regional Collaboration in Central Oregon; How Schools Can Create Excellence in State Agencies; Climate-Friendly Living: Champions of Central Oregon</td>
</tr>
<tr>
<td>9:10 - 9:25</td>
<td>Black Butte Ranch</td>
<td>All</td>
<td>Susan Strauss</td>
<td>Storytelling Performance</td>
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<tr>
<td>9:30-10:30pm</td>
<td>Late-night Options: Campfire / Movie</td>
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<tr>
<td>11:00pm - 7:00am</td>
<td>Quiet Hours</td>
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</table>
# 2016 Environmental Education Conference

**Friday, September 30th**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Size</th>
<th>Presenter(s)</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>7:00-7:45am</td>
<td>Recreation Activities</td>
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<td></td>
<td>Breakfast and Short Talk by Jenna Mendenhall (see directly below)</td>
</tr>
<tr>
<td>8:00-9:00am</td>
<td>Pioneer - Up</td>
<td></td>
<td>Jenna Mendenhall</td>
<td>&quot;EEAO, OELP, OOEC; Plus: OELP - Where are we now?&quot;</td>
</tr>
<tr>
<td>8:15-8:45am</td>
<td>Pioneer - Up</td>
<td>All</td>
<td>Jenna Mendenhall</td>
<td>Workshop on Climate Change Basics</td>
</tr>
<tr>
<td>9:15-10:30am</td>
<td>Pioneer - Up</td>
<td>20</td>
<td>Alan Journet &amp; Kathleen Conway</td>
<td>From Seed to Tree: Grow your Nature-based Preschool Program</td>
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<tr>
<td>9:15-10:30am</td>
<td>Pioneer - Down</td>
<td></td>
<td>Karen Munday</td>
<td>Oregon Agriculture in the Classroom: Tools and resources to implement natural resource, environmental, and agricultural education through existing curriculum.</td>
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<tr>
<td>9:15-10:30am</td>
<td>Wesley and Deck</td>
<td></td>
<td>Austin Miller</td>
<td>The Passionate Fact: Storytelling Science - Part 1: Presentation</td>
</tr>
<tr>
<td>9:15-10:30am</td>
<td>Meet at camp bell</td>
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<td>Susan Strauss</td>
<td>The Passionate Fact: Storytelling Science - Part 2: Field Experience</td>
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<tr>
<td>10:30-10:45am</td>
<td>Break</td>
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<tr>
<td>10:45am-12:15pm</td>
<td>Wesley</td>
<td></td>
<td>Bora Simmons</td>
<td>Engaging People in Civic Deliberations on Climate Change; <strong>Plus:</strong> All Climate Change Presenters Panel</td>
</tr>
<tr>
<td>10:45am-12:15pm</td>
<td>Pioneer - Down</td>
<td></td>
<td>Norie Dimeo-Ediger &amp; LeeAnn Mikkelsen</td>
<td>Make a Positive Impact Through Outcomes and Logic Models</td>
</tr>
<tr>
<td>10:45am-12:15pm</td>
<td>Pioneer - Up</td>
<td>25-50</td>
<td>Djamila Moore</td>
<td>Supporting Cultural Competency, Diversity, and Equity in the School Garden</td>
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<tr>
<td>10:45am-12:15pm</td>
<td>Meet at camp bell</td>
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<td>Susan Strauss</td>
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<tr>
<td>12:15-12:45pm</td>
<td>Empty and straighten cabins</td>
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<tr>
<td>12:45-2:00pm</td>
<td>Lunch and wrap up</td>
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**Conference key**

- School Gardens and Farm-to-School
- Community Science
- Creating Partnerships - Regional Collaboration Efforts
- Keeping Current with Existing / Emerging Standards / Legislation
- Supporting Cultural Competency, Diversity, and Equity in the School Garden
- Best Practices
- Global Climate Change - A Local Look
- Technology and Environmental Education
- Field Trip or Special Offering
- Meal, Break, Other

Lake photos: Gary Halvorson, Oregon State Archives
Friday, September 30th, 10:45am - 12:15pm
Engaging People in Civic Deliberations on Climate Change
Plus: All Climate Change Presenters Panel

Bora Simmons
National Project for Excellence in Environmental Education

Climate change, drought, energy, biodiversity.... How can we facilitate civic deliberation about controversial issues like these? Kettering Foundation and NAAEE created the Environmental Issues Forums (EIF) to promote public and classroom deliberation on important issues such as climate change. With productive civic engagement, people weigh options and discover common ground for action. Come learn about the new EIF discussion guides, training, and research efforts.

Hands-on: Participants will be engaged in discussion about how EIF (Environmental Issues Forums) can be used to encourage deliberation and civic discussions. Following her presentation, Bora will moderate a panel which will include all of the conference Climate Change strand presenters.

Friday, September 30th, 10:45pm - 1:15pm
Make a Positive Impact Through Outcomes and Logic Models

Norie Dimeo-Ediger
Oregon Forest Resources Institute

In this introductory session we will clarify terminology and look at logic models as a tool for organizing the pieces and parts of our programming to ensure we are prepared to meet the outcome(s). Through hands-on and interactive session will explore outcomes and logic models through everyday activities and then dive deeper as we use samples of our own programs to practice writing outcomes and using a logic model. To get the most our of this presentation, come prepared with a sample agenda, an outline of a program you deliver, or a grant you want to write.

Hands-on: Addressing learning differences and employing a strategy for engaging all learners, facilitators will guide participants as they engage in individual and group brainstorming, discussions, building content knowledge, practice and application, and planning.

Diversity: This session will model diversity and inclusion through session set up and delivery.

Friday, September 30th, 10:45pm - 1:15pm
Supporting Cultural Competency, Diversity, and Equity in the School Garden

Djamila Moore
Earth Art Ag

School Garden Education integrates place-based education, academic achievement, health and wellness, and community building. Learn culturally competent practices to engage diverse youth and ensure that garden education is equitable and meaningful for all students. Through dialogue, small groups, and hands-on activities, this workshop will build a repertoire of culturally sensitive garden-based activities and pedagogies while facilitating a critical conversation around the need to contextualize all environmental education.

Hands-on: Explore hands-on activities that engage all senses and support the Multiple Intelligences theory.

Diversity: I will highlight ways to adapt school garden education for diverse communities by practicing child-centered, experiential, Growth Mindset techniques.
Farm-to-School and School Gardens

Thursday, 9:15am - 10:45am
Connecting Students to the Natural World and Local Food Systems Through Farm-based Education

Megan Kemple is the former Farm to School Program Director for Willamette Farm and Food Coalition and currently serves as Managing Director for the Oregon Farm to School and School Garden Network. Megan has ten years of experience directing a local farm to school program in Lane County and is now supporting programs state-wide.

Karen Tassinari has been sharing her love and enthusiasm for the plant world with children on farms, at place-based environmental education programs, in the woods, camp, and digging in the dirt with school garden programs since she arrived in southern Oregon in 2008. She has worked in farm and garden education with Rogue Valley Farm to School and environmental education through different grant funded programs in southern Oregon and with a California based group, FieldGuides. Currently, Karen is serving her second year as a FoodCorps service member with Rogue Valley Farm to School.

Audrey Tehan is the founder and current director of the Seed to Table Farm and Program. Inviting kids in education beyond the classroom has been at the forefront of Audrey’s focus as she has worked with kids and adults in experiential education for the past five years. She is excited to be serving her community in this way and looks forward to connecting with you across a row of veggies in the garden!

Friday, 10:45am - 12:15pm
Making Garden Education Equitable and Meaningful

Djamil Moore Djamil's eight years of experience teaching in gardens, farms, and forests, includes the Brooklyn Botanic Garden (NYC) where she received her Horticulture Certificate, and the UBC Farm (Vancouver, B.C.), where she earned her MA in Science Education. Her work in Portland school gardens includes two years as the Garden Educator at Abernethy Elementary School, and most recently at four public schools in the Portland area as the Education Director of Earth Art Ag, a non-profit that teaches academically-supported, experiential, garden education to diverse urban youth. Djamil has also worked for Portland Parks & Recreation Environmental Education as a naturalist, nature camp director, and leader of the Youth Conservation Crew. Djamil is most passionate about making environmental education accessible, equitable, and meaningful to diverse communities. She blogs at: radiclearning.wordpress.com

Community Science

Thursday, 9:15am - 10:45am
Inquiry, Exploration and Service Learning in the Sagebrush Ecosystem

Rick Reynolds has been an educator and developer of educational resources for over 20 years. He started his career as a passionate K-12 teacher, and now creates curriculum, multimedia content, and web-based resources for clients such as the U.S. Fish & Wildlife Service, SOLVE, and PBS. He has authored a number of books, including “The EverGreen Twins Activity Book,” “Marco the Molecule,” and SOLVE’s “Environmental Service Learning” curriculum. Inspired to help all ages connect with nature, he has served on the EEAO Board since 2009. He and his wife Krista live in Portland and enjoy hiking, biking, gardening, tennis, and spending time with family and friends.

Friday, 9:15am - 10:30am
Oregon Agriculture in the Classroom: Tools and resources to implement natural resource, environmental, and agricultural education through existing curriculum.

Austin Miller connects the programs of Oregon Agriculture in the Classroom with the people that make them happen.
Community Science, continued

watching her children’s sporting events, and hiking, hunting, and fishing with her family.

Thursday, 11:00am - 12:00pm

When Education Needs a Partner: Stewardship, Culture, and Science at the Sandy River Delta

Bill Weiler is the Habitat Restoration Coordinator for the Sandy River Basin Watershed Council, and founder of the Columbia Gorge Ecology Institute based in Hood River. Weiler has written and published three books:

- Don’t Run from Bears: SECRETS of the Shrub Steppe Ecosystem
- The Earth Speaks

His blog site is William Weiler Stewardship.

Thursday, 1:45pm - 2:45pm

Creating Pollinator Awareness through Community Science and Urban Pollinator Habitat

Adriana Escobedo-Land is a 2016 Confluence AmeriCorps Fellow, serving as the Pollinator Habitat Coordinator for a community-based nonprofit in Portland called Green Lents. She has a Bachelor’s in Biology-Environmental Studies from Reed College. She focused on Pacific Northwest ecology in her coursework and studied cyanobacterial communities in research projects at the OSU North Willamette Research & Extension Center and Reed College. She has volunteered as a lesson plan developer for the Tualatin Soil and Water Conservation District and a field trip educator with Zenger Farm.

Bonnie Shoffner has been working with volunteers at Metro doing habitat restoration projects in natural areas for nine years with a focus on hands on service learning. She has 15 plus years of experience in volunteer management working with nonprofits and government agencies. As an informal environmental educator, she has worked with a wide age range of students for over a decade. She is focusing much of her environmental education on habitat enrichment, especially for wildlife and pollinators. She has working with students to learn about pollinators for the last three years. Her personal specialty is working with wildlife.

Thursday, 3:00pm - 4:30pm

An Introduction to 4-H Butterfly Wings and Oregon’s 4-H’s Free On-Line Interactive Entomology Resources

Virginia Bourdeau is a Professor in the OSU College of Health and Human Sciences and a 4-H Youth Development Specialist in the Extension Service. She provides state-wide leadership and curriculum development for the 4-H natural science, science, technology, horticulture and resident camping programs. Bourdeau has authored or co-authored eight 4-H curriculum guides. Topics include forestry, insects, pond ecology, the water cycle, watersheds, marine science, and Earth science. She is currently reinventing 4-H project materials into on-line interactive tutorials and quiz programs. Bourdeau received the National Science Teachers Association’s Distinguished Informal Science Educator Award in 2014.

Robin Galloway: 4-H Youth Development Faculty with OSU Extension in Linn County. She’s specialized in natural resource education, striving to teach youth and adults the wonders of our natural world and animals. Robin advises others to live her motto: “Life’s Short – Ride Hard!”

Thursday, 5:30pm - 9:30pm

Celebration Dinner

“Best of Bend” Panel Presentation: How Schools Create Excellence in State Agencies

Erin Bennett was born and raised in the San Francisco Bay Area. She majored in horticulture at the College of San Mateo and is currently working to complete her BS in Natural Resources at Oregon State University. She started working for the City of Palo Alto, CA, Open Space District in 1995. She is a certified interpretive guide (CIG) through the National Association of Interpretation. She was hired by Oregon State Parks in 2010. She’s currently the lead interpretive ranger for The Cove Palisades State Park.

Creating Partnerships

Regional Collaboration Efforts

Thursday, 9:15am - 10:45am

Why Watershed Education Works

Kolleen Miller is the Education Director for the Upper Deschutes Watershed Council and has led environmental education courses for educators, community leaders, and students throughout Alaska, Washington, and Oregon for over 18 years. She directed watershed education programs with the Alaska Center for the Environment prior to joining the Upper Deschutes Watershed Council in Bend in 2002. She received her Bachelor of Arts in English from the University of California, Santa Barbara and her Master of Arts in English Studies with an emphasis in Environmental Analysis from Western Washington University. With a background in environmental writing, watershed curricula development, and environmental education delivery, she created the education program for the Watershed Council in 2005 and has been coordinating interdisciplinary place-based education for approximately 3,000 local students each year.

Thursday, 11:00am - 12:00pm

Partner Up with Place-Based Learning

Jenn Berry-O’Shea is the administrator at Powell Butte Community Charter School in Crook County. Jenn has been an educator for 15 years, working in residential outdoor education, museum education and in the public school classroom. She has been at Powell Butte Community Charter School for the past six years, working to build and grow their place-based education program through strong community partnerships and integrated curriculum models. She is strongly committed to place-based and community-based learning, as it relates to natural resources and conservation.

Jennifer Mickelson has been a Fisheries Biologist on the Lookout Mountain Ranger District and Crooked River National Grassland of the Ochoco National Forest since 2013. Previously, she served as Fisheries Biologist on the Lolo National Forest in Montana. She graduated from the University of Montana with a B.S. in wildlife biology.
Creating Partnerships, continued

with an aquatic emphasis. She has worked for the Forest Service since 2002. She also sits on the board for the Middle Deschutes Watershed Council. She has a deep passion for natural resources and caring for the land and serving the people. She has been involved with conservation education in Crook County schools, Powell Butte Community Charter School and Culver High School.

Tory Kurtz: Tory Kurtz is a Rangeland Management Specialist on the Lookout Mountain Ranger District and Crooked River National Grassland of the Ochoco National Forest since 2001. She graduated from Oregon State University with a B.S. in Natural Resource Management. She is also on the board for the Children’s Forest of Central Oregon. She has been helping schools and other partners deliver conservation education programs throughout Central Oregon and has a real passion for natural resource education.

Thursday, 5:30pm - 9:30pm
Celebration Dinner
“Best of Bend” Panel Presentation: Children’s Forest: A Model for Regional Collaboration in Central Oregon

Katie Chipko is Executive Director of the Children’s Forest of Central Oregon in Bend, OR. She has been with the Children’s Forest since 2012. Previously, she worked as Program Coordinator at North Cascades Institute in northern Washington, coordinating adult and youth environmental education programs in North Cascades National Park. She spent three years working as a naturalist, leading environmental education programs at Opal Creek Ancient Forest Center and North Cascades Institute. She received her B.A. in Biology and Geography from the University of Colorado.

Keeping Current with
Existing/Emerging Standards & Legislation

Thursday, 9:15am - 10:45am
Looking at the Environmental Education Materials: Guidelines for Excellence — Through the Lens of Diversity, Equity, and Inclusion

Elizabeth Schmitz: Born and raised in Portland, Elizabeth Schmitz is returning to the Pacific Northwest after 14 years in Kentucky. During those years, she helped start a farmer’s market, earned a Master’s degree in Science from Western Kentucky University, served as the environmental education specialist for the Kentucky Division for Air Quality and executive director of the Kentucky Environmental Education Council, served on the board of the Kentucky Association for Environmental Education, and joined the Trainers Bureau for the National Project for Excellence in Environmental Education. Before moving to Kentucky, she taught at outdoor schools in Oregon and California.

Alison Heimowitz: Trained in the fields of psychology, wildlife biology and science education, Alison Heimowitz brings her passion for the natural world to people through her work in informal environmental education at the Oregon Zoo. Interested in cultural transformation, she seeks to create experiences that deepen people’s connection to the natural world. She enjoys building partnerships and is an advocate for social justice. She is a member of the Trainers Bureau for the National Project for Excellence in Environmental Education, Environmental Education Association of Oregon’s Board of Directors, Oregon’s Environmental Literacy Program Council, and the North American Association for Environmental Education’s Accreditation Task Force.

Traci Price has worked on policy, strategy, and coalition building to advance inclusive environmental education. She spearheaded the Oregon Child Left Inside Act and oversaw the development of The Oregon Environmental Literacy Plan. She is currently working as a consultant on projects at the intersection of education, environment and racial justice with EEOA, Center for Diversity and the Environment, and the Multicultural Collaborative. She is a nature lover, relationship builder and advocate for systems change.

Queta González believes that our differences make us stronger. A deep resonance with family, community, learning, service and compassion underpin both her life and work. Her commitment to social, environmental and economic justice began in her youth and has been growing and evolving ever since. A seasoned professional, she has been training, facilitating and coaching people in Fortune 500 companies, non-profit organizations, government, and small businesses for over twenty years. She has developed and delivered trainings across a myriad of cultures and worked in partnership with a variety of organizations.

Thursday, 11:00am - 12:00pm
Making the Connections: Forest Literacy, Environmental Literacy, STEM and Standards

Norie Dimeo-Ediger has worked in education for more than 20 years and is a licensed teacher in Oregon. As director of K-12 education programs, Norie leads and coordinates K-12 teacher professional development for OFRI. She has master’s degrees in both science education and adult education.

Rikki Heath: Before joining OFRI, Rikki Heath worked for the U.S. Forest Service including positions in botany, firefighting, timber harvesting and leading Oregon Youth Conservation Corps crews. She also taught physical education at Seven Peaks School in Bend and Peterson Elementary School in Klamath Falls. She holds a master's degree in education from Concordia University with a focus on environmental education and a bachelor's degree from Lewis-Clark State College in Kinesiology.

Thursday, 1:45pm - 2:45pm
Field Science on your School Grounds

Tonya McLean joined the Lower Columbia Estuary Partnership as an Environmental Educator in 2012. She develops and delivers classroom curriculum, on-river programs, applied learning field programs, and service learning projects for K-12 students in Oregon and Washington. Tonya brings to the team ten years of experience in the environmental field including biological research, public outreach and communication for programs that seek to balance human needs with environmental health. Tonya earned a M.S. in Conservation Biology from the University of Maryland and has a B.S. in Environmental Science from Portland State University.

Samantha Dumont has thirteen years of experience in the environmental education field. She is the Volunteer Coordinator at the Lower Columbia Estuary Partnership in Portland, Oregon. She
coordinates volunteer stewardship events and service learning field trips and provides K-12 watershed education in classrooms and outdoors. She led an alternative environmental science education program for at-risk students from Tigard High School. Samantha earned a M.A. in teaching from Concordia University and a B.S. in Communication Studies from the University of Texas at Austin. Samantha is a licensed math and science teacher in Oregon.

Friday, 8:15am - 8:45am
EEAO, OELP, OOEC; Plus: OELP - Where are we now?

Jenna Mendenhall has worked in the field of environmental education for over 10 years, and currently is the Project Coordinator for the Oregon Environmental Literacy Program. She is a facilitator with the Oregon Natural Resource Education Program, Board Treasurer for the Environmental Education Association of Oregon, and is a Certified Interpretive Guide through the National Association for Interpretation. Jenna believes the best way to teach is through personal experiences, especially those that take you outside, and has a passion for developing relationships that cultivate an interest and love of the natural world.

Jennifer Godfrey: My grandfather helped build Detroit Dam, my father is a millwright at the local timber mill (Frank's) and my mother is an environmental activist who helped set aside Opal Creek Wilderness. This region is in my blood. My goal is to educate and inspire future stewards of public land by kindling that inner wonder which comes from interacting on a personal level with nature. Once connected, we grow to care about the health and sustainability of our forests and wild spaces, developing a vested interest in the forests and becoming advocates where we share our connection with others. This connection, therefore, completes a circle and brings a new generation of Oregonians to call themselves stewards.

Thursday, 12:30pm - 1:30pm
Optional After-Lunch Presentation: Environmental Education in Oregon — it's more than just science, right?

Steven Braun, Ph.D. is an environmental scientist and educator. He is the Director of the Lane County STEM hub and the Director of Approvecho Center for Research and Education. His research and leadership activities include serving on the Oregon Environmental Literacy Program Council, the EPA grant funded Educator to Educator Initiative and early childhood environmental education research in partnership with the University of Oregon's Environmental Leadership Program. He has authored publications in Environmental Education Research, the Green Teacher and in the book Teaching About Invasive Species.

Thursday, 3:00 - 4:30pm
Engaging Diverse Communities by Examining Privilege

Traci Price see previous page

Jenna Mendenhall see previous page

Jenny de la Hoz is a cultural broker. She uses her urban, Latina background to connect people and ideas, particularly around the environment. She works for the US Fish and Wildlife Service as an Urban Park Ranger connecting urban audiences to the natural resources around them. She dances hula, cumbia, and vallenata, but mostly just likes spending time with her family and dog.

Friday, 9:15am - 10:30am
From Seed to Tree: Grow your Nature-based Preschool Program

Karen Munday: For the past six years, Karen has been coordinator of all preschool programs at the Tualatin Hills Nature Center, including our 9-month Nature Kids Preschool for ages 3-5 years old. In addition, Karen currently coordinates half-day and full-day nature summer camps for ages 4 - 15, adult programs, outdoor recreation programs, and annual events. Karen has a master's degree in science teaching and more than 16 years experience in conservation and education. Outside of work, Karen spends time with her own preschooler and husband exploring the wilds of Portland via bike and on foot.

Friday, 10:45am - 12:15pm
Make a Positive Impact Through Outcomes and Logic Models

Norie Dimeo-Ediger see previous page

LeeAnn Mickelson will be co-presenting with Norie Dimeo-Ediger on this presentation.
Global Climate Change -

A Local Look

Thursday, 1:45pm - 2:45pm
Teaching Climate Change: Pressures and Practice in the Science Classroom
Jenny Crayne recently completed her M.S. in Environmental Studies at UO, where she worked on projects related to environmental education, climate change communication, and nonprofit management. Prior to that, she worked as an educator for a variety of organizations, including OMNI, Trackers Earth, and the Columbia Gorge Ecology Institute. She is currently enjoying maternity leave while volunteering for local organizations including Hike It Baby and Friends of Trees.

Thursday, 3:00pm - 4:30pm
NWF’s Climate Classroom and Eco-Schools USA
Morgan Parks received her B.S. in Natural Resources from OSU. Since then, she has worked with the Natural Resources Conservation Service, SOLVE, and the Clackamas River Basin Council to educate and engage the community in stewardship activities. Now Morgan is excited to expand the National Wildlife Federation’s education programs and help connect families to nature through NWF’s Oregon Affiliate, the Association of Northwest Steelheaders. Morgan is from Eagle Creek and spends her free time supporting The Nature Conservancy, the Ford Family Foundation’s Institute for Community Building, and serving on the Clackamas County Parks Advisory Board. She enjoys hiking, kayaking, antique hunting, and watching football.

Thursday, 5:30pm - 9:30pm
Celebration Dinner
“Best of Bend” Panel Presentation: Climate-Friendly Living: Champions of Central Oregon
Diane Hodik has started 3 nonprofit organizations, and is the co-founder of 350Deschutes, a nonprofit that advocates and educates about Climate Change. She has worked in management positions for nonprofit organizations, from program director, development, public relations and executive director. After receiving her MBA, she became a management consultant to nonprofit organizations in management, planning and fundraising. During this time, and now, she has been a regular conference/seminar presenter. She has co-authored two books for nonprofit management staff. One of which was a best seller. (Fundraising & Marketing in the One Person Shop) She currently hosts CarbonFeeds Powerup for the Climate, a radio show about climate change for KPOV 88.9, Central Oregon. High Desert Community Radio.

Friday, 9:15am - 10:30am
Workshop on Climate Change Basics
Dr. Kathy Conway Before moving to southern Oregon, native Oregonian Kathy Conway, who attended Southern Oregon College, University of Oregon, Portland State University, and Lewis and Clark College, earned a doctorate in curriculum development at Southern Illinois University. Kathy taught math at Lakeridge High School, the University of Wisconsin Green Bay and then science, math, and social studies methods to pre-service elementary teachers at Southeast Missouri State University. She has also been a long time environmental activist with the local Sierra Club group and was instrumental in establishing the Southeast Missouri Climate Protection Initiative. After relocating to southern Oregon in 2010, Kathy - with husband Alan Journet - built an energy efficient passive/active solar home in the Applegate Valley, and collaborated with Alan and other area residents to form Southern Oregon Climate Action Now of which she is Co-facilitator.

Dr. Alan Journet grew up in Britain, spent several years in Canada undertaking graduate study at McGill University in Montreal, and then several more in Australia on a post-doctoral Fellowship at Australian National University in Canberra and teaching at the University of New South Wales in Sydney. After two years in Texas, teaching at Texas A&M University, Alan moved to the United States in 1980. He taught Science Methods, Biology, Environmental Science, and Conservation Biology for thirty years at Southeast Missouri State University, was active in the local Sierra Club group, and - with wife Dr. Kathy Conway - formed the Southeast Missouri Climate Protection Initiative. After relocating to southern Oregon with his wife, native Oregonian Kathy Conway, Alan built an energy efficient passive/active solar home in the Applegate Valley. Finding no grassroots climate activist organization in the region, along with a group of concerned Southern Oregonians, Alan and Kathy founded Southern Oregon Climate Action Now, of which he serves as Co-facilitator and Board President.

Friday, 10:45am - 12:15pm
Engaging People in Civic Deliberations on Climate Change:
Plus: Moderator for All Climate Change Presenters Panel
Bora Simmons is the founding director of the National Project for Excellence in Environmental Education. The Project was initiated in 1993 by the North American Association for Environmental Education (NAAEE) to help educators develop and deliver effective environmental education programs. She taught environmental education at Northern Illinois University for over twenty years. Bora has been actively involved in environmental education research, evaluation, and professional development for over thirty years. She served on the NAAEE board of directors and as its president. She has also served on numerous steering committees and boards of directors, including National Project Learning Tree, Natural Start Alliance, and Environmental Education and Conservation Global.

Don’t miss the unique opportunity to join all of our Climate Change presenters for a panel discussion, Friday at 11:30am!
2016 Environmental Education Conference

Technology & Environmental Education

Wednesday, 4:00pm - 6:00pm
Welcome Reception
The JGEMS Model for Engaging and Meaningful project-based Education: The endangered species project and the field-based research project

And

The Diack Ecology Education Program: Grants for teachers doing field-based science inquiry

Mike Weddle retired in 2007 after 35 years of teaching. He was one of the founding teachers of the Jane Goodall Environmental Middle School (JGEMS), a public charter school in Salem, Oregon. At JGEMS, he taught conservation biology and technology. He is currently the program director for the JGEMS dissemination grant project. In addition, for the past four years, he has been the grant manager for the Diack Ecology Education Program.

Thursday, 1:45pm - 2:45pm
Wildkin: Mobile App Gameplay for Nature Connection Communities

Alicia Kristen designs curricula and teaches outdoor education programs at Whole Earth Nature School in Eugene, OR. She grew up with limited access to wild areas, gaining her love for nature from fantasy games. She now works to bridge the gap between urban gamers and nature through pervasive games that take place on local landscapes. She obtained an M.S. in Environmental Studies and an M.S. in Public Folklore from the University of Oregon, with a B.A. in English, Anthropology, and Creative Writing from Rhode Island College. Kristen's teaching philosophy draws from place-based education, Montessori, coyote mentoring, ecoliteracy, and permaculture education.

Thursday, 3:00pm - 4:00pm
Integrating Data Collection Technology into Environmental Education

Colleen McDaniel taught AP Environmental Science for five years in Houston, Texas where she had her students collect water quality and weather data to monitor changes in the environment around the school. Three years ago she joined Vernier and has been working to expand the use of data collection technology in environmental science classrooms and programs. In her spare time Colleen volunteers for the Portland Audubon Society and is an avid birder and hiker.

Special Offerings

Thursday, 9:15am - 12:00pm
Sharing Nature With Children

Roy Simpson worked as a Park Ranger, Environmental Educator and Interpreter for over 30 years. A dedicated Banana Slug from UC Santa Cruz, he created education programs and authored curriculum with the BLM at Yaqina Head Outstanding Natural Area, the National Park Service at Tumacacori National Historical Park and Chiricahua National Monument, and the USFS at Stanislaus National Forest. A two-time Peace Corps Volunteer (Niger, Africa and Honduras, Central America), he worked as an international Environmental Education consultant in Ecuador, Panama and Mexico. Retired in 2014, he now consults and works as a trainer with Joseph Cornell and the Sharing Nature Foundation.

Thursday, 1:30pm - 4:30pm
Field Trips
Join Central Oregon Environmental Educators to get an “on-the-ground” snapshot of exemplary programs happening in the region. Itineraries, group sizes, and leaders to be announced.

Thursday, 5:30pm - 9:30pm
Celebration Dinner
Storytelling, plus an opportunity to purchase Susan’s book: The Passionate Fact

Friday, 9:15am - 10:30am
The Passionate Fact: Storytelling Science - Part 1: Presentation

Friday, 10:45am - 12:15pm
The Passionate Fact: Storytelling Science - Part 2: Field Experience

Susan Strauss is an internationally recognized storyteller, keynote speaker, workshop teacher and author of several books and recordings, including: The Passionate Fact: Storytelling in Natural History and Cultural Interpretation, Coyote Stories for Children, Wolf Stories: Myths & True Life Tales. Her work has been sponsored by National Geographic Society, Smithsonian Museum of Natural History, Edinburgh Botanic Gardens & Monterey Bay Aquarium. She is currently consulting on a film about wolves.

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Celebration Dinner  Thursday September 29th, 5:30 - 9:30pm

Harvest Dinner - Auction - Games - Wine & Beer - Music - Storytelling w/Susan Strauss

Included for all full conference participants. At nearby stunning Black Butte Ranch. Van shuttles and carpools.

“Best of Bend” Panel Presentation: A snapshot of exemplary regional programs!

Children’s Forest: A Model for Regional Collaboration in Central Oregon by Katie Chipko

The Children’s Forest of Central Oregon brought together 22 diverse partners with the shared goal of reaching each and every student in Central Oregon by providing environmental education experiences across all grade levels. Since 2011, the number of students accessing environmental education programs in our network increased by 139%. We will share key strategies to making our collaborative efforts successful and tools that helped us overcome challenges in a competitive landscape.

Climate-Friendly Living: Champions of Central Oregon by Diane Hodiak

It’s easy to Live “Climate Friendly”. It’s healthier, more fun, and easier on your wallet. Diane will discuss clean transportation options, how you can save money by solarizing and becoming energy efficient, while helping the planet. Includes funding sources for individuals, businesses, schools, and government. A community conference that discusses many options will be presented.

How Schools Can Create Excellence in State Agencies By Erin Bennett

Culver Middle School adopted The Cove Palisades State Park last year, after a destructive 280-acre wildfire burned through the park. Students directly aided in solving a real world problem in their own “backyard”. They also made important environmental contributions by planting a certified Monarch Way Station and creating a Power Point that park staff share with visitors. Learn about this successful partnership with a government agency that has long lasting and far reaching benefits, and most importantly explore how you can do this in your own community.