

RESEARCH NEWS

DECEMBER 2024

FUNDING OPPORTUNITIES

As funding opportunities are announced we will compile a full list on our website. The web page will be updated as new opportunities are discovered.

NASA ROSES - ECOHYDROLOGY

ECOHYD focuses on interactions between water and ecosystems through the lens of the coupled water, energy, and carbon cycles. Interdisciplinary teams are invited to propose novel strategies for evaluating and improving the realism of modeled ecosystem response sequences to pulse events.

Letter of Intent Deadline: January 16, 2025

NASA ROSES - FARMFLUX SCIENCE TEAM

FarmFlux is designed to quantify emissions of reactive and greenhouse gases from U.S. agriculture and characterize agricultural impacts on air quality and ecosystems. Applications sought for a FarmFlux science team who will work together to address four related objectives.

Letter of Intent Deadline: January 17, 2025

[View All Funding Opportunities](#)



MICHELLE PHAM | ENTOMOLOGY

INSIDE THIS ISSUE

- Changes to the IRB Approval Process, a message from Dr. Gary Pierzynski, Associate Dean for R&GE.
- The summer 2025 Undergraduate Research Experiences Survey is now available for faculty members.
- Reminder - all faculty members at The Ohio State University have access to LabArchives Electronic Lab Notebook.
- Join the CFAES Office for Research and Graduate Education for D.C. Days 2025.

CHANGES TO THE IRB APPROVAL PROCESS

Gary Pierzynski, Associate Dean for Research & Graduate Education



I wanted to make you aware of some upcoming changes to the IRB approval process. OSU is switching from Buck-IRB to the Huron system and there will be a period from approximately mid-January until mid-March when new IRB protocols, annual reviews, or revisions to existing protocols will not be processed while the transition is occurring.

Those needing service from Buck-IRB before that period should try to submit to Buck-IRB prior to January 13. After January 13, protocols and reviews will not be processed until the new system is in place in March. I would further encourage people to submit well before January 13 to ensure as rapid an evaluation as possible. No doubt there will be a large number of submissions the few days before the deadline that will take some time to process. Items submitted to Buck-IRB prior to January 13 will automatically be migrated to the new system.

Additional details and instructions will be available soon.



SPOTLIGHT

NEW EFFORT CERTIFICATION TRAINING FOR PIS

OSP has created a 20-minute training video specifically for PIs that explains the why and how, as well as clearly explaining the role of the PI in managing effort on sponsored awards. *From ORIC Post-Award News, Updates & Reminders on 11/20/24*

OHIO STATE TRAVEL POLICY UPDATED

Changes include added definitions; allowing travel and childcare costs for children in certain circumstances; and additional requirements for expense submission & approval. *From ORIC Post-Award News, Updates & Reminders on 11/20/24*

GRO ACADEMY APPLICATIONS DUE DEC. 6

GRO is a free, 8-week, in-person professional development program for faculty across disciplines. GRO helps build confidence & skills to lead interdisciplinary research teams. *From an email from Krista Richardson (ERIK) on 11/13/24*

NIH UPDATE TO SALARY LIMITATION ON GRANTS

Updated Guidance on salary limitation for Grants & Co-op Agreements applying to new, competing renewal, and non-competing continuation awards issued on/after 10/1/24. *From NCURA's e-Xtra on 11/25/24*

IN THE NEWS

SUMMER 2025 UNDERGRADUATE RESEARCH EXPERIENCES SURVEY

Calling all faculty who are interested in mentoring an undergraduate student as part of a CFAES summer research experience. Please [complete this survey](#) as soon as possible! We will use this information to aid in planning and matching students with labs for the summer 2025 programs.



The college will default to matching only one student per faculty member for each program (ORIP/SROP), unless funding allows. If you have available funding to sponsor additional student researchers, please indicate this in the survey.

Faculty matches will be made by the college and will generally be prioritized using the following criteria:

1. Student mentions a specific faculty member within their application;
2. Student research interest is aligned with faculty project/lab;
3. Faculty has successfully mentored a student in the past;
4. Faculty was matched with a student in the past that was unable to be funded through the program;
5. Faculty has participated in mentoring training, including but not limited to those provided through the University;
6. Faculty is actively recruiting graduate students to be funded the following academic year.

Completing this survey does not guarantee that you will be matched with a student.

Communication of student-faculty matches will be coordinated by either Alexis Didingler for ORIP or Tiffany Halsell for SROP. Where more than one student is matched with a single faculty member, we may ask you to assist us by prioritizing applicants based on their application strength for your lab.

CFAES participates in two primary summer undergraduate research experience (REU) programs, SROP and ORIP. The college will aim to sponsor one student per faculty member per program. Please indicate if you have funding available to sponsor more than one student. Note that student matches cannot be guaranteed and ultimately depend on the interests indicated in the applicant pool.

Summer Research Opportunities Program

SROP is run through the [Big Ten Academic Alliance](#). The anticipated dates for the OSU program are May 28 to July 25. SROP is used as a graduate student recruitment tool. SROP operates at a cost share between the College and the Graduate School, allowing participation at no cost to faculty who mentor one student over the summer. If you would like to host more than one student, this cost is estimated at \$5,000 per student.

OSU Research Internship Program

ORIP takes place on the CFAES Wooster Campus. ORIP targets young researchers age 18+ hoping to gain research experience over the summer. Through lab and field research, interns receive hands-on experience in data collection and analysis, project design, and scientific communication of results. This year's program will run from May 12 to July 18. ORIP operates at a 50/50 cost share between the college and interested faculty. If more than one student is desired, you may be asked to fully fund students beyond the first match.

[ORIP Info](#)

[SROP Info](#)

[Visit Survey](#)

APPLY TODAY FOR D.C. DAYS 2025!

The CFAES Office for Research and Graduate Education and the Grant Development Support Unit (GDSU) are pleased to announce D.C. Days 2025.

This program provides an opportunity for faculty researchers from the College of Food, Agricultural, and Environmental Sciences (CFAES) to become more competitive by visiting federal program officers and federal funding agencies in Washington D.C. It enables researchers to determine if their basic research concepts align with the sponsor's mission, seek advice concerning project design and appropriate funding tracks, and better understand the peer review process.



Participants will be chosen through a competitive application process to attend the 3-day trip. Applications are accepted from any interested faculty member; however, priority is given to those with the rank of Assistant Professor (pre-tenure), especially those who have grant writing experience.

Previous attendees are welcome to apply; however, they will not be eligible for the GDSU stipend.

Applications are due January 8, 2025.

Apply Now

EXPLORE THE BENEFITS OF LABARCHIVES ELN – A POWERFUL TOOL FOR FACULTY

We're excited to remind you that all faculty members at The Ohio State University have access to LabArchives Electronic Lab Notebook (ELN), an invaluable resource designed to streamline your research workflow. LabArchives ELN is a secure, cloud-based platform that allows you to manage, organize, and share your research data with ease. Whether you're documenting experiments, tracking progress, or collaborating with colleagues and students, this tool simplifies how you manage information while maintaining compliance with institutional and federal data management policies.

By leveraging LabArchives ELN, you can enhance the efficiency and transparency of your research activities. The platform's intuitive interface makes it easy to create detailed, well-organized records that are accessible anytime, anywhere. Plus, features like version tracking and secure sharing provide peace of mind, ensuring your data is both protected and accessible to authorized collaborators. Don't miss the opportunity to elevate your research with this powerful tool—it's available to you at no cost as part of our university's commitment to supporting innovative research and collaboration.

For more information or to get started, visit [LabArchives - Electronic Lab Notebook | Ohio State Office of Research](#).

Learn More



LabArchives

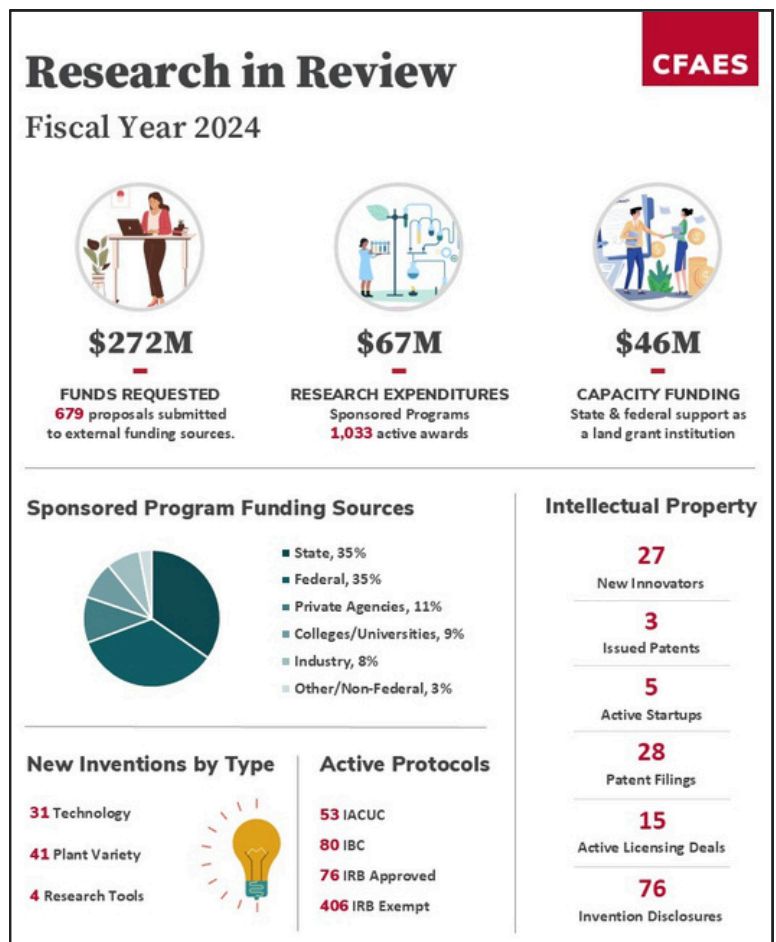
FY2024 RESEARCH IN REVIEW INFOGRAPHIC

CFAES R&GE has released the FY 2024 Research in Review Infographic. The Research in Review highlights CFAES research expenditures, funds requested, awards, and projects taking place over the course of the past fiscal year.

The infographic has been released annually since 2017 as a summation of the accomplishments of the researchers working in our college. CFAES Research Metrics, including previous Research in Review infographics from the past 5 years, are available on the R&GE website.

Questions regarding any data listed in the infographic can be directed to [Alexis Didinger.2](#).

[View Metrics](#)



RESEARCH DEVELOPMENT & GRANT WRITING NEWS

We invite you to access the current issue of Research Development and Grant Writing News. The Enterprise for Research, Innovation, and Knowledge | Research Development Office provides access to this subscription-based newsletter for the entire campus community.

- November 2024 Select List of Humanities, HSS, and Arts Opportunities & News – We list funding opportunities for scholars in the humanities, social sciences and the arts.
- NIH Replication to Enhance Research Impact Initiative – We discuss NIH’s Replication to Enhance Research Impact Initiative.
- The Role of Reproducibility and Replicability in NSF Research Funding – We discuss reproducibility and replicability concerns in the context of writing NSF proposals, and related funding opportunities.
- Importance of Reproducibility and Replicability in STEM Education Funding – We discuss how reproducibility and replicability concerns should inform education funding proposals.
- Analyzing NSF CAREER Reviews and Planning Your Revisions – CAREER funding decisions and reviews are starting to trickle out to PIs, and most of those proposals will be declined. We discuss how to analyze reviews and develop a plan to respond to them in the next submission.
- Connect Funding Opportunities to Societal Challenges – We discuss NSF’s Connecting Funding Opportunities to Societal Challenges initiative (reprinted from Nov. 2022)
- The Dos and Don’ts of Writing the Statement of Purpose for a Humanities/Social Sciences Funding Application – We discuss how to write the statement of purpose in a way that will inspire your reviewer to want to read the rest of your proposal (reprinted from Nov. 2023).

From the November 2024 Issue of Research Development & Grant Writing News on 11/20/2024 - Subscribe

[Read More](#)

CO-OP INSTITUTE FOR GREAT LAKES RESEARCH (CIGLR) 2025 PARTNER PROGRAMS

CIGLR is accepting proposals from Regional Consortium members for a suite of programs that aim to build collaborative partnerships through career development opportunities, visionary science, and impactful outreach. Please visit the full program announcements linked below for descriptions, eligibility, and application information. More information can also be found on the [CIGLR website](#). Contact CIGLR Managing Director Mary Ogdahl (ogdahlm@umich.edu) with questions.

Postdoctoral Fellowships ([full announcement](#)) | Deadline: January 31, 2025

- Description: Up to three (3) one-year postdoctoral fellowships (\$90,000 ea.) are available for projects that directly address one of CIGLR's 4 [research themes](#). We will also consider applications for up to 2-year fellowships (\$180,000). Postdocs must be co-advised by a CIGLR consortium member and a NOAA GLERL or CIGLR Research Institute research scientist.
- Eligibility: Any mentor or postdoc at a CIGLR Regional Consortium institution or organization.

Graduate Research Fellowships ([full announcement](#)) | Deadline: January 31, 2025

- Description: Three (3) graduate fellowships (\$40,000 ea.) are available for projects that directly address one of CIGLR's 4 [research themes](#). Students must be co-advised by a faculty member from the CIGLR consortium and a NOAA GLERL or CIGLR Research Institute research scientist.
- Eligibility: Any faculty member or graduate student at a CIGLR Regional Consortium institution.

Summer Fellowships: Mentoring ([full announcement](#)) | Deadline: November 29, 2024

- Description: Mentoring opportunities for six (6) summer internship positions are available for CIGLR consortium members to engage with NOAA GLERL and CIGLR on a student research project. CIGLR administers the fellowship program on behalf of NOAA GLERL - no direct funding is available.
- Eligibility: Any principal investigator at a CIGLR Regional Consortium institution or organization may submit a proposal. Fellowship position proposals must include co-mentorship by a NOAA or CIGLR Research Institute collaborator.

Summits and Working Groups ([full announcement](#)) | Deadline: January 31, 2025

- Description: Funding is available to support three (3) summits or working groups (up to \$20,000 ea.). Summits are 2-3 day meetings of 20-30 experts from academia, NGOs, government agencies, and businesses that summarize the state of knowledge and recommend future research priorities on problems in the Great Lakes that span decadal time-scales. Working groups convene smaller groups (8-12) for up to one week to make detailed progress on more narrow Great Lakes issues with solutions on time scales of months to years.
- Eligibility: Any principal investigator at a CIGLR Regional Consortium institution or organization may submit a proposal. SWGs must include one or more NOAA GLERL representatives on the steering committee; SWGs led by CIGLR's NGO or business partners must also include one or more academic PIs from the Regional Consortium on the steering committee.

ECO Support ([full announcement](#)) | Deadline: January 31, 2025

- Description: Funding is available to support two (2) undergraduate or graduate students (\$8,000 ea.) who incorporate an engagement, career training, or outreach component into their research.
- Eligibility: Any principal investigator or student affiliated with a CIGLR Regional Consortium institution or organization.

Seed Funding ([full announcement](#)) | Deadline: no deadline

- Description: Funding (up to \$12,000 ea.) is available for Regional Consortium members to initiate research on emerging issues and respond to emergencies in the Great Lakes. We broadened the former rapid fund program beyond its focus on emergency response to encompass work on emerging issues and research directions, to help provide the foundation for new research initiatives.
- Eligibility: Any principal investigator or student affiliated with a CIGLR Regional Consortium institution or organization.

From an email from Mary Ogdahl, Cooperative Institute for Great Lakes Research on 11/18/2024

PIS CAN GIVE ACCESS TO GRANTS IN THE PI PORTAL

If you would like one of your project staff to access a specific grant in the PI Portal to review budget items and help manage remaining spending on the grant, you can provide access by:

1. [Login](#) to PI Portal. (orapps.osu.edu/piportal/home)
2. Click on the Access Controls tab. To grant access to your PI Portal view, type the designee's name in the box on the left hand side of the screen.
3. To add an individual to only a specific grant(s), pull up the grant(s) you wish to share. Click on the Demographics tab then click Add Grant Administrator.

From ORIC Post-Award News, Updates & Reminders on 11/20/24

CALL FOR PROPOSALS: PROGRAMS OF EXCELLENCE IN ENGAGED SCHOLARSHIP

To support and promote high-impact engaged scholarship, the Office of Outreach and Engagement has instituted a process to certify programs of excellence in engaged scholarship. The certification process seeks to identify and certify up to 20 projects annually that demonstrate excellence in community-engaged scholarship and meet the criteria of high-impact engaged scholarship.

From the CFAES News on 11/20/2024

[Learn More](#)

THE DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM (DURIP)

ERIK's Research Development team will host a [virtual info briefing on 12/4 at noon](#) related to the [DURIP](#). DURIP supports university research infrastructure essential to high-quality, Department of Defense-relevant research. Anticipated to have a February 2025 deadline, the next DURIP solicitation can be a way to acquire needed DOD-aligned instrumentation and can be as straightforward as the addition of an objective to a current project. Interested faculty should share potential ideas by 12/18 via [this form](#).

From an email from Krista Richardson (ERIK) on 11/13/24

[Learn More](#)

REEPORT UPDATES TO IMPROVE PUBLIC ACCESS

USDA [Departmental Regulation \(DR\) 1020-006](#) requires all peer-reviewed, scholarly publications and digital scientific research data assets arising from unclassified scientific research supported wholly or in part by the USDA be accessible to the public, to the extent practicable. For more information, see the [Public Access for NIFA-Funded Work webpage](#). To comply, NIFA has made updates to its Research, Extension, and Education Project Online Reporting Tool (REEport). REEport Annual Progress Reports and REEport Final Reports now include updates to two fields and six new fields. See the [REEport User Guide](#) for more information.

From the USDA National Institute of Food and Agriculture Daily Digest Bulletin on 11/20/2024

[Learn More](#)

OVSFRDP APPLICATION NOW AVAILABLE

The 2025 research application for the Ohio Vegetable and Small Fruit Research and Development Program is now available. Please keep in mind that the goal of the Ohio Vegetable and Small Fruit Research and Development Program (OVSFRDP) is to improve the profitability and marketability of vegetable and small fruit crops through research and development. The grower-generated grant funds sponsor crop research supporting the development of new varieties, new cultural and pest management practices, and other activities to enhance the profitability of vegetable and small fruit crops.

The timeline this year is as follows:

January 4 - Deadline for submission of researchers' proposal for board consideration

January 21 - OVSFRDP Operating Committee will meet to select proposals and decide on grant allocations. Recipients will be notified.

October 10 - Interim summaries or updates due.

November 7 - OVSFRDP Meeting

January 6 - Final report due. Due date extensions must be approved by OVSFRDP Operating Committee.

[Read More](#)

RECENT AWARDS

- Gwynn Stewart, Kyle White, Myra Moss, Nancy Bowen-Ellzey – OSU Extension, \$40,000: Partnering to customize building an entrepreneur friendly community curriculum for the outdoor recreation, Purdue University
- Leah McHale – HCS, \$50,000: Breeding to increase soybean seed oil and protein reserves for the development of high value soybean cultivars and germplasm, North Dakota State University
- Garrett Owen – HCS, \$110,000: Enhancing growth and expanding profitability of Ohio's ornamental nursery industry, Ohio Department of Agriculture
- Logan Minter – OSU South Centers, Ashley Leach – ENT, \$79,668: Counting bees to save dollars: Improving OH vegetable pollination, Ohio Department of Agriculture
- Kelley Tilmon, Andy Michel – ENT, \$60,000: Management tactics and tools for insect pests in the north central region, University of Nebraska
- Luis Rodriguez-Saona – FST, \$23,644: Vibrational spectroscopy to authenticate raw avocado oil materials, Kraft Heinz Company
- Linda Saif, Anastasia Vlasova – CFAH, \$248,005: Testing of parenterally administered live attenuated rotavirus vaccine, Centers for Disease Control
- Nicholas Basta – SENR, \$32,254: Evaluation of in vitro bioaccessibility for assessing the biogeochemistry of lead and other elements in soil, US Geological Survey
- Sami Khanal – FABE, \$50,000: Exploring sustainable, climate-smart nitrogen fertilizer management options in Nepal, USDA Foreign Ag Service
- Talita Resende – Animal Sciences, Andréia Arruda – Vet Med, \$27,408: Understanding the background of foreign labor (TN visa workers) in the US swine industry, University of Missouri

EVENTS AND OPPORTUNITIES

UPCOMING NIFA WEBINARS

Reviewing and Evaluating Transdisciplinary and Engaged Research Projects

12/11/24 | 1:00 PM EDT

Join NIFA for a webinar series highlighting opportunities and challenges of transdisciplinary approaches within agricultural research.

NIFA's Contributions to Integrating Nutrition and Health

12/11/24 | 3:00 PM EDT

Join NIFA for an overview of contributions to the National Strategy on Hunger, Nutrition, and Health - Integrate Nutrition and Health and a panel discussion to reflect on efforts to date and shape work ahead.

NIFA's Contributions to Tackling Food and Nutrition Insecurity

1/8/25 | 2:00 PM EDT

This webinar will provide an overview of NIFA's contributions to tackling food and nutrition insecurity. Moderated by Sheila Fleischhacker, PhD, JD, RDN, National Science Liaison – Food Safety and Nutrition.

From USDA National Institute of Food and Agriculture Daily Digest Bulletin 11/27/2024

12.4

Introduction to Office of Secure Research | 2:00-3:00 PM

Get an introduction to the office and its role in international research collaborations and engagement, and the tools OSR offers to ensure compliance with federal requirements.

From an email from Karla Gengler-Nowak on 8/9/2024

[Register Now](#)

12.18

An Overview of Compliance Issues in Sponsored Programs | 10:00-11:30 AM

Time and effort certification, common missteps in program management, recognizing red flags and handling appropriately and professionally.

From an email from Karla Gengler-Nowak on 8/9/2024

[Register Now](#)

1.23

Purchasing on Sponsored Programs | 1:00-2:30 PM

Differences and similarities of purchasing on sponsored programs vs. general funds, basic rules and regulations, human participants/petty cash, field work.

From an email from Karla Gengler-Nowak on 8/9/2024

[Register Now](#)

