College of Science Research Development Unit (RDU)
128 Kidder Hall
https://internal.science.oregonstate.edu/rdu

TABLE OF CONTENTS

Contact emails:

Proposal assistance requests: COS-Proposal-Support@oregonstate.edu
General inquiries: research.development@science.oregonstate.edu
Grad Studies: cos-gradstudies@oregonstate.edu

Quick access to Pertinent links

RDU Website: https://internal.science.oregonstate.edu/rdu

Funding Opportunities: https://internal.science.oregonstate.edu/rdu/funding

Sign up for our listserv for our newsletter of upcoming opportunities:

Faculty: https://lists.oregonstate.edu/mailman/listinfo/cos-research-employees
Postdocs https://lists.oregonstate.edu/mailman/listinfo/cos-postdocs
Graduate students: We use a college-wide existing listserv that automatically includes students.

INTRODUCTION

The College of Science (COS) promotes a collaborative, interdisciplinary research environment to inspire discovery and foster innovation. Science faculty and students pursue both fundamental and applied research in over 100 labs across campus. We bring unique talent and capabilities to four key areas of interdisciplinary research with global distinction: Marine Science, Biomedical Science, Materials Science and Data Science. These areas represent our global impact in research vital to human and animal life health, the sustainability of our planet, a strong economy with start-ups and innovative market solutions and scientific discoveries that solve our most pressing problems in these areas. The COS includes seven academic departments and key Research Centers and Facilities that span research across a variety of disciplines.

The **Research Development Unit** (RDU) within the College is focused on accelerating research growth by leveraging college resources to encourage faculty to address grand societal research challenges and target funding opportunities to increase the size and number of competitive research grants in alignment with the Oregon State University's Strategic Plan SP4.0, the college's diversity action plan, Embedding Equity, Access and Inclusion, and the College of Science's Strategic Plan.

The RDU designs and implements services to help faculty, staff and student investigators succeed in obtaining and maintaining intramural funding within Oregon State University (OSU), and extramural funding from federal agencies and foundation grants.

Research Development Unit Staff

Vrushali A. Bokil
Associate Dean for Research and Graduate Studies (ADRGS)
128F Kidder Hall

Trenea Moore
Assistant to the Associate Deans
128 Kidder Hall
541-737-1278

Bettye L. S. Maddux, PhD
Director of Research Development
128G Kidder Hall
541-737-7304

Jeffrey Hare, PhD
Research Program Coordinator
128 Kidder Hall
541-737-9643

Chris Suffridge, PhD
Interim Proposal Coordinator
Nash Hall
541-737-8395

Vacant
Proposal Coordinator

Contact email address:
General Inquires: research.development@science.oregonstate.edu
Proposal Support requests: COS-Proposal-Support@oregonstate.edu
Graduate Studies: cos-gradstudies@oregonstate.edu

EXTERNAL FUNDING OPPORTUNITIES

RDU staff post external funding opportunities for faculty, research associates (ECOS), postdoctoral scholars, and graduate students (GP-ECOS) on our Funding Opportunity website.

We also have a listserv for sending important information and broad opportunities that may be of interest in addition to a newsletter. You can sign up here: Faculty/staff researchers: https://beav.es/5T3 and Postdocs: https://beav.es/5qP Graduate Students are automatically added to their COS listserv.
We are aware of the voluminous email everyone gets, so we do try to keep posting to a minimum.

Navigating the pages

ECOS and GP-ECOS have funding opportunities specific to the target audience. Researchers can search general opportunities on the page or search for opportunities specific to broadening participation or innovation and industry.

The top of the page has "College News" for quick access to pertinent information for COS and/or OSU. The next section is "News" which includes dear colleague letters, award nominations and other relevant/interesting news.

Following this section is a "Dates of Interest" section that includes upcoming conferences, workshops, webinars or local events of potential interest.

The funding opportunities section contains requests for proposals (RFP) and funding opportunity announcements (FOAs) from federal and non-federal agencies. The funding opportunities is filterable for faculty, postdocs and graduate students.

Other areas where researchers can search for opportunities:

OSU listed funding opportunities:

- Grant Forward – OSU maintains a subscription. Sign up with your ONID email
- The research office (RO) internal limited submissions deadlines and limited submissions with a short deadline
- OSU Foundation funding opportunities
- OSU GEAR UP education opportunities with rolling deadlines
- Oregon Sea Grant
- OSU Library Databases

Agency links

- Grants.gov
- National Institutes of Health active FOAs
- National Science Foundation
- Department of Energy
- USDA National Institute of Food and Agriculture

Graduate Student Funding Opportunity Support

Graduate students have several opportunities for training and support. We work with other colleges to hold grant writing workshops for students interested in applying to agency fellowship programs. We post these event on the GP-ECOS page.

Southern Regional Educational Board (SREB) doctoral scholars program. There is an opportunity for underrepresented doctoral students to participate in the Southern Regional Educational Board (SREB) doctoral scholars' program. OSU has partnered with SREB to provide mentoring and support for underrepresented doctoral students who are interested in becoming faculty members. While the program is designed primarily for underrepresented students, anyone can apply. The SREB-Doctoral Scholars Program was established more than 20 years ago to increase the number of underrepresented scholars who earn the Ph.D. and to address the need for a more diverse college faculty. OSU will support 4 doctoral students and their advisors to participate in the SREB program at no cost to your department.

Preference is given to candidates who are just beginning or within their first year of doctoral study. Scholars who have completed requirements for the doctorate through the defense of the dissertation proposal are eligible for one-year of program support to work on the dissertation. SREB is especially interested in candidates from STEM disciplines however other disciplines are welcomed. Additionally, the doctoral advisor can attend the SREB Teaching and Mentoring Conference for two years with the doctoral student at no cost to the advisor or student based on our agreement with SREB.

The College of Science Student Travel Award (COSSTA)

The College of Science Student Travel Fund awards $500 to graduate students in the College to encourage and support research presentations in international professional conferences. COSSTA are awarded quarterly (February, May, August, November). Applications may be submitted after these deadlines but may not receive consideration. All funding awards are subject to availability of funds. A departmental or grant match is required.

PNNL-OSU Distinguished Graduate Research Program

Through the PNNL-OSU Distinguished Graduate Research Program, Ph.D. candidates will earn a stipend along with benefits while on appointment under a prestigious graduate committee on nationally relevant research. It is a unique opportunity to tap into the knowledge and world-class research infrastructure available at both institutions.

For questions, email Maureen Childers at PNNL-OSU.DGRP@oregonstate.edu

COS Internal Funding Program (COS-IFP)

The College of Science Internal Research Funding Program comprises several internal funding opportunities to support the research and infrastructure needs of college of science faculty.

The overarching aim of this program is to increase the number of proposals submitted to external funding agencies (state, federal, foundations and other) to increase extramural funding awarded to, and the research stature of the College of Science. We aim to do this in ways that are equitable, inclusive and provide access to diverse members of our community.

A summary is provided below. Please see the Internal Funding Program for updated guidelines and eligibility. This site is updated as we hone our process and update the available funding.

The College of Science Research and Innovation Seed Program (SciRIS)

The SciRIS Program funds projects based on individual & collaborative research involving the College community and beyond. The funds for this program come from Education & General Funds and Foundation funds such as the Robert W. Lundeen Science Faculty Development Award Fund, Ben & Elaine Whiteley Materials Research Fund, Venture Fund and the Disease Mechanism and Prevention Fund.

SciRIS accelerates the pace of research, discovery, and innovation by enabling scientists to collaborate with diverse scientists across an array of disciplines. SciRIS has a unique purpose focused on profound rewards. There are two pathways through this program, the SciRIS Stages 1-3 and the SciRIS individual investigator award (SciRIS-ii).

See what has been funded in this program in the past.

Other opportunities include:

The Disease Mechanism and Prevention Fund

Provided by a generous gift from David and Donna Gould to establish the College of Science, the Disease Mechanism and Prevention Fund (DMPF) is to be used for the support of research into the mechanism, diagnosis, treatment and prevention of (human) disease by faculty within the College of Science.

The College of Science Industry Partnership Award

The College of Science Industry Partnership Award provides critical resources for projects that take a new direction, utilize a new technology or are in the "proof-of-concept" phase.

Key Dates

Program	Award Amount	Deadline
SciRIS Stage 3	Up to $125,000	15 April
Stage 2	Up to $75,000	15 April
Stage 1	Up to $10,000	15 October
SciRIS-ii	Up to $10,000	15 October
Disease & Prevention Fund	Up to $10,000	15 October
Industry Partnership	Up to $10,000	15 October

Eligibility

All COS faculty and research professionals are eligible to submit a proposal. The lead PI should be in COS. *At least two departments at OSU must be represented in an application.* Applicants may serve as PI or receive major funding for only one funded project (SciRIS-ii, SciRIS Stages 1-3, DMPF, Industry Partnership award, etc.) at any time. Applicants may serve in support roles on one or more funded grants.

Duration, reporting, no cost extension policies

1. Duration for all awards is 12 months and funds must be spent within 12 months.
2. A final report is due one month after termination of award. Awardee must submit a report describing how the award contributed to advancing a partnership toward concrete outcomes.
3. No cost extensions: The College of Science Internal Funding Program provides seed funds for one year. We anticipate that some projects may experience challenges that could delay outcomes and deliverables.
   a. If your funded project meets this criterium and you would like to request a no cost extension (NCE), you'll need to fill out the following form: **https://beav.es/cew** (Note this requires ONID login).
   b. The NCE request will be reviewed by the College of Science Research Development Unit (RDU) and a recommendation will be sent to the Dean of Science by the Associate Dean for Research and Graduate Studies. If approved by the dean, an appropriate NCE will be provided.
   c. Note: Filling out the form does not guarantee that an NCE will be granted. Please contact the COS RDU for further details at **research.development@science.oregonstate.edu**.

DIVISION OF RESEARCH AND INNOVATION (DRI) OPPORTUNITIES

The College of Science provides cost matches for [RERF proposal submissions.](#) The COS internal deadline for 2023 is to be determined and will be announced.

OSU Bridge Funding

"The bridge funding pool seeks to assist faculty who are between externally funded research grants. A principal investigator is responsible for applying to the Research Office if they are seeking financial support from this pool. PIs will need to demonstrate a record of sponsored research awards and expenditures, define the critical bridging needed, describe the plan and timeline for securing new external funding, and secure the approval of their department and college leadership. Awards from the pool will be made through a review process managed by the Research Office."

Awards are typically between $50,000 and $120,000.

Research Impact and Advancement Academy

"This research leadership professional development program aims to provide faculty fellows opportunities to develop knowledge, skills, practices, and relationships needed to successfully lead large transdisciplinary proposals & funded solutions-focused research programs."

Transdisciplinary Research Seed Fund Program

The purpose of the 2024 Transdisciplinary Research Seed Fund Program is to support OSU faculty as they build a transdisciplinary research team or seek to sustain momentum of an existing team and/or scale-up collaborative research efforts towards the submission of large proposals that directly support [Prosperity Widely Shared: The Oregon State Plan](#) (SP5.0). Faculty teams are expected to use seed funds to advance new research and partnerships and develop submission-ready proposals by the end of the award period.

There are three tracks:
- Team Building – up to $25K including matching funds
- Proposal Development – up to $50K including matching funds
- Scale-Up: up to $100K including matching funds

PROPOSAL SUPPORT SERVICES

Proposal support services within the COS Research Development Unit is designed to assist faculty with proposal preparation support. Please email us at COS-Proposal-Support@oregonstate.edu if you would like assistance and to set up an appointment.

The Office for Sponsored Research and Award Administration (OSRAA) requires at least five business days prior to the deadline to review and approve your proposals. It's best to submit the Cayuse record for routing 7 days prior to the deadline. You can still work on the project description, but the budget and justification should be finalized. **OSRAA now requires all proposals to be submitted to the agency one day prior to the actual due date.**

Because there are many pieces to a proposal and strict adherence to agency guidelines and OSU policy, we recommend that you begin the process well before the deadline (sooner is better). The support we can offer will depend on how far in advance you've reached out to us. See our level of services below.

Activities / Timeline	Greater than or = 3 months	Between 2-3 months	Between 1-2 months	Between 2 weeks- 1 month	Less than 2 weeks	Less than 1 week
Strategic Planning (large, complex proposals)	■	☐	☐	▣	▣	▣
Team assembly and coordination	■	☐	☐	▣	▣	▣
NOFO (RFP, FOA) Review	■	■	■	☐	▣	▣
Budget development	■	■	■	☐	▣	▣
Budget justification development	■	■	■	☐	☐	▣
Budget review	■	■	■	■	☐	▣
Budget justification review	■	■	■	■	☐	▣
Coordination with subaward institutions	■	■	■	■	☐	▣
Assistance with Cayuse record	■	■	■	■	☐	▣
Assistance with logistical documents (biosketchs, CPS, COAs, etc)	■	■	■	■	☐	▣
Uploading documents into portals (Cayuse 424, research.gov, etc)	■	■	■	■	☐	▣

Key: ■ Service guaranteed   ☐ Service likely but not guaranteed   ▣ Service depends on availability

Recommended checklist and timeline for proposal preparation.

16+ weeks (especially for big, collaborative proposals) before the deadline
- Pull the team together.
- Develop a timeline and checklist for proposal writing, review, and logistics (Cayuse record and review, budget development, biosketches, current and pending, etc).
- Contact Proposal Support for assistance on logistics.
- Meet with Proposal Support to discuss proposal needs particularly around large proposals.

8-12 weeks before the deadline
- Reach out to Proposal Support for any logistical pieces (forms, institutional letters, institutional info, etc.) you might need assistance with at this point, so you can focus on writing.
- Work with Proposal Support to create a checklist of all items needed such as support letters, subcontractor documents, cost sharing agreements, etc.
- Prepare the budget and/or work with proposal support to develop your budget
- Create the Cayuse SP Record and Cayuse 424 or external portal application if applicable.

2+ weeks before the deadline
- Complete Cayuse SP (and the agency sites, 424 (a system-to-system interface to submit through grants.gov, research.gov, proposal central, etc).
  - Finalize budget and justification.
  - Attach files needed for approvals (budget, justification, draft scope of work, note, you can continue to work on the research plan after routing).
  - Obtain documented cost share agreements, if applicable.
  - Subcontractor documents, if applicable
    - Budget
    - budget justification
    - Statement of Work (SOW)
    - Letter of Intent from the subcontractor's organization
    - Rate agreement

7 days before the deadline
- Submit Cayuse SP for routing. This is very important. It can take a few days to get departmental and college level approval signatures and OSRAA requires a minimum of 5 days to review after all units have authorized the proposal.

4-5 days before the deadline
- Upload all logistical pieces of the proposal to the sponsor website. You can continue working on the technical proposal and references.

2-3 days before the deadline
- Review and reply on comments from OSRAA
- Upload any remaining proposal pieces
- After OSRAA approval, notify OSRAA at proposals@oregonstate.edu when your proposal is ready to be reviewed. Please Cc COS-Proposal-Support@oregonstate.edu.

1 day before the proposal deadline
- Complete your project description and references and any other remaining documents.

- Notify OSRAA at proposals@oregonstate.edu when your proposal is ready for submission. Please Cc COS-Proposal-Support@oregonstate.edu.
- OSRAA will not submit your proposal without your explicit permission so it's ok to give them full access.
- Submitting the proposal 1 day before the actual due date is an OSRAA requirement because,
  - Online systems can be slow on the day of the deadline.
  - Some agencies give you a day or two to fix any issues you or they find *prior to* the due date

Depending on when your proposal is due, we can assist you through the proposal preparation and submission process.

Day of proposal deadline

- Check your proposal with the agency or deal with any submission issues.
- Relax, it's done!

Examples of things we can assist with

Let us know what you would like assistance with as you prepare your proposal. Depending on the timing, we're happy to help you with the logistics so you can focus on the writing.

- *New faculty:* For your first one or two proposals, we'll guide you through the proposal preparation and submission process so you can learn how OSU prepares and submits proposals.
  - One-on-one training with new researchers the process for proposal submissions. Our online system to submit proposals through OSU for review and approvals is called Cayuse.
  - Cayuse system registration and training on the portal
  - Grant budgeting basics: assisting with budget and budget narratives. We also have some prior workshop videos.
  - Coordinating with subaward institutions.
  - All of the things listed below following your first submission. Once you feel comfortable with the process, we can take over the logistical pieces so you can focus on your writing.
- Cayuse record creation and/or review.
- Reviewing the NOFO/RFP/FOA guidelines to ensure compliance.
- Collecting and reviewing required documents.
- Coordinating with collaborating institutions (e.g sub-awards) to obtain the required documents.
- Budget and budget narrative review or development. We provide some templates and can assist with personnel costs, or we can develop a draft budget for you to edit.
- Grant editing and compliance checking as available.
- Uploading documents into the proposal submission portal.
- Something else not listed here? Ask us! Depending on the due date and number of proposals in our cue, we'd be happy to assist you.

Large, Complex multi-disciplinary, large-scale projects (e.g., training grants, center proposals)

We can help you build a team and/or work with your team to prepare and submit large, complex proposals such as Training or Center grants. We can schedule brainstorming and planning meetings, take notes during the meetings, draft a checklist, develop the budget and justification, collect, refine the logistical documents as needed. Depending on the size of the proposal, we may be able to support hiring a grant writer. We can also help you coordinate a red team review by the research office.

Once funded, the large Center proposals can get some dedicated post-award support from us, such assistance with hiring and mentoring a program coordinator, subaward contracting requests, and assistance in launching the center. Reach out to us for assistance with your proposal.

OSU-OMSI Science Communication Fellowship

Oregon State University and the Oregon Museum of Science and Industry (OMSI), one of the nation's leading science centers, have enjoyed a close partnership since 2016. This partnership continued as a legacy to the Center for Sustainable Materials Chemistry, an NSF funded Center for Chemical Innovation. Joining forces to bring together researchers, educators and the public, OSU and OMSI have helped researchers collaborate more effectively on the broader impacts of their grant proposals.

OMSI hosts its popular Science Communication Fellowship cohort program on OSU's Corvallis campus every spring. More than 70 students, faculty and staff from across science at OSU have completed the training program, including the Colleges of Science; Engineering; Earth, Ocean, and Atmospheric Science; Agricultural Sciences; Forestry; and Public Health and Human Sciences.

COS hosts a brown bag information session in October or November and invites all colleges to participate and learn more about the program. Application deadlines are generally in December. The first three workshops are held on the OSU campus typically on a Thursday (January, February, April) and the fourth at OMSI (end of April).

Depending on funding, the College of Science Dean will support scholarships for up to half the tuition to participate in the Science Communication Fellows Program *for College of Science participants*. We also offer funding models on our outreach website to help you raise the funds for the tuition.

Applications are typically due in December. https://omsi.edu/science-communication-services

Email research.development@science.oregonstate.edu with any questions.

FACULTY AND STAFF AWARDS

The Research Development Unit manages the following Faculty and Staff Award nominations:

- Dean's Early Career Achievement Award
- F.A. Gilfillan Award for Distinguished Scholarship in Science
- Milton Harris Award in Basic Research in Science
- Outstanding Faculty Research Assistant or Associate Award

The deadline is posted on the website but are typically in December or January. Departments nominate one person for each award. Selections occur by a peer review panel committee using a holistic rubric for each award.

TRAVEL AWARDS FOR GRADUATE AND UNDERGRADUATE STUDENTS

College of Science Student Travel Fund (COSSTA) awards are for students in the College who need financial support to attend professional conferences to present their research findings and will help cover certain costs associated with presenting their scholarly work at academic conferences and meetings. These funds are intended to help undergraduate and graduate students take advantage of presentation opportunities to highlight the outstanding academic work of our scholarly community, and ultimately support student success.

Email cos-gradstudies@oregonstate.edu

GRADUATE STUDENT SCHOLARSHIP/FELLOWSHIPS

The Research Development Unit works with the departments' graduate advisors during the graduate recruiting and offer several scholarships and fellowships to attract the most meritorious and diverse student cohort.

Fellowships and scholarships designed to recruit new students are:

- ARCS Foundation Scholarship
- Wei Family Private Foundation Scholarship
- Provost Distinguished Scholarship
- Provost Distinguished Fellowship

We also offer the **Larry W. Martin and Joyce B. O'Neill Endowed Fellowship**. The Martin-O'Neill Fellowship is awarded to a graduate student from any department in the College of Science whose research involves computational modeling. This Fellowship covers a stipend disbursed quarterly and a tuition waiver for the academic year. The Fellowship begins at the start of fall term and continues for one calendar year. The Fellow's department is responsible for the tuition payment during the summer term at 3 credits.

Each department may nominate one graduate student whose research focus involves computational modeling. Nominees in the 2nd or later years of the PhD program will be given preference during the selection process (contingent on funding).

Acronyms

College of Science .... COS
Research Development Unit .... RDU
Faculty and staff researchers' electronic news and funding opportunities .... ECOS
Graduate student and postdoc electronic news and funding opportunities .... GP-ECOS
Requests for proposals .... RFP
Funding Opportunity announcements: .... FOA
New Funding opportunity announcements (NIH's new acronym) .... NOFO
Internal Funding Program .... COS-IFP or IFP
Science Research and Innovation Seed Program .... SciRIS
Science Research and Innovation Seed Program individual investigator award .... SciRIS-ii
Office for Sponsored Research and Award Administration .... OSRAA
Division of Research and Innovation .... DRI