

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY



FY 2016-2017

Annual Report

University of Oregon Office of Sustainability

ANNUAL REPORT

OFFICE OF SUSTAINABILITY 2016-2017 ANNUAL REPORT

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Mission and Strategy

The Office of Sustainability supports the integration of sustainability into the University of Oregon's operations, curriculum, co-curriculum, research, and engagement with the broader community. Established in 2007, the Office of Sustainability helps set goals, monitor progress, make policy recommendations, create and manage programs support student, faculty, and staff initiatives, and tells the University of Oregon's sustainability story. The University is committed to spreading the concept of sustainability across campus and into facility operations, research, curriculum, and public service initiatives.

We accomplish our mission by maintaining a diverse portfolio of activities, organized into the following focus areas:

Institutional Leadership and Policy Development

We provide strategic advice, information, and resources to senior administrators, faculty, staff, and students working to integrate sustainability practices and policies into their programming. We facilitate broad collaboration necessary for decision-making and action. We develop policy recommendations that promote environmentally sensitive behavior by campus users and environmentally responsible development and stewardship of campus assets. We assess sustainability performance by establishing metrics and tracking institutional activities through internal and international ratings systems.

Co-Curricular Initiatives with Students and Faculty

We create, implement, and manage innovative programs and events – whenever possible, in partnership with other campus units and community partners – that integrate sustainability into academic research and teaching and student learning and development.

Community Partnerships

We build joint sustainability initiatives between campus and community partners, including local businesses, government agencies, nonprofit organizations, and foundations.

Outreach

We share the University's sustainability story and encourage the campus community to contribute to its growth and success.

Housed within the Campus Planning & Facilities Management (CPFM) unit, the Office of Sustainability continues its commitment to environmental protection, innovation, and social equity. Over the past ten years, we have launched a wide range of projects and programs that have helped the University of Oregon become a national leader in sustainability. By partnering

with local organizations that share these values, we have set the standard for an entrepreneurial approach to drive our sustainability principles.

SUMMARY

The University of Oregon's Office of Sustainability implements projects, programs, and policies that help the University align with its "green" identity. Since 2007, the office has supported the institution at a range of scales. These include drafting a comprehensive environmental policy for the University of Oregon, siting solar panels on specific buildings, and managing a sustainability-themed academic residential community in partnership with Housing and the Environmental Studies Program. As our tagline states, these projects help shrink our footprint and raise awareness.

The purpose of this annual report is to provide transparency and accountability. This document serves as a progress report. We hope that after reading this, you will feel as though you know exactly what we have done to help this university advance sustainability values.

STAFFING AND BUDGET

The Office of Sustainability accomplishes its goals with a lean staff and by leveraging strong partnerships throughout the University and the broader community. In 2016-2017 we operated with three staff, totaling 2.4 FTE. We also employed 16 undergraduate and graduate students who conducted short-term, part-time work in support of our co-curricular programs. Finally, we receive accounting and budgeting support from Facilities and Administrative Shared Services.

2016-2017 Staffing

- Director (1.0 FTE)
- Administrative Program Assistant (1.0 FTE)
- Graduate Employee (.4 FTE)

2016-17 Student Employees

- SCORE – Home Energy Assessment - 8
- Community for Environmental Leaders – Academic Residential Community - 6
- Office support - 1
- Sustainability Awards videographer - 1

Total student work hours = 1454

The Office of Sustainability's 2016-2017 base budget funded the salaries of the Director, the Administrative Program Assistant, and the Sustainability Affairs Graduate Employee. It also covered basic office expenses and travel. The remainder of the Office of Sustainability's annual budget came from internal and external fundraising efforts. These fees, gifts, grants, and contracts allow us to hire students and temporary staff and to support a range of programs,

trainings, and specials events. Our 2016-2017 program and project income is summarized in the table below.

Budget Overview	
Operating budget	\$243,857
Salaries	\$254,366

Program Income from Fees	
Community for Environmental Leaders	\$22,000
Green Office Awards	\$250
Campus Sustainability Awards	\$3000

Program Income from Partners	
Investing in the Age of Climate Change – Office of the President	\$10,000
\$SCORE – Home Energy Assessment	\$13,000 <ul style="list-style-type: none"> • \$10,000 - City of Eugene; • \$3,000 - EWEB
Sustainability Faculty Fellows Program – Duck Store	\$10000

INSTITUTIONAL LEADERSHIP AND POLICY DEVELOPMENT

Environmental Issues Committee

Overview

The Environmental Issues Committee (EIC) identifies issues, develops recommendations, and advises the University leadership on strategies to improve UO’s environmental practices and policies. The Office of Sustainability provides administrative, logistical, and advisory support to the EIC and works collaboratively with members to craft policy recommendations. They also connect the faculty and students on the committee to sustainability-related work by staff or

community members. The Director of Sustainability works with the Chair of the EIC to develop meeting agendas and brief the committee as needed. Since 1998, diverse groups of faculty, staff, and students have worked together on the EIC.

In 2007, the University of Oregon became a signatory to the American College and University Presidents Climate Commitment. This Climate Commitment is one of several relevant initiatives that continue to guide the EIC's discussions and recommendations. In recent years, the EIC has worked on the following projects: carbon offset purchasing guidelines, recycled paper policy, comprehensive environmental policy update, Climate Action Plan review and update, riverfront planning recommendation, and Vaux's swifts habitat protection recommendation.

Achievements and Activities in 2016-2017

During the 2016-2017 academic year, the EIC met monthly from December to June, with the exception of February. In addition to their policy development and project work, the EIC received the following presentations from individuals across campus regarding current and future sustainability programs and initiatives:

Central Power Station: Kyle Wilson (Lead Co-Generation Engineer) led the EIC on a tour of the Central Power Station to introduce us to the campus utilities and energy systems. The tour included discussions regarding steam, chilled water, electricity, controls, efficiency measures, and cost considerations.

Landscape maintenance: Phil Carroll (Landscape Maintenance Supervisor) presented to the EIC regarding various environmental concerns relating to landscape maintenance at the UO. He discussed the integrated pest management plan, and addressed concerns about noise pollution and service vehicle emissions.

Green purchasing: Greg Shabram (Associate Director of Purchasing and Contracting Services) spoke about changes to purchasing and contracting that will support the UO's commitment to sustainability. Centralized procurement will allow the UO to leverage its purchasing power and negotiate better prices on sustainable products.

Eugene Bike Share Program: Kelsey Moore (UO Bike Program) and Josh Kashinsky (UO Parking and Transportation) presented on the Bike Share program coming to Eugene in the fall of 2017. They reviewed the history, logistics, and costs of the program. In addition, they discussed how the program could serve campus and assist UO's efforts to encourage the use of alternative transportation.

Internal carbon tax presentation: Two economics students, Kathryn Sternberger and Haiming Kuang, presented their project on the feasibility of an internal carbon tax on UO air travel. They are targeting air travel as it is the largest source of greenhouse gas

emissions at the UO. EIC members were encouraged to reach out to Kathryn and Haiming with additional comments and suggestions that could assist with their project.

Knight Campus Sustainability: Darin Dehle (Director, Capital Construction), Christine Thompson (Manager, Campus Planning), and Mike Harwood (Associate Vice President, Campus Planning and Facilities) gave an update on the development of the Knight Campus and some of the opportunities and challenges for sustainability.

UO's Climate Action Plan 2.0: Steve Mital (Sustainability Director) gave an update on the UO's Climate Action Plan. He explained the need for updating the plan, including the absence of short-term, achievable goals and a baseline year for which we do not have adequate data. The newly formed committee will provide recommendations for a 5-year plan with clearly defined actions, goals, and costs.

AASHE STARS Report: Taylor McHolm (Office of Sustainability Graduate Employee) presented an overview of the Sustainability Tracking, Assessment & Rating System (STARS). This is a program of the Association for the Advancement of Sustainability in Higher Education and is a self-reporting opportunity for colleges and universities to measure their sustainability performance in which the UO participates. Taylor shared highlights of the data collected, methods, anticipated rating, trends analysis, and a critique of STARS's strengths and weaknesses. Information from the presentation will help guide the EIC's priorities for the 2017-18 academic year.

Comprehensive Environmental Policy

Overview

The University of Oregon's Environmental Policy was first adopted in 1997. The policy provides seven broad principles that guide the institution's environmental plans, procedures, and practices, organized by the following domains: Planning & Design, Operations & Maintenance, Greenhouse Gas Emissions, Transportation, Purchasing, Materials Management, and Hazardous Materials Management. Lead units for each principle are identified and charged with integrating the Environmental Policy principles into their policies, plans, programs, procedures, and practices. The Office of Sustainability is tasked with helping these units develop and execute work plans. The Office of Sustainability is also responsible for evaluating the implementation of the Environmental Policy at least every three years and for making relevant plans and other documents publicly available. Lastly, the Office of Sustainability monitors and recommends changes to this policy in consultation with the Environmental Issues Committee.

The full text of the UO Environmental Policy is available here:

<https://policies.uoregon.edu/vol-4-finance-administration-infrastructure/ch-7-real-property-facilities-planning/environmental>

Achievements and Activities in 2016-2017

Under the leadership of the Office of Sustainability, minor updates to the Environmental Policy were approved by President Michael Schill in March 2017. The policy had last been substantively modified in 2014.

During 2016-2017 academic year, the Office of Sustainability participated in five initiatives to implement the Environmental Policy's guiding principles across the UO:

1. Climate Action Plan 2.0 (CAP 2.0)
2. Strategic Energy Management Plan (SEMP)
3. Storm Water Management
4. Sustainable Purchasing
5. Transportation Plan

2016-2017 activities for each of these five initiatives are summarized on the following pages.

Climate Action Plan

Overview

The UO Climate Action Plan update is one of the Office of Sustainability's five priority focus for advancing the UO Environmental Policy in 2016-2017. The Office of Sustainability developed the first iteration of the University's comprehensive Climate Action Plan (CAP) in 2010 in response to then President Dave Frohmyer's adoption of the American College and University Presidents' Climate Commitment, signed in 2007. The University of Oregon's CAP is a comprehensive program to address greenhouse gas emissions and sustainability across campus. Since publishing the first CAP, the Office of Sustainability has supported tangible, transparent actions to reduce the University's greenhouse gas emissions.

The CAP has led to a greenhouse gas emissions inventory, the establishment of the Oregon Model for Sustainable Development (OMSD) and a green revolving loan fund. Between 2012 and 2014, the CAP was reviewed and the Environmental Issues Committee identified future projects with the help from staff experts.

The original Climate Action Plan is available here: <https://cpfm.uoregon.edu/climate-action-plan>

Achievements and Activities in 2016-2017

The Office of Sustainability proposed to update the CAP and to develop a five year action plan. In January 2017, along with student activists from the Climate Justice League, Sustainability Director Steve Mital met with the university president Michael Schill to discuss a review and update of the current CAP. Some of the issues with the current CAP were discussed, including

the absence of short-term, achievable goals and a baseline year for which the UO does not have adequate data. During subsequent meetings in spring and summer 2017, a campus committee led by the Office of Sustainability developed a set of recommendations for a five-year plan, which includes clearly defined emissions reductions actions and costs. The work will continue into school year 2017-18.

Strategic Energy Management Plan (SEMP)

Overview

The UO Strategic Energy Management Plan is one of five priority focus areas for the Office of Sustainability for advancing the UO Environmental Policy in 2016-2017. The proposed energy management structure at UO is informed by the U.S. EPA's Energy Star guidelines for energy management and focus on governance and decision-making processes.

The EPA guidelines are available here: <https://www.energystar.gov/buildings/about-us/how-can-we-help-you/build-energy-program>

Achievements and Activities in 2016-2017

In fall 2016, the Office of Sustainability hired the UO Community Planning Workshop to support the UO Utilities and Energy and the Office of Sustainability in defining the key energy functions of the university as a first step in developing a Strategic Energy Management Plan. With help from the Community Planning Workshop, an initial report detailing eleven essential energy management functions was approved in June 2017 by Mike Harwood, Associate Vice President of Campus Facilities and Management.

The UO Campus Energy Management report is available from the Office of Sustainability, and includes a summary of the lead department and contacts, stakeholders, purpose, key tasks, regular deadlines, data needs, stakeholder needs, for the following energy management functions:

- Procurement
- Production
- Distribution
- Utility Level Metering
- Data Collection, Reporting, and Benchmarking
- Utility Billing and Invoicing
- Future Energy Projections
- Building Level Energy Performance
- Design, Construction, and Commissioning
- Pollution Reporting
- Academic Partnerships

In 2017-2018, a workgroup comprised of senior staff from the Office of Sustainability, Utilities and Energy, Facilities Services will determine next steps and recommendations.

Storm Water Management Plan

Overview

The UO Storm Water Management Plan is one of the Office of Sustainability's five priority focus areas for advancing the UO Environmental Policy in 2016-2017.

Achievements and Activities in 2016-2017

In an effort to protect urban watersheds in the Eugene region and to institutionalize best practices in storm water management across the UO campus, in the fall of 2016 the Office of Sustainability negotiated an agreement to engage in a certification process with the Salmon Safe certification organization. The agreement included a reduction in the usual certification fees charged by Salmon Safe. UO Campus Facilities and Management agreed to fund the certification process. With the assistance of the Office of Sustainability, George Hecht, former Associate Vice President of Campus Operations, convened a workgroup to complete the certification, which included Phil Carrol, Landscape Supervisor, and Sarah Follett from Design and Construction, and Steve Mital, Director of the Office of Sustainability. By spring 2017 it had become clear that the certification requirements would not work with the UO practices and policies. However, the process revealed a number of opportunities to improve current stormwater management practices on campus. The workgroup agreed to produce a UO stormwater management plan by fall 2017. The project deadline was later extended to fall 2018.

Sustainable Purchasing Policy

Overview

The UO Sustainable Purchasing Policy is one of the Office of Sustainability's five priority focus areas for advancing the UO Environmental Policy in 2016-2017.

Achievements and Activities in 2016-2017

In 2016-2017 the Office of Sustainability secured a commitment from the University of Oregon's Purchasing and Contracting Services department to work together to achieve the following objectives:

- Identify acceptable sustainability certifications and standards with which to assess products purchased for the UO,
- Create a process for including environmental costs in procurement and cost analysis,
- Identify products, categories, and vendors where there are opportunities to improve sustainability with minimum impact to cost, and

- Identify opportunities to leverage the recently approved strategic sourcing policy to improve sustainable purchasing.

The University of Oregon spends tens of millions of dollars annually on hundreds of products. By addressing sustainable purchasing at the institutional level, the University of Oregon can have a significant impact. This work will continue in 2017-18 and beyond.

Transportation/Commute Plan

Overview

The UO Transportation and Commute Plan is one of the Office of Sustainability's five priority focus areas for advancing the UO Environmental Policy in 2016-2017.

Achievements and Activities in 2016-2017

In 2016-2017, the Office of Sustainability initiated efforts to produce a commute plan for the University of Oregon. The Office of Sustainability negotiated a commitment from Campus Facilities and Management and UO Parking and Transportation to contribute \$10,000 each to hire the UO Community Planning Workshop to evaluate opportunities to increase alternatives to using single occupancy vehicles coming to the UO. The Community Planning Workshop agreed to complete the study. The plan was put on hold pending hiring of a new Director of Transportation in 2018.

Institutional Sustainability Performance Assessment

The Office of Sustainability works to establish sustainability metrics and track institutional sustainability performance using national ratings systems we demonstrate and share the University's sustainability activities. This year the office was particularly pleased to receive a Gold ranking from the AASHE STARS program.

STARS

Overview

The University of Oregon has participated in STARS, the Sustainability Tracking, Assessment & Rating System, since 2011. STARS measures and encourages sustainability in all aspects of higher education. The Association for the Advancement of Sustainability in Higher Education (AASHE) developed STARS to provide a framework for self-reporting an institution's performance in sustainability over a period of time. The program offers a transparent reporting system, which colleges and universities can use to compare their progress and to measure their performance against other institutions. AASHE's STARS program has more than 800 participating institutions across six continents. It is the most widely recognized framework for publicly reporting comprehensive information related to a college or university's sustainability performance. Participants report achievements in four overall areas:

- academics;

- engagement;
- operations;
- planning and administration.

ACHIEVEMENTS AND ACTIVITIES IN 2016-2017

In 2017, the University of Oregon earned a Gold rating from its STARS report. The Gold rating is based on data from 2013-2015. Of the 812 institutional participants, only ninety-four institutions have received Gold certification, and only one institution has received a Platinum rating.

The University of Oregon's Gold rating is a significant increase from its previous Silver rating in 2014. We made strides in a number of areas as a result of increased curricular offerings, development policies, and an increase in efforts to collect and assess data across a number of fields.

Academics: Within the “academics” category, the University of Oregon scored in the top quartile among other doctoral institutions for its curriculum and research related to sustainability.

Operations: We also do much better than peer institutions in our grounds maintenance practices, waste management, transportation (including the types of transportation students and employees of the University use to commute to campus), and sustainable planning.

Innovation: We received full points for the innovation category as result of the following initiatives:

- a new partnership with the UO Duckstore, intended to increase sustainability course offerings;
- SolarizeU, a bulk discount solar PV program for faculty, staff and surrounding community members;
- Sustainable Cities Initiative; and
- UO Nutrition calculator and Dining Program, designed to help promote more sustainable food options.

Areas where we scored less strongly and may wish to focus improvements efforts include: investment practices and transparency, community service practices, and continuing education opportunities.

The STARS system reflects best practices in sustainability, but not all practices work in all contexts. For example, a strong solar energy presence makes sense in Arizona but less so in the rainy Pacific Northwest. Accordingly, the Office of Sustainability may recommend against focusing on improvements in areas that do not align well with our institutional goals or regional constraints. That said, the UO will use the STARS report to guide efforts to design and improve programs and initiatives that improve sustainability at the UO. We expect to score

even higher in our next report as existing policies and program mature and new initiatives come to fruition.

National Rankings – Princeton Review Guide to Green Schools and the Sierra Club’s Cool Schools

The Princeton Review Guide to Green Schools and the Sierra Club’s Cool Schools track institutional performance and compare colleges and universities around the nation. These rankings are aimed at potential students. UO has been classified as a green school in the Princeton Review’s rankings since it began in 2010; they review over 800 schools and give the designation to about 300 schools per year. The UO’s MBA program received the top ranking in 2015.

Sierra Club’s magazine *The Sierra* publishes a ranking of “Cool Schools” each year based on responses to an 11-page questionnaire regarding sustainability-related behaviors. In 2016, they ranked 201 schools; UO ranked 17th.

ACHIEVEMENTS AND ACTIVITIES IN 2016-2017

Both Sierra Club and Princeton Review derive their rankings from STARS reports. Institutions are required to have completed STARS report to be included in either ranking. The Office of Sustainability has identified some issues with the Sierra Clubs ranking methods. Institutions’ practices do not change as frequently as reflected in the highly variable scoring from year to year. Through the Office of Sustainability’s efforts, the UO has signed on to a letter asking AASHE to limit data sharing until the Sierra Club’s address its misuse of the STARS data.

Green Office Certification Program

Overview

In addition to tracking, reporting, and building the national and international recognition of the UO around sustainability, the office in turn recognizes efforts of specific university offices and departments to improve their sustainability practices. For decades, decentralized programs have emerged across the UO to help offices green their practices. The Office of Sustainability developed the Green Office (GO) Certification Program in 2012 to unite these efforts under a common framework that recognizes University of Oregon offices that:

- Adopt best practices
- Commit to reducing impacts
- Measure their performance

The GO Scorecard tracks office sustainability across seven categories, which include the following: prerequisites: energy, materials management, purchasing, transportation, events, and disaster preparedness. Offices are awarded a bronze, silver, gold, or platinum level certification by completing and submitting a scorecard.

ACHIEVEMENTS AND ACTIVITIES IN 2016-2017

The Office of Sustainability GO Program is creating a network of office champions who are actively reducing the environmental impacts of their work and workplaces. Nine offices

obtained certification in 2016-2017, bringing the total of certified offices to 46. The Office of the Vice President of Finance and Administration earned the highest score in 2017 and was presented their certificate by university president Michael Schill. The complete list of certified Green Offices is provided in the table below.

Office Name	Most Recent Year Certified	Level
American English Institute	2017	Silver
College of Arts & Sciences Information Technology	2017	Platinum
Environmental Studies Program	2017	Gold
Office of the Vice President of Finance & Administration	2017	Platinum
Philosophy Department	2017	Silver
Theatre Arts Department	2017	Gold
University Advancement	2017	Gold
Athletics Business Office	2016	Bronze
Campus Planning	2016	Gold
Economics Department	2016	Gold
Geography Department	2016	Platinum
Holden Center for Leadership & Community Engagement	2016	Gold
Mills International Center	2016	Gold
Printing & Mailing Services	2016	Silver
School of Architecture & Allied Arts Office of the Dean	2016	Platinum
Sociology Department	2016	Platinum
Zero Waste Program (Campus Recycling)	2016	Gold
Business Affairs Office	2015	Gold
Center on Teaching & Learning	2015	Gold
Academic Affairs	2014	Gold
Athletics	2014	Bronze
Catering & Conference Services	2014	Gold
Center on Diversity & Community	2014	Bronze
College of Arts & Sciences Office of the Dean	2014	Gold
College of Education Office of the Dean	2014	Gold

Community Service Center	2014	Gold
Design & Construction	2014	Silver
EMU Cultural Forum	2014	Bronze
Human Physiology Department	2014	Bronze
Innovation Partnership Services (Tech Transfer)	2014	Gold
Museum of Natural & Cultural History	2014	Gold
Office of Communications	2014	Platinum
Academic Extension	2013	Gold
Athletics Facilities	2013	Bronze
Biology Department	2013	Platinum
Oregon Humanities Center	2013	Silver
Physical Education & Recreation Department	2013	Silver
Purchasing & Contracting	2013	Bronze
Campus Planning & Real Estate	2012	Gold
Outdoor Program	2012	Gold
Planning, Public Policy, & Management Department	2012	Silver
School of Law	2012	Silver
Student Sustainability Center	2012	Gold
Sustainable Cities Initiative	2012	Silver

CURRICULAR AND CO-CURRICULAR INITIATIVES WITH STUDENTS AND FACULTY

Sustainability Faculty Fellowship

Overview

The Sustainability Faculty Fellowship program supports faculty members interested in integrating issues of sustainability into their curriculum by providing opportunities to partner with local institutions confronting real-world problems while building a network of colleagues interested in community-based learning. The Sustainability Faculty Fellowship program is made possible by the generous donation of the Duck Store. Through the Faculty Fellowship Program, the Office of Sustainability seeks to:

- Provide faculty with opportunities to develop community partnerships for community-engaged learning, particularly as it pertains to the Eugene/Springfield metropolitan area;

- Support and promote the work of faculty fellows and their students through multiple public channels;
- Build a network of faculty fellows – across disciplines and seniority levels – that supports ongoing inquiry into sustainability values and educational goals, and
- Challenge understandings of sustainability through a broad range of experiences for faculty.

Faculty fellows receive a \$500 award for participation in a three-day workshop that includes training in theories and practices of sustainability-related, community-engaged learning experiences, as well as site visits, field trips and guest presentations from local leaders of governmental, non-profit, and for profit organizations. Fellows receive an additional \$500 award for developing or revising their courses to incorporate community-engaged learning around issues of sustainability.

Achievements and Activities in 2016-2017

With the financial support of the Duck Store, the Office of Sustainability initiated the Sustainability Faculty Fellows program in 2016. Through a competitive application process, the following ten UO faculty members were selected to form the first cohort of the Sustainability Faculty Fellowship program:

Faculty Member	Department	Interest
Ruth Bischel	Counseling Psychology, Prevention Science	Homelessness, Permaculture, and Food Growing
Elizabeth Budd	Counseling Psychology, Prevention Science	Public Health (Water, Transportation, Food)
Derrick Hindery	Geography	International Development
Craig Kauffman	Political Science	Environmental Politics and Policy Workings
Kory Russel	Landscape Architecture, Environmental Studies	Sustainable Design, Water/Sanitation
Yizhao Yang	Planning, Public Policy, and Management	Sustainable Urban Development
Tasia Smith	Counseling Psychology and Human Services	
Nicolae Morar	Environmental Studies, Philosophy	Environmental Ethics – Food and Waste
Janet Wasko	Communication	Reframing Sustainability
Sarah Stapleton	Education Studies	Environmental Education, Food-Related Community Partners

In collaboration with the Teaching Effectiveness Program, the Office of Sustainability designed and hosted a three-day workshop in June 2017. The workshop was designed with a goal to anchor the range of sustainability concerns to the region by introducing faculty to Eugene community partners and resources. By accessing the Office of Sustainability's community network, faculty fellows were provided an opportunity to initiate lasting relationships for ongoing collaborations. Through a series of expert presentations, faculty were introduced to and given a chance to hone their own skills in designing and implementing community-based education in their classes. The workshop was organized around three primary components: Pedagogy and Theory, Exploring Community Partnerships, and Field Trips:

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- Community Engaged Learning - Deanna Belcher, Director, Service Learning Program; Family and Human Services
- Community Engaged Learning Case Study: Environmental Leadership Program - Peg Boulay, Co-Director, Environmental Leadership Program
- Integrating Community Engaged Learning and Assessment - Jason Schreiner, Faculty Consultant, Teaching Engagement Program

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- *St. Vincent de Paul Society of Lane County* - Terry McDonald, Executive Director; Kirsten Karle, Housing Development Director, and Susan Palmer, Economic Development Director
- *Eugene Water and Electric Board* - Frank Lawson, General Manager; Suzanne Adkins, Principal Project; Jeannine Parisi, Community Affairs Coordinator
- *City of Eugene* - Lucy Vinis, Mayor of Eugene; Ethan Nelson, Intergovernmental Relations and Sustainability Manager

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- St. Vincent de Paul Society of Lane County
- Hayden Bridge Treatment Plant and Leaburg Waterville Hydroelectric Project
- Tour of Bethel led by Councilor Greg Evans

In addition to the support provided to faculty through the annual workshop and quarterly events, the Sustainability Faculty Fellowship brings visibility and awareness of UO's programs to the broader community.

Community for Environmental Leaders

Overview

The Community for Environmental Leaders (CEL) is an Academic Residential Program for students interested in leadership development and environmental sustainability. CEL was created in 2009 through a partnership between the Office of Sustainability, UO Housing, and the Environmental Studies Program. The CEL program blends academics, off-campus exploration, and residential life to foster a deeper understanding of the interconnectedness of

life on earth as well as a sense of place in Eugene, Oregon. The program is designed for students to live and learn with others who share their passion for environmental protection. The CEL facilitates learning through the following program elements:

Residence Hall. The CEL is a place as well as a program. CEL participants lived together on the UO campus in Hawthorne Hall.

CEL Orientation Trip. At the beginning of the academic year, residents spent four days building friendships with each other and exploring a specific environmental topic. Trips focused on watershed ecology, coastal issues, bike transportation, and local agriculture. Each trip included outdoor, hands-on learning on topics important to the Eugene area and UO community.

Fall trips. CEL residents design weekend excursions based on what they learned during the orientation trip. Program staff support the students in initiating their community learning experience. Some examples include mushroom hunting and processing sorghum molasses while camping on a farm.

Environmental Studies Courses. CEL participants took the introductory sequence of environmental studies courses together during fall, winter, and spring terms. Throughout the year, CEL residents also had priority registration for several environmental issues courses.

Achievements and Activities in 2016-2017

In 2016-2017, we grew the CEL program in size to 55 students from the 30-35 students in prior years. The group was divided into eleven students and two staff member for each orientation trip; we added a fifth orientation trip this year to accommodate the larger cohort. Students lived together in Hawthorne Hall, where we created a “touch down” office at which the Office of Sustainability administrative assistant worked one day per week to provide connection and support for the new students.

CEL and Washington Higher Education Sustainability Conference (WAHESC)

In February 2017, the Office of Sustainability provided an opportunity for CEL students to practice professional networking by participating in the Washington Higher Education Sustainability Conference, hosted by Gonzaga University in Spokane, Washington. The conference focused on regional opportunities for those in higher education to learn about incorporating sustainability in academics, operations, and research. We secured funding and provided van transportation and lodging for the CEL students. The trip included stops at Multnomah Falls along the Columbia River and offered another opportunity for community building among the CEL participants.

Washington Oregon Higher Education Sustainability Conference

In 2016-2017, the Office of Sustainability worked with key staff from Oregon and Washington colleges and universities to develop plans for a joint conference on sustainability. Beginning in FY 2018, the University of Oregon will serve as a co-host of the Washington Oregon Higher Education Sustainability Conference (WOHESC). The next conference will be held at Portland State University from February 6th to 8th, 2018. The Office of Sustainability has committed \$5,000 as a co-sponsor of the conference.

WOHESC is a regionally focused opportunity for those teaching, working, or studying within higher education to come together and learn about sustainability in academics, operations, and research. Participants will explore ways to advance campus sustainability through the sharing of best practices, presentations on creative solutions to common challenges, and the development of regional collaborative networks. Through these facilitated conversations, workshops, presentations, and networking opportunities conference goers will help advance environmental performance at Washington and Oregon State institutions of higher education, support regional policy goals, and drive the development of a generation of professionals who strive to live and work sustainably.

Sustainability Awards

Overview

Beginning in 2015, the University of Oregon launched its sustainability award program to recognize individuals whose contributions deepened our culture of sustainability across a range of institutional activities. Nominations are accepted annually in the winter term. Winners are announced at an award ceremony in May. From 2010-2014, the award program focused solely on students' achievements in sustainability. Each year, award program sponsors determine the criteria for award selection and run their own selection process. The Office of Sustainability supports the award program, which includes an annual dinner that recognizes and celebrates the winners' efforts.

Achievements and Activities in 2016-2017

The UO Sustainability Awards were presented at a dinner on May 22nd, 2017. Awards were granted in the following categories:

Excellence in Teaching Award, sponsored by Undergraduate Studies

This award is open to both non-tenure track and tenure track faculty. Candidates for this award have developed pedagogy and curriculum that reinforce and advance principles of sustainability through course design and instruction.

Recipient: Stephen Wooten - International Studies and UO Food Studies Program
Director

Student Leadership in Sustainability Award, sponsored by the Student Sustainability Center

This award is given to a current undergraduate student with a minimum 3.0 GPA who has made a significant contribution on campus for sustainability by implementing projects, generating awareness, or creating new initiatives through their extra-curricular involvement.

Recipient: Nicole Zavoshy - Undergraduate Student in Biology

Operations Award, sponsored by Facilities Maintenance and Utilities and Energy

This award recognizes an outstanding individual or team whose contributions have improved sustainability performance in the day-to-day operations of the University of Oregon

Recipients: Mike Eldredge - Safety and Risk Services; Adam Jones - Safety and Risk Services; Mo Soleimani - Campus Planning and Facilities Management; Alex Koleber - Campus Planning and Facilities Management

Campus Design Award, sponsored by Design and Construction and Campus Planning

This award will be given to a project sponsor who has demonstrated leadership, excellence, and creativity in implementing the Oregon Model for Sustainable Development.

Recipient: Division of Student Life

Athletics Award, sponsored by UO Athletics

This award recognizes an individual, team, or departmental unit that is committed to enhancing and advancing sustainability within athletics.

Recipients: Ray Widmar - Athletic Department, Custodial Maintenance Coordinator

Town and Gown Sustainability Award

This award is presented to campus individuals or groups for projects that promote, educate or enhance a more sustainable community. Recipients will be selected based on community outreach, impact, creativity, and partnership.

Recipient: Sustainable City Year Program

Investing in the Age of Climate Change

With the help of a \$10,000 grant from the Office of the President, and in collaboration with the UO Foundation, students, and faculty, the Office of Sustainability organized Investing in the Age of Climate Change, a daylong symposium held on April 28th, 2017. The forum tackled the question of how climate change is affecting businesses and investors. It featured speakers such as UO President Schill, Kate Gordon from the Paulson Institute, Dave Chen from Equilibrium Capital Group, Emilie Mazzacurati from Four Twenty Seven, and others who spoke about investing ethically in the face of climate change. Approximately 125 people registered for the event.

The forum included presentations from the four finalists of a Student Pitch Competition. Teams presented ideas for impact investments to the UO Foundation and the UO community. MBA graduate student Max Fleischer worked with sustainability focused business students to seek innovative, measurable, social, and environmental impact investment ideas from across

the campus. As a result of his outreach, four finalist teams were selected to present at the symposium. Two winning teams were selected from the presentations:

Zack Risk, Tessa Reeves, and Amelia Shank sought to address how to sustainably feed a growing population in the face of climate change with their proposed investment in vertical farming. Their pitch to the UO Foundation included a proposed investment in Aero-Farms, an indoor vertical farming company, as a solution for climate change adaptation.

Kate Hammerback and Alex Winslow investigated the potential of water markets to mitigate climate effects by better optimizing water so that when a drought does occur people will be better able to manage crisis. The team proposed two strategies to the UO Foundation: 1. Investing in water banks and watershed forests, and 2. Development of a water fund in which loans could be made for green infrastructure investments.

Video recordings of each of the forum presentations are available on the Office of Sustainability website via: <https://cpfm.uoregon.edu/investing-age-climate-change>

Millrace

Overview

The millrace, a channel connecting Willamette River sloughs that was originally dug in the 1850s, has a rich and significant history. Interest in revitalizing the millrace is surging again in part due to plans to site the Knight Campus for Accelerating Scientific Impact along its banks. University of Oregon faculty, staff, students, and community members have conducted numerous projects involving the millrace. These have resulted in engineering studies, maps, historic photos, environmental impact assessments, wildlife studies, stormwater maps, and even a feature film.

Achievements and Activities in 2016-2017

The Office of Sustainability and Campus Planning and Facilities Management looks forward to working with faculty and students to preserve the millrace's past and shape its future. To help future students and faculty study this area, Campus Planning and Facilities Management will match Millrace projects on a one-to-one basis, up to a total of \$10,000. Additionally, in order to make it easier for faculty, staff, and students to access previous research, the Office of Sustainability has created a webpage designated to compiling documents, previous research and studies, photos, legal documents, and more: <https://cpfm.uoregon.edu/millrace-document-repository>

We also supported Oregon Abroad in Winter/Spring 2017 and persuaded Landscape Architecture to organize a studio class focusing on the Millrace. That class will happen fall 2017.

COMMUNITY PARTNERSHIPS AND INVOLVEMENT

The Office of Sustainability has a strong history of creating and maintaining ongoing partnerships with key local stakeholders. Through lasting programs, short-term projects, and occasional events, the Office of Sustainability works with local businesses, governments, nonprofit organizations, and other institutions to advance sustainability in Eugene and the region.

SCORE – Home Energy Assessment

In 2016-2017, the Eugene Water & Electric Board (EWEB), the Office of Sustainability, and the City of Eugene worked together to help tenants and rental owners better understand the energy consumption in their rental properties and possibly help lower monthly utility bills. The program provides free energy efficiency assessments for homes in the EWEB service area. Like a vehicle's miles per gallon, the score allows participants to compare energy performance in their home to others around the nation. In addition to a home score, residents are provided with average monthly energy costs along with a list of recommended energy improvements and their estimated cost savings.

EWEB provided a \$3000 grant for the program, and the City of Eugene contributed \$10,000. EWEB selected the assessment tool, promoted the program by sending promotional flyers to 7,000 low-income customer-owners, reviewed student work, and provided student workers with vehicles and tools. UO students were trained to assess the energy efficiency of a rental home. The UO Office of Sustainability hired, trained, and supervised eight student workers, who conducted the assessments, scheduled home visits, and ensured program goals were met.

The Home Energy Score program met its first year goals. More than 240 homes were scored. The program helped tenants and rental owners better understand the energy consumption in their rentals. It encouraged some rental owners to make energy upgrades, and it recognized energy upgrades already made by landlords. It provided a valuable learning experience for UO students. Initial steps were taken toward publishing rental efficiency information so that renters could more easily shop for affordable housing.

rEV Up Eugene!

In 2016, the Office of Sustainability convened and organized rEV Up Eugene!, a collaboration of the Office of Sustainability, Drive Oregon, Lithia Automotive, and the Eugene Water and Electric Board (EWEB). The partners launched the first EV bulk purchase program in the Northwest in an effort to make it cheaper and easier for people to switch to electric vehicles.

Working with the Lithia dealership, the Office of Sustainability pre-negotiated discounted pricing for the 2016 Nissan Leaf. The group discount, coupled with the federal tax credit, took

about \$15,000 off the sticker price, offering significant savings to program participants. The Sustainability Office developed and offered free workshops about electric vehicles. By attending one of the five workshops between October and November of 2016, participants could receive an exclusive discount towards a new Nissan Leaf from Lithia. A ChargePoint home charging unit was also raffled off at each workshop.

Thirty-five people decided to purchase a new Leaf through the program, which represents a dramatic uptick in sales for a comparable time period. (Lithia reported selling only 4 EVs in the same time period one year earlier.) This represents over a \$1 million in local investment that reduces emissions and keeps transportation fuel dollars in the community. In addition, about 250 people attended a workshop to learn whether an EV is right for them. Some of these people informally reported they bought an EV from a different car manufacturer. These sales are not captured in our totals. Whether or not additional workshop participants ultimately choose to buy an EV or hybrid plug-in car, they represent a growing group of customers interested in working with their utility to build a more sustainable transportation future. Need to mention that EWEB created a \$300 incentive as a result of the program

In spring 2017, the City of Eugene committed \$10,000 to continue the program in FY2018.

Vehicles Purchased After Program: 35 (approximately)

YSEALI Exchange

In FY 2017, the Office of Sustainability connected the U.S. State Department with the UO Department of International Affairs to create a partnership for a faculty/staff exchange around sustainability and energy. As part of the exchange program, a staff member from the City of Eugene spent time in Indonesia. Subsequently, two International City/County Management Association (ICMA) fellows from Indonesia, Lengga Pradipta and Ratna Budiarti, traveled to Eugene in April 2017. Their month-long fellowship focused on a variety of environmental sustainability topics. The fellowship was a collaboration of the City of Eugene's Waste Prevention and Green Building program and the University of Oregon's Office of Sustainability. Lengga and Ratna participated in tours of many facilities, meetings with City of Eugene employees, a full-day emergency preparedness workshop, and trips to many Oregon cities and landmarks.

Outreach – Increasing Visibility, Awareness, and Engagement

The office of Sustainability is a resource for UO faculty, staff, and students. We also work to share the University's sustainability story and encourage the campus community to contribute to its growth and success.

Each year we respond to hundreds of emails and calls from faculty, staff, students, parents, researchers, journalists, and community members. We help faculty develop class research and service projects. We help students find courses, internships, data sets, clubs, and research

projects. We represent the UO at professional conferences, respond to local, national, and international media requests, and promote UO sustainability successes via our website and twitter feed.

Below is a list of committees, conferences, events, and other outreach vehicles we use to educate the University community about sustainability, promote the University of Oregon's leadership and the Office of sustainability's services, and keep track of sustainability programming on behalf of the UO community.

Events on campus and in community

- Electric Bike Demo. Part of the Accessible and Appropriate Transport Fair, by the UO Outdoor Program, May 2017.

Sustainability conferences attended in 2016-2017

- AASHE Annual Conference – Baltimore, October 2016
 - Presentation by Director Steve Mital, "How Universities Can Expand Solar in Their Communities: Lessons from Oregon's Community Bulk PV Purchasing Program."
- Washington Higher Education Sustainability Conference – Seattle, February 2017

New Office of Sustainability Website

As part of the move to the UO Campus Planning and Facilities Maintenance unit, the Office of Sustainability built a new website in FY 2017. The website can be viewed here:

<https://cpfm.uoregon.edu/office-sustainability>

Social Media and Communications

Twitter

The Office of Sustainability shares its activities through a Twitter account, which had about 1300 followers in FY 2017. @sustainable_uo

Around the O

The Office of Sustainability collaborates with *Around the O* to disseminate sustainability news and information of interest to the UO campus community.

SUPPORTING PARTNERS AND COLLABORATORS

The Office of Sustainability could not do the amount and quality of work that we do without the supporting of multiple partners, on campus and in the community. Special thanks to the following partners:

- Various University of Oregon departments and units, including:

- Duckstore
- Environmental Studies Program
- Housing
- Outdoor Program
- Student Sustainability Center
- Sustainability Awards Partners – Directors of Design and Construction, Campus Planning, Senior Director of Community Relations, Student Sustainability Center, Director of Athletics, Teaching Engagement Program, Facilities Services, and Utilities and Energy.
- City of Eugene
- Eugene Water and Electric Board
- Forth (formerly Drive Oregon)

Thanks go as well to the University of Oregon Office of the President for both leadership and support for sustainability efforts at the UO.