University Programs

URSA Engage

Program Description:
URSA Engage is designed to establish mentoring relationships for undergraduates early in their academic programs at OSU. Students will identify potential faculty mentors based off of provided mentor summaries, and submit an application based off of a research project of their collaborative design. Students who are selected will receive an award of $750 and their faculty mentors will receive $250 in development funds.

Awardees are expected to engage with their projects for an average of 5 hours a week for the 15-week duration of the project and present their research at the CUE Symposium in the spring.

Eligibility:
● First or second year undergraduate students, or transfer students in their first year
● Open to students at all OSU campuses and in all academic disciplines

Contact:
Sophie Pierszalowski, Undergraduate Research Coordinator
ugr@oregonstate.edu

More information: http://undergraduate.oregonstate.edu/research/funding-opportunities/ursa-engage

Timeline:
- Application OPEN
- Application Deadline: January 15
- Notification Date: January 25
- Program Duration: 15 weeks (Feb 2 - June 8)
College of Agricultural Sciences

Beginning Researchers Support Program

Program Description:
This program is designed to fund research projects by undergraduate students in the College of Agricultural Sciences engaging in research for the first time. Students will identify their top projects from a provided list of projects submitted by CAS faculty. They must then submit a resume, cover letter, and list of top project choices. Faculty will review applications and conduct interviews. There are two funding cycles for this program – funding will be $750 for the winter/spring cycle and $1000 for the fall/summer cycle.

Awardees are required to keep a research journal and present a research poster at either the annual fall Experiential Expo or the Ag Days event held in May. Students will also have periodic check-ins with the College of Agricultural Sciences’ Experiential Learning Coordinator.

Eligibility:
- Open to all undergraduate students enrolled in a College of Agricultural Sciences major
- Specific preference given to first or second year undergraduate students, first-year transfers, or students with no previous research experience
- Students are eligible to receive funding for one winter/spring cycle and one fall/summer cycle

Contact:
Katie Gaebel, Director of Experiential Learning
katie.gaebel@oregonstate.edu

More information:
https://agsci.oregonstate.edu/academic-programs/experiential-learning-and-leadership/2018-winterspring-beginning-researchers

Timeline:

Winter/Spring Cycle
- Application Opens: October 15
- Application Deadline: November 15
- Review of Applications/Interviews: November 15 - December 1
- Notification Date: December 10

- Program Duration: Winter 2017 - Preferred presentation date
  - With required student orientation at beginning of winter term

Fall/Summer Cycle
- Application Opens: April 1
- Application Deadline: April 15
- Review of Applications/Interviews: April 15 - May 1
- Notification Date: May 10

- Program Duration: Spring 2018 - Preferred presentation date
  - With required student orientation at beginning of spring term
Continuing Researchers Support Program

Program Description:
This program provides funding assistance for faculty and students who are seeking support for a semi-independent research project. Students will submit a project proposal and program application in collaboration with their faculty mentor showing their previous research experience, future plans, and service to the university. There are two funding periods for this program – the academic year and summer, that share one application cycle.

Funds must support a minimum of 50 hours of work in the academic year and a minimum of 30 hours in the summer for the students. Awardees are required to submit a report at the end of their experience to the Agricultural Research Foundation (ARF) and the College of Agricultural Sciences. Additionally, they must create and present a research poster at either the annual fall Experiential Expo or the Ag Days event held in May. Students may be invited to present their poster at an ARF meeting. Students will also have periodic check-ins with the College of Agricultural Sciences’ Experiential Learning Coordinator.

Eligibility:
- Full-time undergraduate student with at least sophomore standing (45 college credits)
- Open to undergraduate students in any college, with preference given to CAS students
- Preference will be given to students with previous research experience
- Faculty must be in the College of Agricultural Sciences or a partner program
- Preference will be given to faculty in their first two years at OSU
- Students are eligible to receive funding once for the summer and once for the school year

Contact:
Katie Gaebel, Director of Experiential Learning
katie.gaebel@oregonstate.edu

More information:
https://agsci.oregonstate.edu/academic-programs/experiential-learning-and-leadership/continuing-researchers-support-program

Timeline:
- 2018 Application details to come
Summer Undergraduate Toxicology Research Internship

Program Description:
The Department of Environmental and Molecular Toxicology (EMT - http://emt.oregonstate.edu/) at Oregon State University in partnership with the Society of Toxicology (SOT) encourages students to consider a career in toxicology! Summer Research Internships will consist of an 8-week summer research experience for domestic undergraduate students who are interested in pursuing a career in Toxicology.

This program will provide a $4,000 stipend, housing, living and travel expenses. Students must participate 8-5 pm weekdays for the entire 8-week period. Internship experiences will include intensive hands-on research conducted in EMT laboratories, round table discussions, seminars, lab group meetings, career development activities and other activities. At the end of the fellowship, each student will deliver a brief oral presentation on his or her summer research project.

Eligibility:
- This program is targeted primarily toward current undergraduates who will be completing their undergraduate degree within the next two years
- Funding requires that participants be U.S. Citizens or US Permanent Residents
- Students from groups who are underrepresented in the sciences are strongly encouraged to apply

Contact:
Mary Mucia
Mary.Mucia@oregonstate.edu.

More information:

Timeline:
- 2018 Application deadlines to come
College of Business

Close to the Customer (C2C) Marketing Lab

Program Description:
The C2C Marketing Lab provides professional market research and consulting services in order to provide insight into markets, businesses, and today’s consumers. Our teams are led by marketing faculty who mentor teams of students in the field and in the classroom. In doing that, the C2C Marketing Lab brings faculty expertise and research experience into the business community and provides students with experiential learning opportunities that prepare them for marketing careers.

Students will work directly with faculty, industry professionals, and other potential employers. The program is designed to provide opportunities for growth and challenging experiences for all students. Students can apply by emailing a resume and letter of interest to the C2C director, Amanda Terhes.

Eligibility:
● Open to students from all academic disciplines

Contact:
Amanda Terhes
C2C Marketing Lab
173 Austin Hall
College of Business - Oregon State University

Office: (541) 713-8041
Fax: (541) 713-8054
amanda.terhes@oregonstate.edu

More information: http://business.oregonstate.edu/c2c
College of Earth, Ocean, and Atmospheric Sciences

Summer Research Internships for Undergraduates

Program Description:
The Research Experience for Undergraduates (REU) program offers students the unique opportunity to work on individual research projects, and participate in group field trips, seminars and science colloquia over a 10-week period at CEOAS in Corvallis, OR and the Hatfield Marine Science Center in Newport, OR under the guidance of university and research agency scientists, who serve as mentors. Students will review both lists of CEOAS mentors and HMSC mentors, then complete the online application.

Students who only wish to be considered for an internship at CEOAS should list only CEOAS mentors on their application, and vice versa. REU interns receive a weekly stipend, housing on-site, and round-trip transportation from their home area.

Eligibility:
- Currently enrolled undergraduates who are not graduating seniors – limited to U.S. citizens and permanent residents
- Preference given to rising seniors
- Students from underrepresented groups, community colleges and institutions with limited research opportunities are especially encouraged to apply.

Contact:
Itchung Cheung
itchung.cheung@oregonstate.edu
(541) 867-0380

More information: http://hmsc.oregonstate.edu/reu

Timeline:
- Application opens: January 1
- Initial Review Deadline: February 1
- Final Application Deadline: February 19
- Program Duration: June 18 - August 24
College of Engineering

Pete and Rosalie Johnson Internship Program

Program Description:
Pete and Rosalie Johnson established the Pete and Rosalie Johnson Undergraduate Internship Program to support undergraduates in the School of Chemical, Biological, and Environmental Engineering. The Johnson Internship is available to any CBEE student who has successfully completed the first year CBEE courses CBEE 101 (or equivalent COE intro engineering course) and CBEE 102.

In order to be competitive for summer positions after the sophomore year of schooling, students need to have demonstrated mastery of skills not taught or practiced at other schools, and this is what is provided by the Johnson Internship in the summer following the students first year in the CBEE program, when it is difficult to obtain a meaningful engineering internship. Student must complete 400 hours of supervised laboratory research. Daily journal of activities (electronic journal) will be sent weekly via email to Johnson Internship Coordinator Dr. Skip Rochefort. Required poster and PowerPoint presentation to CBEE 101 in Fall 2017.

Eligibility:
- First year student in CBEE who have successfully completed CBEE 102 (grade of B or higher)
- Preference given to students with >3.2 overall GPA

Contact:
Skip Rochefort
skip.rochefort@oregonstate.edu

More information: http://cbee.oregonstate.edu/johnson-internship

Timeline:
- 2018 Application details to come
MIME Research Experience for Undergraduates (REU)

Program Description:
MIME is calling for proposals for new research projects to advance our Strategic Excellence Initiatives. Students will identify a faculty project mentor and submit an application based off of a project of their design.

The program supports awards of up to $5,000 provided to support eight-week Research Experience for Undergraduates (REU) opportunities in Spring or Summer 2018, giving $3,000 to the student, $1,000 for the student’s travel (to participate in a relevant professional conference - see guidelines below), and $1,000 honorarium for the faculty advising the student.

Eligibility:
- Funding from this program cannot be combined with any other funding that covers the same period or project.

Contact:

More information:  http://mime.oregonstate.edu/undergrad/research

Timeline:
- Application OPEN
- Application Deadline: February 16
“Robots in the Real World” Summer Research Experience

Program Description:
We offer research experiences in all aspects of robotics, for students with backgrounds in computer science, mechanical engineering, electrical engineering, mathematics, physics, social science, or any closely related fields. Our students have pursued projects in a variety of areas of robotics that deal with the real world; from remote marine sensing, to building and controlling legged robots, to picking up and manipulating objects, to managing swarms of robots, and to how we can incorporate robots into our daily lives.

During our 10 week summer program students will work on specific research projects alongside graduate students and faculty, attend workshops to find out what graduate school and research is all about, learn how to apply for graduate student fellowships (such as the NSF GFRP), and enjoy the great Oregon outdoors through student-organized activities. All participants will receive a $5,000 stipend, plus a travel, housing, and food allowance sufficient to cover costs. Space has been reserved in student summer scholar dorm housing for REU participants from out of town that want to take advantage of it.

Eligibility:
- Open to students from all institutions and disciplines with a cumulative GPA above 3.0
- Must be a U.S. citizen or permanent resident and have personal health insurance
- Enrollment in an accredited college or university as an undergraduate in Fall 2018
- Students from traditionally underrepresented groups, and from colleges and universities that have limited research facilities, including tribal colleges and universities are encouraged to apply
- Particularly interested in applicants with diverse backgrounds, such as an interest in psychology, mathematics, biology, or art
- Preference given to students who have demonstrated a passion for outreach, diversity and engagement

Contact:
Bill Smart
smartw@oregonstate.edu

Cindy Grimm
grimmc@oregonstate.edu

More information: http://robotics.oregonstate.edu/reu

Timeline:
- Application OPEN
- Application Deadline: February 9 at noon
- Notification Date: February 24 at the latest
- Program Duration: 10 weeks (June 18 - August 24)
College of Forestry

Mentored Employment Program

Program Description:
This program provides CoF undergraduate students paid opportunities to work with CoF faculty on research projects or field experiences. Working with a CoF Faculty mentor enhances your personal growth and development. Students will have the chance to explore potential career paths while gaining new perspectives and broadening your horizons. Students will have the opportunity to develop strong, supportive, professional relationships and apply what you are learning in your classes to hands-on experiences. Student protégés (applicants) will review the current MEP opportunities listed on the website and submit interest for up to three projects. This is done by completing the Student Resources & Engagement MEP interest form and applying to the Student Technical Assistant Pool – CoF Mentored Employment Program position #P02515SE on the OSU Student Employment Website.

Protégés are allowed to work a maximum of 20 hours per week. If you are working more than one position on campus you will need to split hours between positions.

Eligibility:
- Currently enrolled as a College of Forestry undergraduate or post-bacc student
- Registered for a minimum of 6 credits of course work at OSU or another institution
- Be in good academic standing
- Priority funding is available for students from diverse, underrepresented or underserved backgrounds that enhance a pluralistic community in the College of Forestry
- Students are limited to a 3 consecutive terms in the program. If you have previously participated, you are not eligible to apply for a MEP position.

Contact:
Brooke Harrington
brooke.harrington@oregonstate.edu
Student Resources and Engagement Office
133 Snell Hall
(541) 737-1593

More information:
http://studentservices.forestry.oregonstate.edu/sre/mentored-employment-program

Timeline:
- Student applications accepted: October 3 - 20, 2017
- Mentor/Protégé pairs announced and work may begin (pending HR approval): November 16, 2017
- MEP Funding available: November 16, 2017 - June 15, 2018
College of Pharmacy

Summer Research Experience for Undergraduates

Program Description:
Opportunities are available to participate in hands-on bench research in the College of Pharmacy in laboratories that seek to discover new medicines, new means of delivery, and new targets for drug therapy, and to improve current drug therapy for patients. Research sites in pharmacology, medicinal and natural products chemistry, and pharmaceutics in Corvallis. Sites in clinical pharmacokinetics and health outcomes research are available mostly in Portland. 11-week summer experiences may commence between mid-May and the end of June depending on the student’s academic calendar.

Students will participate in the full range of lab activities including running assays, isolating compounds, assisting with research subjects, keeping a detailed lab notebook, presenting at weekly lab meetings, developing a formal presentation of research results, and helping with daily lab clean-up.

Eligibility:
- Students with an interest in exploring biomedical research in pharmaceutical sciences.
- Preference given to students who have completed introductory biology or chemistry courses, and students interested in pursuing a graduate degree (Ph.D.) as opposed to a professional degree in medicine (M.D.) or pharmacy (PharmD)
- Preference given to students who have received a letter of support from one of our faculty indicating that he/she is interested in having the student in his/her labs

Contact:
Kerry McPhail
Director, Graduate Program in Pharmacy
Kerry.McPhail@oregonstate.edu
203 Pharmacy Building
(541) 737-5808

Debra Peters, Administrative Assistant
Debra.Peters@oregonstate.edu

Faculty in the Department of Pharmaceutical Sciences may also be contacted directly by students with specific research preferences.

More information: https://pharmacy.oregonstate.edu/undergraduate-research-opportunities

Timeline:
- Application OPEN
- Application Deadline: April 1
- Program Duration: 11 weeks during the summer
College of Public Health and Human Sciences

Undergraduate Research Shadowing and Reflection Program

Program Description:
The CPHHS Undergraduate Research Shadowing and Reflection Program increases student awareness and knowledge through reflection and expands leadership and communication skills related to the research process.

The programs provides undergraduate students an experiential learning opportunity during Winter and Spring terms to participate in:
- Weekly skill building sessions with their student cohort
- Attend research-related activities and experiences
- Explore a faculty-mentored research setting and shadow a researcher (limited to Spring 2018)
- Create and present a poster based on reflections of their research experience

Students will commit to 2-3 hours/week, and deliver a poster presentation based on reflections of their research experience at the end of the program.

Eligibility:
- Undergraduate students who are majoring in the College of Public Health and Human Sciences
- Registered for Winter and Spring terms 2018
- In good academic standing (not on academic warning or probation)
- Students who have never taken part in faculty-mentored research or an independent research project
- Students must be available weekly on Tuesdays from 4-5pm, Winter and Spring 2018

Contact:
Deanne Hudson
Deanne.Hudson@oregonstate.edu
(541) 737-2689

More information: http://health.oregonstate.edu/research/undergraduate/shadowing

Timeline:
- Application Open: November 29
- Application Deadline: December 15
- Notification Date: January 8
- Program Duration: Winter-Spring 2018 (January 16 - June 5)
LIFE Scholars Summer Research Program

Program Description:
The population of Americans aged 65 and over is expected to double in the next 25 years. By 2030, almost 1 out of every 5 Oregonians will be 65 or over. The vision of the OSU Center for Healthy Aging Research is to become nationally and internationally known for innovative research, education, and outreach that enhances quality of life for older adults, their families, and society. Center researchers from multiple OSU departments join together to plan, coordinate, and conduct collaborative, multidisciplinary studies designed to optimize the health and well-being of aging individuals and their families.

The Summer LIFE Scholars Program provides an opportunity for students to work with a Center for Healthy Aging Research faculty member to develop research skills and an understanding of opportunities in science and research. Stipend for undergraduate is $1000 with a $1000 match from student’s faculty adviser. A final, scholarly report will be due at the end of summer term. All LIFE Scholars are also expected to participate in at least one public presentation concerning the program and research completed.

Eligibility:
- Students currently pursuing a baccalaureate degree at OSU who are in good standing
- Only faculty associated with the OSU Center for Healthy Aging Research are eligible to serve as Faculty Project Advisers

Contact:
Carolyn Aldwin
Carolyn.Aldwin@oregonstate.edu
Center for Healthy Aging Research
(541) 737-4992

More information: http://health.oregonstate.edu/healthy-aging/student-opportunities/life-scholars

Timeline:
- 2018 Application details to come
**College of Science**

**Summer Undergraduate Research Experience: SURE Science**

Program Description:
SURE Science is a competitive program that supports undergraduate science students who wish to pursue research during the summer. The College of Science welcomes undergraduate students to pursue scientific inquiry and engage in research firsthand. Students learn by doing, making it easier to understand the underlying rationale behind the research. Students will identify a mentor faculty member to collaborate on a summer research project.

The maximum award is $5,000 for 11 weeks of full-time research with a sponsoring faculty member and participation in an end-of-the-summer poster session. The award funds can be used to support scholarly research activities.

Eligibility:
- Full-time undergraduate students who are pursuing a baccalaureate degree in the College of Science and in good academic standing
- Students graduating in June are not eligible to participate in SURE Science after they graduate

Contact: Chelsea Wolk
[Chelsea.Wolk@oregonstate.edu](mailto:Chelsea.Wolk@oregonstate.edu)

More information: [http://www.science.oregonstate.edu/SUREscience](http://www.science.oregonstate.edu/SUREscience)

Timeline:
- 2018 Application details to come
Undergraduate Research Experience in Statistics

Program Description:
Designed to prepare undergraduate students for a research experience in Statistical Science. Students will have the opportunity to learn statistical and computational skills and to conduct research projects in one of the following areas: Extreme Value Theory, Multiple Comparisons, Multivariate Statistical Analysis, Modelling of the power grid and other biomedical and statistical problems.

Students will receive a $5,000 stipend for the 10 weeks and up to $600 to cover travel expenses. Lodging and meals will be provided for.

Eligibility:
- Students majoring in mathematics, computer science, statistics, or related field who have had the calculus sequence and course in linear or matrix algebra
- Must be registered as an undergraduate student and should not be graduating by the end of summer 2018
- Must be a U.S. citizen or permanent resident

Contact:
Javier Rojo
jrojo052@gmail.com

More information: http://stat.oregonstate.edu/reu

Timeline:
- Application OPEN
- Application Deadline: April 1
- Program Duration: 10 weeks
Math Research Experience for Undergraduates (REU) - Pending funding

Program Description:

The purpose of the program is to give ten motivated and talented students an opportunity to learn the process of doing mathematical research and to learn more about mathematics as a discipline and profession. The students spend a large portion of their time working on research projects. A few students come up with their own project, but most work on projects suggested by the faculty. Often students work jointly on a project, and students are encouraged to assist with each other’s projects. We view computation positively as valuable experimental tools in mathematics, but our final goal is always to give a proof or mathematical explanation of patterns observed.

Participants receive a $4000 stipend, $500 travel allowance, and (pending negotiations with the university) a room in campus housing. In addition, 12 units of academic credit (quarter system) are earned, and tuition and fees are paid. Students give two talks during the program, one near the beginning and one final presentation.

Eligibility:
- Students from underrepresented groups in mathematics are strongly encouraged to apply
- Must be U.S. Citizens or permanent residents
- Preference given to those graduating the year following the summer program

Contact:

math_reu@science.oregonstate.edu

More information: http://math.oregonstate.edu/~math_reu/index.html

Timeline:
- Application OPEN
- Application Deadline: February 21
- Program Duration: June 25 - August 17