PROMISE Sponsor Project Summaries

1. **Louis Stokes Alliance for Minority Participation (LSAMP)**

   LSAMP Academy is a one-day orientation program for incoming underrepresented minority first year and transfer students pursuing degrees in any of our five STEM colleges (Agricultural Science, Earth, Ocean & Atmospheric Sciences, Engineering, Forestry, and Science). The program is focused on building community within the group, educating students about research/internship opportunities, encourage use of resources on campus, and explore the various STEM majors at OSU. This program intends to serve about 150 students. We are looking for a student coordinator that can take on planning for this program, including: logistical planning (room reservations, workshop presenters, agenda development, catering, staff scheduling, etc.), marketing and recruitment (print, email, and tabling during START programs),

   Supervision of event on Tuesday, September 22nd

   **Contact Information**

   Marleigh Perez - Program Coordinator

   Email: Marleigh.perez@oregonstate.edu  Phone: 541-737-4663

2. **College of Education Licensure and Field Services**

   This Intern will work with the office of Student Services to help develop a cohort of pre-service teachers (PLC) by meeting with students, planning PD sessions and shadowing field services faculty. The goal is to develop a more welcoming and culturally competent environment for future pre-service teachers, and to recruit future teachers who meet the needs of Oregon demographics. Currently, the teacher workforce is both white and white-centric, and we hope a young intern from a culturally underrepresented background can help us become more user-friendly in terms of culture and age group.

   **Contact Information**

   Nell O’Malley - Director, Education Licensure

   Email: nwomalley@oregonstate.edu  Phone: 541-737-9251

3. **Oregon State University/Anthropology**

   Repatriation is an act of social justice that requires the anthropology department to understand and accept their role in past acts of disrespect and harm, to learn how those past acts have affected current Native American populations, and then to work with the Native American groups that were affected so they and the anthropology department can come together in reconciliation. The anthropology department currently curates ancestral remains belonging to Native American organizations across the United States. In some instances the anthropology department wants to reconnect with Native American organizations in an effort to facilitate repatriation of these ancestors, and in others cultural and geographic affiliations need to be re-evaluated through consultations with Native American organizations. These activities are managed in compliance with the federal Native American Graves Protection and Repatriation Act (NAGPRA). The intern will be learning appropriate curation of ancestral remains, funerary, and sacred items, as well as the history of early archaeological excavations and treatment of Native American burials by the public as well as professionals. The intern will be involved in initiation of communications with Native American organizations across the United States, and then will be an integral part of developing discussions connecting cultural and geographic affiliations and individual tribal worldviews to the NAGPRA process. NAGPRA is an open-ended progression and this project is just one part of a larger process. The end products of this project will be an updated Native American contact database; a re-initiation of discussions between Native American organizations and the anthropology department; creation of an updated NAGPRA inventory; publication of Notices of Inventory Completion (NIC); and, potentially one or more repatriations.

   **Contact Information**

   Brenda Kellar - Instructor
4. **Oregon Sea Grant College Program**  
Oregon Sea Grant serves the state, region and nation through integrated research, education and public engagement on ocean and coastal issues. Based at Oregon State University, we’re part of the national network of NOAA Sea Grant College Programs, dedicated to promoting environmental stewardship, long-term economic development and responsible use of America’s coastal, ocean and Great Lakes resources. Through natural and social science research, education, communications and outreach, we take a holistic problem solving approach to working with public agencies (including schools) and local communities in the study and design of education programs to solve environmental issues that range from invasive species to water pollution and water sustainability. We are seeking to mentor a PROMISE intern who wishes to apply skills that bridge different disciplines, use their creativity in addressing an issue, and has a focus in developing educational programs to community audiences relevant to: 1) Invasive species, water sustainability, water contaminants (e.g. pesticides, pharmaceuticals, heavy metals) watersheds, climate change, energy and the role of people. 2) Education needs of youth and adults related to understanding the role of our oceans, coasts, water and streams, and the impacts of human activities. 3) Lesson plan development and evaluation through informal and formal education methods.  
**Contact Information**  
*Samuel Chan – Statewide Aquatic Invasive Species and Watershed Health Specialist*  
Email: [Samuel.Chan@oregonstate.edu](mailto:Samuel.Chan@oregonstate.edu)  
Phone: 503-679-4828

5. **Ocean Blue Project**  
Oregon Sea Grant serves the state, region and nation through integrated research, education and public engagement on ocean and coastal issues. Based at Oregon State University, we’re part of the national network of NOAA Sea Grant College Programs, dedicated to promoting environmental stewardship, long-term economic development and responsible use of America’s coastal, ocean and Great Lakes resources. Through natural and social science research, education, communications and outreach, we take a holistic problem solving approach to working with public agencies (including schools) and local communities in the study and design of education programs to solve environmental issues that range from invasive species to water pollution and water sustainability. We are seeking to mentor a PROMISE intern who wishes to apply skills that bridge different disciplines, use their creativity in addressing an issue, and has a focus in developing educational programs to community audiences relevant to: 1) Invasive species, water sustainability, water contaminants (e.g. pesticides, pharmaceuticals, heavy metals) watersheds, climate change, energy and the role of people. 2) Education needs of youth and adults related to understanding the role of our oceans, coasts, water and streams, and the impacts of human activities. 3) Lesson plan development and evaluation through informal and formal education methods.  
**Contact Information**  
*Richard Arterbury – President*  
Email: [OceanBlueproject1@gmail.com](mailto:OceanBlueproject1@gmail.com)  
Phone: 541-286-5031

6. **Center for Research on Lifelong STEM Learning**  
Building on the report Redefining Undergraduate Success at Oregon State University (Risien, Falk and Storksdieck, 2014 [http://stem.oregonstate.edu/undergraduate-success-initiative](http://stem.oregonstate.edu/undergraduate-success-initiative)), the Center for Research on Lifelong STEM Learning will craft a model for OSU student success that links incoming student characteristics (such as past experiences, cultural background and identity, agendas and motivation or academic abilities) with curricular, co-curricular, and non-programmed student experiences, and various proximate and distal measures of student success. We will refine that model as a tool for understanding interventions in context, and to help OSU strategically focus on interventions likely to have
the highest impact for student success. The model will also serve as a conceptual framework to understand and measure realistic short-term outcomes, to create and conduct longitudinal research on long-term success, and to monitor adoption and implementation of promising practices. A PROMISE intern will work to map co-curricular and non-programmed student activities that will feed into this model as the Center prepares to work with other universities and apply for external funds to support a longer-term undergraduate success initiative. The summer activities will also include building on the Center Broader Impact Initiative by building on broader impacts communications and helping build the broader impacts network including gathering information and building a website.

**Contact Information**
*Julie Risien – Associate Director*
*Email: Julie.Risien@oregonstate.edu Phone: 541-737-8664*

### 7. Intercultural Student Services Diversity Development

This internship position will require the intern to provide leadership within the Office of Intercultural Student Services over various START and CONNECT week events. These events are designed to orient new incoming students (freshmen, transfer, and graduate) to Oregon State University. This position allows the intern to develop valuable organizational skills and to work cross culturally with all constituents across campus related to diversity and social justice issues.

**Contact Information**
*Oscar Montemayor – Associate Director Academic Success and Engagement*
*Email: Oscar.Montemayor@oregonstate.edu Phone: 541-737-9031*

### 8. Disability Access Services (DAS)

Disability Access Services (DAS) is in the process of exploring ways to enhance the services it provides to the students it serves. DAS has identified that outreach and awareness are two areas that it would like to enhance its services. One method to foster the outreach opportunity to current DAS students and incoming new OSU/DAS students is to implement a peer mentor program. In order to do so, DAS will require research on how similar universities across the country have implemented peer mentoring programs for students with disabilities. The intern will do research and collect data regarding these types of programs. The research information will be organized and presented to highlight best practices, resources, procedures, policies and what to avoid in order to have a successful peer mentoring program. Another project will be to create outreach and awareness materials regarding various disabilities with a strength based model approach. The intern will explore these approaches and create the materials. This will include creating a poster to highlight, for example, the strengths of ADHD, the strengths of being deaf, etc. The final project will involve archiving accessible media. Each year DAS captions hundreds of videos. During the summer we archive these materials. Because of the volume of captioning that has continued to occur over the summer DAS has been unable to archive our accessible media for several summers.

**Contact Information**
*Martha Smith – Director*
*Email: Martha.Smith@oregonstate.edu Phone: 541-737-4098*

### 9. University Honors College

The University Honors College (UHC) is a degree granting authority within Oregon State University (OSU). The mission of the UHC is to provide an innovative, enriched learning experience and a small college atmosphere to motivated, capable undergraduates, integrating students from all academic colleges and departments into a cohesive community. Central to that mission is the support of our graduates in developing careers and in building connections with one another and with the current college. These relationships expand the Honors community, providing valuable mentorship opportunities and furthering
the impact our graduates can make in their communities. The University Honors College will celebrate its 20th anniversary in the fall of 2015. This occasion represents a key opportunity for the UHC to build our alumni community. Our project includes assisting with the planning of this celebration, the creation of a virtual alumni professional network, and the creation of a directory to share with alumni and friends. These listings will also facilitate the creation of a national support structure for current students in their pursuit of development opportunities.

Contact Information
Kevin Stoller – UHC Director, Operations and External Relations
Email: Kevin.Stoller@oregonstate.edu Phone: 541-737-6400

10. Academic Affairs
The University Innovation Alliance (theUIA.org) is a consortium of 11 large public research universities committed to the belief that every American, regardless of socioeconomic background, should have access to an affordable, high-quality college degree. Because UIA member institutions serve students spanning the geographic, economic, and social diversity of our country, we are at the forefront of America’s race to regain its competitive edge and increase economic opportunity and mobility. We will work together, leveraging our experience and strengths to maximize our collective impact. The Alliance’s primary objective is to significantly improve graduation rates for all students regardless of socioeconomic background. To advance toward that goal, UIA member universities will act as an innovation cluster, developing and testing new initiatives, sharing data, and scaling best practices across the alliance. In testing our initiatives, we will publicly set metrics by which to measure our progress. The first project undertaken by the Alliance is to scale up the use of predictive analytics and proactive advising to advance student retention and success. We will work with the Education Advisory Board’s Student Success Collaborative software to analyze 15 years of student academic progress to help guide students through pathways to graduation and beyond.

Contact Information
Becky Warner – Senior Vice Provost for Academic Affairs
Email: Becky.Warner@oregonstate.edu Phone: 541-737-0732

11. Outreach & Engagement
The Roads Scholar Engagement Tour is for new OSU faculty members (hired within the past three years) and/or faculty who want to expand their knowledge of local engagement possibilities to gain an understanding of Oregon State’s land grant mission and opportunities for community engagement. The 2015 Tour will focus on the I-5 corridor south of Corvallis. The PROMISE Intern will be co-responsible (with the Mentor) to create a culturally diverse experience for bus tour participants, that showcases community engagement. The University Division of Outreach and Engagement covers the cost of the tour including lodging, meals, and materials for the participants. The Roads Scholar bus tour will be an engaging experience for participants. The PROMISE Intern will help develop relationships with multiple sites and logistics, and make recommendations to the oversight committee on the best locations/experiences for participants. As part of the Division of Outreach and Engagement, we would like the 2015 tour to reflect the personality of the PROMISE Intern. If the student has connections back to a particular community or population south of Corvallis, we would like to encourage this person to create an engaging experience based on their background.

Contact Information
Jeff Sherman – Program Leader, Open Campus
Email: Jeff.Sherman@oregonstate.edu Phone: 541-737-1384
12. **Oregon State University, College of Forestry, Dept. of Forest Engineering, Resources and Management**

The purpose of this research is to contribute to a better understanding of the scaling mechanisms of the interactions between consumers and stream functional processes in the Pacific Northwest of the United States. We are investigating how aquatic consumers (fish, amphibians and macroinvertebrates) influence aquatic ecosystem processes (i.e., stream respiration, primary production, and nutrient cycling) at patches, reaches and watersheds to understand the links between aquatic community structure and function across multiple spatial scales. For example, can measurements and the results of experiments or fine-scale observations be applied to scales relevant to landscape function and ecosystem management? Or inversely, can broad-scale observations be applied to local stream function? Understanding scaling mechanisms across space is important for prediction purposes. Globally, we are now facing multiple stressors, including climate change, eutrophication, species extinctions and invasions, which are complex with multiple components leading to multifaceted interactions and feedbacks with causes and consequences that can be spatially distant and temporally lagged. Many of these stressors are happening concurrently. For example, climate change is ongoing and occurs simultaneously with land use, changes in the biogeochemical cycles, and stream disturbances. Understanding the links among scales in aquatic ecosystems will help managers plan for changing conditions and better manage aquatic species into the future. To accomplish our objective, we compare measurements of in-stream metabolism and nutrient uptake at reaches located at different parts of the stream network where we have manipulated consumer densities to measurements from control sites. The study is part of the multi-site, multi-year project Scale, Consumers and Lotic Ecosystem Rates® (SCALER) project, funded by NSF, which originally included five biomes: tropical forest (Luquillo LTER), temperate deciduous forest (Coweta LTER), prairie (Konza LTER), northern boreal evergreen forest (Bonanza Creek LTER), and tundra (Artic LTER) areas. Darwin, in Australia, and the HJ Andrews Experimental Forest, in the Cascade Range in Oregon, have recently joined the project to expand its spatial coverage. See [http://www.kstate.edu/ecoforecasting/SCALER/index.html](http://www.kstate.edu/ecoforecasting/SCALER/index.html) for more details.

**Contact Information**

*Alba Argerich – Assistant Professor Senior Research*

*Email: Alba.Argerich@oregonstate.edu Phone: 541-758-8856*

13. **4-H Outreach Youth Development (2)**

The 4-H PROMISE Intern will be assisting the 4-H Outreach faculty and staff to coordinate, organize and conduct three summer camps (The International Summer Camp) Challenging Minds and Bodies to Make the Best Better for 3rd to 8th grade students. For all camps, the intern will assist in recruitment of boys and girls from different cultural backgrounds, public schools, and community organizations to attend the summer camps, distribute applications, flyers and posters among organizations, work with youth, maintain a database with the applicants information, check all applications to make sure they are fully completed, assist during the actual summer camps, and help to manage the budget using Excel. Pieces of the curriculum will be created in English/Spanish. Therefore, a bilingual English/Spanish student is required. The intern will also be conducting English/Spanish presentations in public events to promote our camps. During camps, the intern will provide support to volunteers and ensuring that children involved with the 4-H Program receive quality education and treatment.

**Contact Information**

*Mario Magana-Alvarez – OSU Associate Professor & State 4-H Outreach Specialist*

*Email: Mario.Magana@oregonstate.edu Phone: 541-737-0925*

14. **Oregon State Ichthyology Collection / Department of Fisheries and Wildlife**

The Oregon State Ichthyology Collection (OSIC) consists of more than 200,000 specimens of more than 2000 species of fishes from around the world, and is one of the most important biological collections of
fishes in the Western United States. The textual data from the collection’s catalog has recently been digitized and made available online through the Fishnet2 portal (http://fishnet2.net), but less than 1% of the collection’s holdings have associated digital images. If such images were available online, it would greatly improve the ability of researchers around the world to browse the collection’s catalog and to select material for further study, and would also augment the collection’s ability to perform online outreach and education about fish biodiversity. In this summer PROMISE project, we propose to engage an intern in developing a photographic catalog documenting the diversity of the holdings in the OSIC. The intern will select one individual of most species in the OSIC, digitally image those specimens in an immersion tank, refine and clean the images in Adobe Photoshop, and upload the images to the collection’s relational database. The work will follow widely-used protocols for imaging preserved fishes (for example, see http://cypriniformes.org/image_mani.html) and will allow the intern to gain proficiency in one of the main digitization techniques being promoted by the National Science Foundation as part of its Advancing the Digitization of Biocollections initiative. The project will result in substantial enhancement of the collection’s online catalog, and generate an atlas of fish biodiversity in the Pacific Northwest that can be browsed remotely over the internet. The images will also enhance the ongoing development of an online version of our popular Systematics of Fishes class, in which students will learn to identify and classify fishes based on diagnostic features of their morphology.

Contact Information
Brian Sidlauskas – Assistant Professor and Curator of Fishes
Email: Brian.Sidlauskas@oregonstate.edu Phone: 541-737-6789

15. University Housing & Dining Services (UHDS), Operations Unit
The promise intern will work with UHDS staff and interact with OSU departments on several projects. The most comprehensive activity will be the development of an OSU Conference Room Database. The basis for this project is an MSWord document compiled by Joy Jorgensen of Enrollment Management. We’d like to take this document to the next level to become a valuable resource for the OSU community. While many conference rooms remain under control of departments we have seen an increase in demand and availability of conference room space on campus. This project, if fully realized, could save time, labor, and reduce interruptions for staff and faculty. It could also decrease compression of over-utilized facilities and increase utilization space and connections between departments. Our initial goal is to collect information to update this primary document and transform it into a searchable pivot table within an Excel Spreadsheet. Once that is completed we will evaluate the data structure, make adjustments as needed, then greatly expand the listing by connecting with and visiting departments on campus. We plan to possibly introduce the intern to a wide variety of other projects such as: Refining our Student Worker Customer Service Training Program/Assist/Develop UHDS Conference Room reservation system (possibly similar to MU) / Assist with Fall Opening planning and preparation / Assist with planning UHDS Central Office move to Oxford / (with permission) attend Leadership Council for Equity, Inclusion & Diversity and help develop recommendations.

Contact Information
Dave Warneking – Operations Assistant
Email: Dave.Warneking@oregonstate.edu Phone: 541-737-5622

The impact of peer interactions on learning during college has been well-established (Pascarella & Terenzini 2005). In terms of where students ask for help, librarians know that we are far from the top of the list when students have research questions (Head and Eisenberg 2009). In recognition of the importance of peer-to-peer education, this internship will focus on strengthening the OSU Libraries outreach to campus peer mentor programs. The student will work with library staff and staff who oversee these peer programs to identify areas of need, and then develop activities, materials, and assessments. These programs include the Academic Learning Assistants in residence halls, the Academic Peer Mentors

6
who work in the Cultural Resource Centers, and CRC student staff. The intern will develop curriculum and outreach materials to be used to teach peer educators across campus about services and tools of the OSU Libraries, as well as general information literacy skills. The goal is to develop modules that can be reused by librarians and student staff and modified for a variety of audiences. The intern will also research how other academic libraries use peer education, and investigate other peer education programs on campus to make recommendations for future partnerships. This project is relevant for anyone interested in peer education, academic librarianship, or curriculum/outreach development.

Contact Information
Kelly McElroy – Student Engagement and Community Outreach Librarian
Email: Kelly.McElroy@oregonstate.edu Phone: 541-737-3495

17. Precollege Programs
The Precollege Programs PROMISE intern will be a part of the summer Pre College Programs team in running day camps and classes for K-12 youth on the OSU campus. The intern will be involved in managing the daily operations of the summer STEM Academy and TAG programs at OSU. The summer season of OSU’s Precollege Programs is busy and exciting, and there are many daily tasks necessary to run the programs effectively. The intern will also work with the student registration process for the STEM Academy and TAG programs, by responding to student and parent requests to register for camps as well as assisting in all of the details involved in running the summer program.

Contact Information
Cathy Law – Director of STEM Academy
Email: Catherine.Law@oregonstate.edu Phone: 541-737-1822

18. Wave Project, College of Public Health and Human Science
Oregon State University has received a five-year $4.7 million federal grant to develop and test an obesity prevention and healthy lifestyle program for teenagers. Unlike many programs that focus on treatment of children already at risk of obesity, The WAVE~Ripple for Change: Obesity Prevention in Active Youth project will focus on active high school teens involved in soccer programs in Oregon. Participants will receive interactive real life lessons taught by trained educators on sports nutrition to boost performance & health, such as selecting and preparing foods and staying active year long. They will also have access to new cutting-edge technology to create virtual environments, where teens will practice using these same sports performance & health skills in a 3-D virtual world. Primary role of the WAVE PROMISE Intern includes: 1. Assist the WAVE project faculty and staff in enrollment and assessments. These participants consist of high school soccer teams, coaches, and their parents. Enrollment and assessment will involve helping to schedule and organize enrollment and assessment meetings (which may be at the same meeting), track participants enrollment and assessment status, and communicate directly with potential participants about their status. Communication to some players and parents may need to be in Spanish, thus a bilingual English/Spanish student is required. 2. Assist in organizing and conducting a 2-day summer camp for these high school teams. The Intern will assist in registering teams and players. As time permits, the intern will also assist in designing and scheduling camp activities, outreach to potential speakers, and arranging logistics.

Contact Information
Gretchen Dursch – WAVE Project Coordinator
Email: Gretchen.Dursch@oregonstate.edu Phone: 503-754-7095

19. Student Affairs Communications and Marketing
The summer intern would be tasked with assisting in the development of a student experience website for Oregon State University. The intent of this website is to create an online resource for students that is
user friendly and informative. It will be a way for students to connect to OSU programs, activities, services and experiences. While the site is being developed by a Student Affairs department, the goal of the site is to provide information from across campus and divisions and have it available in one place (recognizing that students don't think of services in terms of the department that is offering them and the current website impedes student access of this information because it is primarily organized by departments).

This major project will be a collaborative effort with the director and other student workers. The primary focus of the position will be to work with other students to ensure the site organization and structure are easy to understand and the content is compelling. The summer intern will question other students about their experience using the site and make sure that the content students would like to see is well represented. Additional tasks could include writing of content, gathering or taking photos, helping with site organization, contributing to website development and entering content.

**Contact Information**
*Carolyn Boyd – Director of Student Affairs Communications and Marketing*
*Email: Carolyn.Boyd@oregonstate.edu Phone: 541-737-1553*

---

**20. Professional and Continuing Education (PACE)**

Project 1: Although these workshops may seem like big projects to take on for just 10 weeks, the reality is that they have been held a few times already so there is a task list to go off of and build upon there. The PROMISE intern will not be working on their own but with a team. Some tasks for each program might include planning events, booking catering, aggregating results from evaluations, booking venues, and organizing transportation. Project 2: This is a large project that the intern can expect to work on as a team member. Tasks will include the generation of web copy, automated emails, drip campaigns, and other related marketing activities. There might also be the possibility of planning and creation of multimedia marketing (e.g., video, web ads, etc.).

**Contact Information**
*Johanna Lounsbury – Project Manager*
*Email: Johanna.Lounsbury@oregonstate.edu Phone: 541-737-2163*

---

**21. Hatfield Marine Science Center**

Development of exhibits related to marine science research at the HMSC Visitor Center here in / Newport, Oregon. / Standard Essential Functions and Expectations 1. Follow the mission, vision, and goals of the OSU Hatfield Marine Science Center Academic Program. 2. Supports multiculturalism and diversity by treating all people with dignity and respect. 3. Conduct themselves professionally as a team member and active participant in association with students, staff, faculty and the public.

**Contact Information**
*Itchung Cheung – HMSC Academic Program Manager*
*Email: Itchung.Cheung@oregonstate.edu Phone: 541-867-0380*

---

**22. Office of Global Opportunities (OSU GO)**

Over the next 6-18 months, the Office of Global Opportunities (OSU GO) will begin restructuring and simultaneously laying the groundwork to engage significantly more OSU students and faculty and staff in global learning vis a vis education abroad, all in collaboration with the OSU’s academic and non-academic units. In addition to gaining exposure to the breadth and scope of a comprehensive education abroad office, we propose to involve a PROMISE intern in the development of materials that will support OSU faculty-led study abroad programs and their student participants. The intern will work closely with the Faculty-led Program Coordinator who is charged with developing infrastructure around these programs to, ultimately, help to serve greater numbers of students from backgrounds that are currently underrepresented in education abroad.
23. Educational Opportunities Program
The Educational Opportunities Program (EOP) provides a welcoming environment that supports the full development of the personal and academic potential of students who have traditionally been denied equal access to higher education. In 2014, OSU received a Meyer Memorial Trust grant to provide students with increased academic support and community building through OSU’s Cultural Resource Centers, culturally relevant U-Engage courses, and through a bridge program for incoming first-year students. The EOP Meyer Program believes learning is a process and students thrive when they learn to learn, are challenged and supported, and when learning happens collaboratively. If selected, the PROMISE intern would work specifically with the Meyer Bridge program. The Meyer Bridge program offers incoming OSU students an exciting way to begin their transition to college, and it is offered at no cost to participants. The Bridge Program is designed to help participants feel confident in getting around campus, providing skills and information that will help set students up for their first year, and will help participants begin to build community at OSU. The intern will develop and support projects related to the bridge program including but not limited to: researching bridge program best practices, meeting with Bridge program participants during their START programs, serving as a member of the START planning team, and preparing for training and Bridge Program itself. The intern will have the additional opportunity to work as a peer leader during the bridge program, September 17-20 with training September 14-16, if interested.

Contact Information
Kim McAloney – Coordinator, Academic Engagement
Email: Kim.McAloney@oregonstate.edu Phone: 541-737-4181

24. Department of Fisheries & Wildlife, Stream Ecology Lab
This project will take advantage of several studies in which our stream ecology lab participates. The intern will develop skills using a dissecting microscope and become familiar with beetle identification, become acquainted with several approaches to field studies and experiments, develop a small outreach project for elementary students, and attend a national meeting of fisheries biologists. The lab component will be part of an NSF-sponsored multi-year, interdisciplinary study at the H. J. Andrews Experimental Forest in which we are examining the spring phenology of plants, migratory songbirds and invertebrates at 16 sites across the watershed. In order to estimate prey availability during the season we have collected beetles at each of these sites for the last three years. In this project the undergraduate will identify beetles in our collections to family level, and determine the pattern of beetle diversity during one field season. From previous student work we know that beetle abundance varied over the season and between sites at different elevations. After enumerating proportions of beetle families, the student will generate data to examine beetles according to their foraging habits and as prey for birds. We plan at least two field trips to the H.J. Andrews where the intern will meet with other researchers working on other aspects of the phenology program, and with stream biologists conducting studies on the ecology and nutrient dynamics of headwaters. Depending on scheduling constraints with the Promise program, the intern will also join research teams collecting aquatic invertebrates in streams in two long term studies of the Coast range on the Alsea and Trask watersheds. Using her/his experience with beetles, the intern will be help develop a learning exercise for elementary students. Dr. Li will work with the student to adapt the exercise for online application on a website associated with the H. J. Andrews. In August our lab will be participating in national meetings of the American Fisheries Society to be held in Portland, OR. We propose to use some of the available funds to bring the intern with us for a day at the meetings in which the student will attend a variety of professional presentations, and can meet biologists with similar interests.

Contact Information
25. **College of Liberal Arts Advising and Student Services**
This PROMISE intern would work with our newest advisor in the College of Liberal Arts. This advisor (we are in final interviews currently) has a dedicated portion of their FTE to creating and enhancing connections with our cultural centers here at OSU and to enhance the College of Liberal Arts profile in enhance equity and opportunity for traditionally under supported students in our college and on campus. One especially captivating piece of this internship would be in laying the groundwork to pilot a program in partnership with the Centro Cultural Cesar Chavez, using Google apps like blogger or sites, to support students in creating e-portfolios. E-portfolios are gaining national attention as a vehicle through which students can showcase their college experience and notable activities as an addition to traditional resumes. While our eventual plan would be to make e-portfolios available to all of our students we would like to start by supporting our students who have been traditional disadvantaged in education and hiring.

**Contact Information**
*Louie Bottaro – Head Advisor for the College of Liberal Arts*
*Email: Louie.Bottaro@oregonstate.edu Phone: 541-737-0561*

26. **Student Health Services**
The PROMISE intern will work with SHS staff to ensure that they are meeting the health needs of all OSU students. This will include working with the SHS Cultural Connections Committee to develop training modules and other educational opportunities for staff. This internship will also include working with the SHS Community Health Partners to create sustainable relationships with marginalized student communities around health issues. In addition, the PROMISE intern will engage in benchmarking and best practice research, program development and evaluation, outreach activities, and serve as an active part of Student Health Services.

**Contact Information**
*Malinda Shell – Health Educator*
*Email: Malinda.Shell@oregonstate.edu Phone: 541-737-2776*