ow more than ever it seems we need multi-disciplinary approaches to environmental issues—to understand in tandem the rapid changes in our biophysical systems and the rapidly changing political and economic forces affecting those environments. The Environmental Studies Program is addressing these critical issues not only through world-class research but also through a whole range of exciting and timely courses to train our undergraduate and graduate students—on topics ranging from wolves and environmental disasters to soil science, environmental ethics, food studies, passive heating and cooling, environmental justice, water and public health, and forest ecology. ENVS also thrives thanks to the exceptional hands-on experience that comes through the one-of-a-kind Environmental Leadership Program (ELP). Under the leadership of Peg Boulay and Katie Lynch, ELP matches community organizations with ENVS students to help understand and resolve pressing environmental issues. The program offers extraordinary service-learning opportunities to undergraduates, as well as leadership training for graduate students.

This is why our graduate and undergraduate programs are thriving. We have more Ph.D. students than ever in the Environmental Sciences, Studies, and Policy (ESSP) program, and the M.A. program, long a stalwart providing an exceptional opportunity for funded Master’s work in cross-disciplinary environmental studies, remains vibrant. There are more than 600 undergraduate majors in Environmental Science and Environmental Studies, while students also flourish with minors in Food Studies and Environmental Studies. The Center for Environmental Futures, co-directed by ENVS core faculty members Marsha Weisiger and Stephanie LeMenager, has recently taken off thanks to major grants from the American Council of Learned Societies and the Andrew W. Mellon Foundation.

We have welcomed several new people to the ENVS community this year. Brittany McFall, Academic and Career Advisor for ENVS, started her position earlier this year and has already made a substantial mark through her expert mentoring and advising—not to mention her management of the Student Advising Center. Emily Scott, Assistant Professor of History of Art and Architecture and Environmental Studies, works in contemporary art history. She analyzes the built environment and visual cultures, while also maintaining a strong applied focus to help resolve real-world environmental issues. Barbara Muraca, Assistant Professor of Philosophy and Environmental Studies, investigates ecosystem values and sustainability through her research and involvement with the International Degrowth Movement. Ashley Adelman, Office Specialist for ENVS, brings terrific perspective after graduating from the UO with a B.S. in Environmental Studies and working with AmeriCorps and the Resources Assistance for Rural Environments (RARE) program on the McKenzie River.

Every day I am inspired by this community’s commitment to the environment, to cross-disciplinary approaches to understanding and resolving environmental issues, and to respectful interactions within and beyond the ENVS community. And this is why I was (and am) so honored and proud to become the new director for the Environmental Studies Program. I am grateful to Richard York’s leadership of the program for three years, and his continued mentoring during the transition. We now also benefit from the expertise of Sarah Wald, the new Associate Director of Environmental Studies. Her work with the graduate and undergraduate programs has been superb, helping students, staff, and faculty alike. It is thus with great hope and inspiration—amidst continued challenges to address ever-increasing environmental issues—that I write to you in the ENVS community, knowing that you all are doing your part, too, to make our world a better place.

Thank you!

Mark Carey
carey@uoregon.edu
2018 ENVS Honor Roll
Judith and William Burch Jr. ’55, MS ’57
Julie Polhemus MS ’02 and Christopher Jones MS ’07
Kathleen Furore and Eduard Avis Donna ’72, MS ’76 and Leo Bauer
Suzanne and Robert Price
Baltimore Community Foundation
Colin Weber ’09, ’16
Payton Smith ’17
Daniel Hurley MS ’04
Ecotrust
Samantha Carr ’14
James Stickler MS ’91
Nielle Hawkwood MS ’72
Wayland Tan ’13
Joe Nolton ’15
The Andrew W. Mellon Foundation
Quinn Korbucic ’02
Trudy Cooper ’73, MS ’85
Paige Book ’17
Carina Zevely ’06

You can support our engaged learning and research community through student scholarships, graduate research and travel to conferences, equipment purchases, or renowned speakers.

To donate, contact Mark Carey (carey@uoregon.edu) or the UO Foundation (uofoundation.org)

Graduate Student Achievements
J. M. Bacon (PhD 2018) joined the faculty at Grinnell College, in Grinnell, Iowa as an Instructor of Sociology
Jean Faye (PhD 2018) joined the faculty of Centre College, Danville, KY as Assistant Professor of Environmental Studies
Taylor McHolm (PhD 2017) became the Director of the Student Sustainability Center at the University of Oregon

ENVS Core Faculty Achievements
Patricia McDowell, received the Melvin G. Marcus Distinguished Career Award from the Geomorphology Specialty Group of the American Association of Geographers at their April 2018 meeting. Yes, this award is named in honor of the father of our dean, W. Andrew Marcus. Andrew’s father was an outstanding geomorphologist who worked on glaciers in Alaska, among other topics.

Dave Sutherland (@IluliaqDave) continued NSF-funded research on the interactions between oceans and ice, such as glaciers and icebergs. A national podcast called Third Pod From The Sun highlighted his work in southeast Alaska, while Jefferson Public Radio interviewed him about melting icebergs. thirdpodfromthesun.com/2018/02/13/e2-science-glaciers-edge/

Kari Norgaard is now Chair of the American Sociological Association Section on Environmental Sociology. She has recently published articles in Global Environmental Change and in Sociology of Race and Ethnicity, as well as organizing sessions at the American Sociological Association annual meeting and having her research featured on the radio show, Research in the News, Roundhouse Radio, Vancouver, BC.

Nicolae Morar has published two peer-review articles in leading bioethics journals, was awarded as a Co-PI $294,236 by the National Endowment for the Humanities under the Scholarly Editions and Translations call for grants, and is the co-chair of the organizing committee for the Kinsman Bioethics Conference in 2019.

Mark Carey received the King Albert Mountain Award during ceremonies Sept. 8 in Pontresina, Switzerland. The honor goes to “persons or institutions that have distinguished themselves” for notable contributions to the mountain world.

Josh Roering was named a 2018 fellow of the American Geophysical Union. The American Geophysical Union has chosen new fellows each year since 1962 from no more than 0.01 percent of its total membership. Fellows are recognized for their scientific contributions and prominence in their respective fields of earth and space sciences.

Ron Mitchell received the Elinor Ostrom Career Achievement Award from the Science, Technology and Environmental Politics Section of the American Political Science Association. The award is given to an individual in recognition of their lifetime contribution to the study of science, technology, and environmental politics.

Lucas Silva was awarded the UO Outstanding Early Career Award, the highest research award at the UO for early career faculty.

Stephen Wooten was interviewed about UO’s Food Studies Program by Jefferson Public Radio. (ijpr.org/post/curious-u-oregon-studies-food-subject-area#stream/0)
The Environmental Leadership Program (ELP) is Environmental Studies’ flagship community-based learning program. ELP’s mission is to provide undergraduates with an integrative capstone experience and graduate students with project management experience, while engaging with the community to address real needs.

During the 2018 calendar year, ELP developed and implemented six projects. The Canopy Connections, Cultivating Connections, and Restoring Connections teams developed place-based curricula for elementary and middle school students. Their curricula linked to Next Generation Science Standards and included interactive classroom lessons and inspiring, engaging field trips.

The Riparian Restoration team helped restore and monitor the health of a creek. The Climate and Phenology team conducted original experimental research on the effects of climate change on plant bloom time. The Climate Action team developed and tested a social media campaign and tabling activities to promote climate-friendly actions. All six teams presented their projects at the UO Undergraduate Research Symposium and a member of the 2017 Climate and Phenology team presented a poster at a regional scientific conference.

Canopy Connections celebrated 10 years with a fun-filled weekend reunion at H.J. Andrews Experimental Forest, and Riparian Restoration celebrated 5 years by clearing invasive plants and picking delicious blueberries at Whitewater Ranch. To learn more about the students’ many accomplishments, check out their webpages, envs.uoregon.edu/pastprojects/.

We would like to thank the funders who made this all possible:

- Steve Ellis
- John L. Luvaas Family Fund of The Oregon Community Foundation
- Robert and Catherine Miller Foundation
- National Science Foundation MacroSystems Biology Program Grant Award #EF-1340847
- All of our private donors

We would also like to acknowledge our community partners:

- Adams Elementary
- City of Eugene
- H.J. Andrews Experimental Forest
- Mt. Pisgah Arboretum
- Pacific Tree Climbing Institute
- School Garden Project of Lane County
- Springfield High School
- UO Bridgham Lab
- UO Roy Lab
- US Forest Service
- Whitewater Ranch

Climate and Phenology team members Allison Ludden and Beth Porter count Rosy Checkermallow flowers to evaluate experimental effects on plant reproduction.

Special Thanks to ELP Donors and Partners

Restoring Connections ’18 team member Rachel Roffman sharing her love of birds with third graders at Mt. Pisgah Arboretum

ELP: Making a Difference

By Peg Boulay

The Environmental Leadership Program (ELP) is Environmental Studies’ flagship community-based learning program. ELP’s mission is to provide undergraduates with an integrative capstone experience and graduate students with project management experience, while engaging with the community to address real needs.

During the 2018 calendar year, ELP developed and implemented six projects. The Canopy Connections, Cultivating Connections, and Restoring Connections teams developed place-based curricula for elementary and middle school students. Their curricula linked to Next Generation Science Standards and included interactive classroom lessons and inspiring, engaging field trips.

The Riparian Restoration team helped restore and monitor the health of a creek. The Climate and Phenology team conducted original experimental research on the effects of climate change on plant bloom time. The Climate Action team developed and tested a social media campaign and tabling activities to promote climate-friendly actions. All six teams presented their projects at the UO Undergraduate Research Symposium and a member of the 2017 Climate and Phenology team presented a poster at a regional scientific conference.

Canopy Connections celebrated 10 years with a fun-filled weekend reunion at H.J. Andrews Experimental Forest, and Riparian Restoration celebrated 5 years by clearing invasive plants and picking delicious blueberries at Whitewater Ranch. To learn more about the students’ many accomplishments, check out their webpages, envs.uoregon.edu/pastprojects/.
The Tribal Climate Change Project (TCCP) began as a collaborative project in 2009 between the University of Oregon Environmental Studies Program and the USDA Forest Service Pacific Northwest Research Station. The Tribal Climate Change Project is now supported through partnerships between the Affiliated Tribes of Northwest Indians, the Bureau of Indian Affairs, the USDA Forest Service Pacific Northwest Research Station, and the North Pacific Landscape Conservation Cooperative.

The project focuses on understanding the needs and opportunities for tribes in addressing climate change, examining the government-to-government relationship in a climate context and exploring the role of traditional knowledge in climate change studies, assessments and plans.

The TCCP is currently working in partnership with multiple different organizations on a number of projects including the 25th Year Update to the Northwest Forest Plan Monitoring Report, the Tribal Adaptation Guidebook, and a new study titled “Examining the Effects of fire on American Indian Uses of Forests.” Kirsten Vinyeta, a doctoral student in the Environmental Studies Program and the Department of Sociology, is leading the interviews for the 25th year update to the Northwest Forest Plan.

The TCCP also hosted the Climate Change and Indigenous Peoples (CCIP) Lecture, which was a part of the UO Symposium on Environmental Justice, Race, and Public Lands. This year’s keynote speakers featured Dr. Karletta Chief (Dine) who is an Assistant Professor & Extension Specialist in the Department of Soil, Water, and Environmental Sciences at the University of Arizona (UA), and Dr. Margaret Redsteer who is a research scientist focusing on the perturbations in climate and ecosystem processes and their linkages to landscape stability. The CCIP lecture also invited five tribal students from around the region to participate in the lecture as respondents to the keynote speakers.

The TCCP also offers research opportunities for undergraduate and graduate students that are related to the impacts of climate change on indigenous peoples in the United States.
Environmental Justice, Race, and Public Lands Symposium
By Sarah Wald

In 2018, the Environmental Studies Program and the Center for Environmental Futures along with multiple other units from the UO College of Arts and Sciences, sponsored Environmental Justice, Race, and Public Lands, a symposium that ran from May 9th-11th, 2018. The event brought researchers into conversations with practitioners, including the staff of environmental organizations, foundations, state and federal agencies, around questions of environmental justice, race, and public lands.

Key conversations at the symposium addressed the following questions. What does it look like to promote diversity and inclusion in national parks, national forests, and other public lands and water? What does it mean to manage public lands for environmental justice? What are indigenous perspectives on public land management? What should be the role of indigenous people in public lands management? What might a historical perspective add to our understanding of these issues? The keynote speakers from the symposium were noted indigenous philosopher Dr. Kyle Whyte and Dr. Carolyn Finney, author of Black Faces, White Spaces: Reimagining the Relationship of African Americans to the Great Outdoors.

There were 31 presenters at the symposium and an additional 7 presenters at the Indigenous Peoples and Climate Change Lecture which was organized to concur with the symposium. The 31 presenters included an undergraduate student, graduate students, faculty from several universities including UO, staff from federal agencies, consulting organizations, environmental NGOs, a journalist, and a tribal elder. More than a thousand people attended the various symposium events.

UO sponsors included CAS, the Vice President of Research and Innovation, the Center for Environmental Futures, the Oregon Humanities Center’s Endowment for Public Outreach in the Arts, Sciences, and Humanities, the Environmental Studies Program, the Departments of English, History, Geography, Anthropology, Sociology, Philosophy, Landscape Architecture, Architecture, and Ethnic Studies, the Division of Equity and Inclusion, the Center for Latino and Latin American Studies, the Coalition Against Environmental Racism, the Center for Environmental Futures, the Moore Fund, the Dixon Fund, and the UO Outdoor Program.

Our community co-sponsors included Bark, Beyond Toxics, the Bonneville Environmental Foundation, the City of Eugene River House Outdoor Center, the Crag Law Center, Friends of Buford Park and Mt. Pisgah, the Greater Hells Canyon Council, Meyer Memorial Trust, Mt. Pisgah Arboretum, Northwest Youth Corps, Oregon Wild, Signal Fire, the Willamette National Forest, and the Youth in Nature Partnership. Meyer Memorial Trust sponsored a reception to honor community co-sponsors during the symposium.

The complete schedule for the symposium and videos of the keynote addresses is located on the website: blogs.uoregon.edu/ejrpl/

SAIL: Summer Academy to Inspire Learning
By Avni Pravin

This past summer, the Environmental Studies department participated in the third annual Summer Academy to Inspire Learning, a campus-wide initiative that seeks to inspire low-income high school students from around Eugene to pursue higher education opportunities. Our department had over 15 student attendees eager learn more about what comprises the field of “Environmental Studies.”

Each student participated in a fast-paced and exciting week of events, organized by co-director for the Environmental Leadership Program, Katie Lynch. The activities exposed them to a variety of subjects including environmental humanities, food justice, paleogeography, environmental policy, and environmental monitoring. Students had a taste of landscape architecture with Erin Moore, environmental data collection with Avni Pravin, and delicious, locally-catered Cuban food with Stephen Wooten at the Urban Farm.

Students also had the opportunity to date tree rings with Josh Roering.

Center for Environmental Futures Update (continued)
The Center will be sponsoring a new graduate student editor and editorial board for Ecotone, which we anticipate will become an online journal this year. In April, CEF will co-sponsor a “publishing in Environmental Humanities” workshop for graduate students, with the editors of ISLE and Resilience. In April and May, CEF presents a Latinx-themed Emerald Earth Film Festival, directed by Professors David Vazquez and Sarah Wald and featuring a campus visit by filmmaker/artist Alex Rivera (Sleep Dealer). During Spring Break 2019, the Field School will do a second visit to Wallowa County, and in June 2019 we will visit Oregon’s North Coast to investigate oral histories of the Oregon Beach Bill.
At a special “spoon award” event in June, Food Studies capped off a very productive 2017-18 school year. We gathered at the Urban Farm to celebrate the accomplishments of 17 students who graduated with the undergraduate minor and 6 who graduated with the graduate specialization. We currently have over 60 declared minors and 6 graduate students who are pursuing the specialization. With students from departments across campus, such as Biology, Sociology, Anthropology and Journalism, we are proud to serve a diverse group who represent the interdisciplinary nature of Food Studies.

Last spring, we were also delighted to award five students working on food-related research projects with funding from our Food Studies Graduate Research Grant. We are excited to hear more from these students in our Food Talks series in the coming months.

During the last academic year, Food Studies also organized numerous well-attended talks and presentations. Highlights include “The Edible City: Reimagining Alton Baker Park as a Future Foodscape” with Assistant Professor Jacques Abelman, who showcased the result of a landscape architecture design studio devoted to urban food systems and social issues and “New Frontiers in Sustainable Mountain Agriculture” with Raj Vable, an ENVS alum who explored how his company, Young Mountain Tea, is trying to transform the colonial India tea industry in favor of small producers. We also hosted Patience Munjeri, a Zimbabwean culinary expert and teacher of traditional food practices to demonstrate cooking and how it has changed since the days of British colonial rule. For our undergraduates, we hosted a number of promotional events including a pasta making demonstration for the FS minor, film screenings, and our graduation toast celebrating the success of our now-alumni.

Fall term 2018 was full of Food Studies events. We had a cider and pretzels promotional event for the FS minor and hosted a very lively visit from Vivien Sansour, the founder of the Palestine Heirloom Seed Library. Her work on seed sovereignty was inspiring to the many people - students, faculty, staff and community members - who attended her presentation. Keep in touch with Food Studies on Facebook and our UO site to hear more about our upcoming events!
Interdisciplinary Seed Grants Fund Collaborative Research

Four groups of Environmental Studies Faculty and graduate students received seed grants in 2018 for projects that cross disciplinary boundaries and promote collaboration across varied fields, departments, and colleges, as well as connecting faculty and graduate students through their interdisciplinary research. ENVS highly prizes this interdisciplinary collaboration, which is essential for understanding the relationship between human societies and the natural environment. The four projects are as follows:

**Microbes and Ourselves: A New Conception of Human Agency.** Nicolae Morar (Assistant Professor, ENVS and Philosophy), Brendan Bohannan (Professor, ENVS and Biology), William Cresko (Professor, Institute of Ecology and Evolution), and Leslie Leve (Professor, Counseling Psychology and Human Services) are working on an interdisciplinary project that aims to provide an explanation for a philosophical question looking at how genetics and other environmental determinants make us the kind of beings that we are and inform various forms of human agency. This research team is exploring how questions of human agency are constructively informed by the natural sciences (e.g. genetics), the social sciences (e.g. psychology) and the humanities (e.g. philosophy).

**Disaster and Risk Planning in the Florida Keys after Hurricane Irma.** Erin Moore (Associate Professor, ENVS and Architecture), and Dan Shtob (PhD student, ENVS) are analyzing the post-Hurricane Irma Florida Keys as a starting point for critical research that, according to their proposal, will examine how “outcomes of natural events may arise from antecedent social and infrastructural conditions. In turn, their findings will inform future scholarship on best practices in community design, disaster analysis, and risk planning.”

**Interdisciplinary Ice Connections—a Field-Based Colloquium.** Holly Moulton (PhD student, ENVS), Hayley Brazier (PhD student, History), Dave Sutherland (Associate Professor, ENVS and Earth Sciences), and Mark Carey (Professor and ENVS Program Director, ENVS and Clark Honors College) used the seed grant to organize a two day, field-based interdisciplinary colloquium on Mt. Hood. As the organizers explain, their project provided “an immersive experience for participants to study a socio-environmental landscape that has been shaped by glaciers, and where people depend on the volcano’s ice for water, hydroelectricity, recreation, beauty, inspiration, livelihoods, and a sense of place and identity.” The goal was to bring graduate students and faculty from across the natural sciences, social sciences, and humanities together to see Mt. Hood glaciers and discuss impacts of dwindling ice with downstream water users, particularly farmers.

**Supporting the UO’s Portland Urban Architecture Lab’s (PUARL) Refugee Initiative.** Briana Meier (PhD student, ENVS), Hajo Neis (Associate Professor of Architecture and Director of PUARL), and Tomoki Furukawazono (PhD student, Graduate School of Media and Governance at Keio University) are working to enhance the PUARL refugee initiative through their interdisciplinary projects that, as they explain, “conducts and promotes activities in urban architecture research and urban design research that help to improve the quality of built environments and the lives of the people who inhabit them.” PUARL, which is housed within the UO’s Architecture Department and the College of Architecture and the Environment, is more broadly devoted to the study of urban architecture and urban design in Portland, in other Pacific Northwest cities, and internationally, particularly in Europe and Asia.

SAIL: Summer Academy to Inspire Learning (continued)

and Will Struble, investigate the inequities of our food systems with Sarah Wald, and question the social constructions of nature with Jordan Wyant.

The program also invited Kelsey Juliana, from the Juliana v. U.S. (the landmark climate lawsuit) to speak about pursuing extra-curricular passions while balancing student and work life.

Finally, the program culminated in a day of fun outdoors at the H.J. Andrews Experimental Forest, capped with an all-time student favorite: tree climbing with the Pacific Tree Climbing Institute. The students got to climb to the top of a 300 year-old Douglas Fir, hang out in the canopy, and observe the forest in a brand new way.
### ENVS at the UO by the numbers

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS Majors</td>
<td>324</td>
</tr>
<tr>
<td>ENVS Minors</td>
<td>86</td>
</tr>
<tr>
<td>Core Faculty</td>
<td>30</td>
</tr>
<tr>
<td>Food Studies Minors</td>
<td>60</td>
</tr>
<tr>
<td>Current Master’s students</td>
<td>13</td>
</tr>
<tr>
<td>ESCI Majors</td>
<td>259</td>
</tr>
<tr>
<td>Current PhD students</td>
<td>21</td>
</tr>
<tr>
<td>Undergrads enrolled in an ENVS class in 2017-18</td>
<td>2,225</td>
</tr>
</tbody>
</table>