



Research News

March 2022

Funding Opportunities

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

Farm Business Management and Benchmarking Grants

NIFA's FBMB Competitive Grants Program provides funds for improving agricultural producers' farm management knowledge and skills by maintaining and expanding a national, publicly available farm financial management database to support improved farm management.

Deadline: April 8, 2022

ODA: Specialty Crop Block Grant Program

This program provides funding for projects to enhance the competitiveness of crops such as fruits, vegetables, nuts and nursery crops. To qualify, the grants must be used to support projects that raise awareness about and increase demand for specialty crops grown in Ohio.

Deadline: March 25, 2022

[View All Funding Opportunities](#)



Frank Becker | OSU Extension

Inside the Issue

- R&GE aims to provide useful resources to support our graduate faculty
- Gain some useful insight into managing your award portfolio in Workday
- R&GE announces CFAES Internal Grant Program 2022 Faculty Awards recipients
- Register now for the next session in the R&GE Seminar Series: Technology Commercialization - the OSU Startup Process
- Save the date for the 2022 Annual CFAES Celebration of Research Week April 11-15

Spring Resources for Graduate Faculty and Advisors

Kayla Arnold, CFAES Graduate Education Program Manager

There are many things going on this spring to keep us busy, between the many deadlines throughout the semester to planning for summer research. It is hard to believe it is already March! R&GE aims to provide useful resources to support our graduate faculty. Based on questions and feedback received, this month we will be offering a [workshop](#) in coordination with OSU Counseling and Consultation Service to address resources and questions about graduate advising. This session will cover resources available with a strong focus on supporting graduate student mental health and wellness. We will share some insight about our CFAES student population, including challenges we are seeing related to graduate advising. We encourage all graduate faculty to register for this important session. Others from the graduate education community, such as Graduate Program Coordinators, are also welcome to attend.

Our thoughts are with students, faculty and staff impacted by the conflict in Ukraine. Know that as global events continue to unfold, this may lead to increased stress for our community members. Please take time to check on your students. While this crisis is ongoing, an action we can collectively take is to engage in discourse and education. As part of the university’s commitment to develop informed citizens and support our community, the Office of Academic Affairs and the Office of International Affairs have partnered to provide a [centralized list of academic and support resources](#) for the campus community.

Ohio State’s Center for Slavic, East European and Eurasian Studies is also compiling a list of [resources to help understand the conflict in Ukraine, and Ukrainian history and identity](#).

And lastly, a reminder that our CFAES Wooster Embedded Mental Health Counselor, Dr. A. Schaad, is available to speak briefly at departmental meetings and share information about CCS and how to support students. If you would like to take advantage of this opportunity, please email [Schaad](#) directly to set up a time.

We have compiled some additional mental health and wellness resources for [students](#) and [faculty](#). We have also updated the [CCS syllabus statement](#) to include the correct information for our CFAES embedded therapists. Please update your syllabus to include the latest information.



Spotlight

Research Administration as a Profession (RAAAP-3) Survey

This survey is authorized and supported by INORMS, the International Network of Research Management Societies, with which NCURA is associated. Your participation is greatly appreciated!

[Learn More](#)

New Column in "Other Funding" Report

Based on feedback from users in the grants/research community, the “Other Funding” report within the PI & Grants Administration dashboards now includes a new column for “Revenue.” The “Transfers In and Out” information is still in a separate column. This ensures a full view of balances is contained within this report.

[OTDI News](#)

Scientific Publishers to Track Diversity in Research Journals

50+ publishers plan to ask scientists about race, ethnicity & gender when submitting papers or reviewing/editing manuscripts. The initiative comes in the wake of concerns about structural racism in science & publishing.

[Read More](#)

New & Newsworthy



Graduate Student Research Grant Program

Northeast Sustainable Agriculture Research and Education (SARE) Partnership and Graduate Student Research Grant Program funds applied research, demonstration and education projects conducted by anyone who works with farmers. Projects must directly partner with a farmer or farmers. Online submission system opens March 1. Proposal deadline: April 12. For more information, read the Partnership Grant program announcement.

[Program Announcement](#)

2023-24 Fulbright U.S. Scholar Competition

Fulbright offers teaching and research awards to U.S. citizens in more than 135 countries. The Fulbright Scholar competition for academic year 2023-24 is open. Opportunities are available for university faculty and administrators. In addition to new program models to meet the changing needs of U.S. academics and professionals, Fulbright offers more opportunities for flexible, multi-country grants.

[Read More](#)



ODHE Harmful Algal Bloom Research Initiative

On behalf of the Chancellor of the Ohio Department of Higher Education (ODHE), the Ohio Sea Grant College Program and The University of Toledo are requesting Harmful Algal Bloom Research Initiative (HABRI) pre-proposals for 1-2-year projects from OH colleges and universities that will aid the management efforts of state agencies and support Governor Mike DeWine's H2Ohio Initiative.

[Read More](#)

Workday Grant Management

Tackling a new system can be a challenge. Luckily, we have experts in the GDSU that are here to help provide clarity. Follow the steps below, in order, to gain some useful insight into managing your award portfolio. Please feel free to contact us if you have any questions along the way.

1. How do I identify all of my grants expiring in the next 60 days? - [View](#)
2. How do I find a summary of the budget, expenses, encumbrances, and balance of a grant? - [View](#)
3. How do I see the expenditure transactions for each budget line item? - [View](#)
4. How do I find current payroll information on my grants? - [View](#)
5. How do I review personnel costing allocations to verify they are current and complete? - [View](#)
6. How do I reconcile payroll expenditures on my grants? - [View](#)
7. How do I find the current status of a requisition? - [View](#)
8. How do I find Miscellaneous Payment Requests? - [View](#)
9. How do I view invoices to the sponsor for my awards? - [View](#)
10. How do I find the status of invoices on my grants? - [View](#)
11. How do I find a summary and the status of all of my proposals? - [View](#)

[Download All](#)

[Contact Us](#)



Research Development and 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.

- **Confusion Over the Meaning of the Research Narrative Is Usually the Author’s Fault** – It’s the PI’s job to make sure the research narrative answers key questions in a way that’s understandable to reviewers.
- **Don’t Forget the Key Part of Your Proposal’s Management Plan Is Managing the Research** – Having a strong management plan is critical to the success of large projects. That’s why reviewers will scrutinize in detail how you plan to manage your team, resources, and research.
- **How a Good Website Can Help Faculty Win Grants** – It’s important that program officers and potential collaborators can find you, and that they get a good impression when they do. We discuss how a good research website can help.

Read Now

2022 GRO Academy – Research Leadership Program

The Office of Knowledge Enterprise (OKE) invites self-nominations from all disciplines for our annual leadership development program: Growing Research Opportunities (GRO) Academy. This program will equip faculty with the skills needed to lead large/complex or strategically significant, interdisciplinary collaborations in pursuit of external funding. The self-nomination deadline for the 2022 academy is Monday, March 21, 2022 at 5 p.m.

The program is primarily aimed at mid-career faculty, although tenured/tenure track faculty of any rank may self-nominate. Those selected will participate in approximately 30 hours of program participation from the end of April through June 2022, including session preparation/attendance and between session meet-ups. Those completing the program will be designated as GRO Leadership Fellows. Meet the [2021 GRO Academy Fellows](#).

Learn More

The Foundation for Food & Agriculture Research Annual Call for Reviewers

Your expertise and technical knowledge are critical to the mission of the Foundation for Food & Agriculture Research (FFAR) to build unique partnerships that advance innovative research to address challenges in agricultural sustainability and food supply.

We are recruiting external peer reviewers for our 2022 grant programs, including the New Innovator Award in Food and Agriculture Research and Seeding Solutions. Please consider supporting FFAR's efforts by indicating your availability to review up to four proposals through this 2-minute survey. In appreciation, we offer honoraria to eligible, non-government employees. As always, FFAR is grateful for your contributions. Please contact our program administrator, Cordelia Hiers, with any additional questions.

Take the Survey

Call for Judges

The 2022 CFAES Annual Research Conference Poster Competition is looking for faculty and graduate students to participate as judges. The event will be held April 11-12, 2022 in the Nationwide & Ohio Farm Bureau 4-H Center. Please note that faculty will not judge posters submitted by their own students.

Graduate and Professional Poster Sessions
Monday, April 11, 2022 - 9:00-11:00 a.m., 1:00-3:00 p.m., 4:30-6:30 p.m.
Tuesday, April 12, 2022 – 9:00-11:00 a.m., 1:00-3:00 p.m. and 4:30-6:30 p.m.
Undergraduate Poster Session
Tuesday, April 12, 2022 - 1:00-3:00 p.m.

Awards will be presented to the top 3 students in each category on Thursday, April 24 from approximately 1:00 p.m.-2:30 p.m. during a virtual awards ceremony (more details forthcoming). Please register as a judge by 3/9/22. Questions regarding the grad & professional competition should be directed to Kayla Arnold.1065. Please send undergraduate questions to Pat Whittington.6 or Susie Sheller.1.



Register

Recent Awards - CFAES Internal Grant Program 2022 Faculty Awards

Immediate Needs Program

Emmanuel Hatzakis - Food Science & Technology, Richard Bruno, Jiangjiang Zhu - Human Nutrition, \$50,000: Determine the effects of apple pomace on cardiometabolic health and inflammation status in a mouse model of obesity

Rafiq Islam, Mohammad Rahman - OSU South Centers, John Lenhart - Civil, Environmental and Geodetic Engineering, \$50,000: Developing Al-Fe/LDH Intercalated Activated Carbon Composite to Control Edge-of-Field Phosphorous and Nitrogen Loss

JC Jang - Horticulture & Crop Science, Venkat Gopalan - Chemistry & Biochemistry, \$50,000: Engineering RNA regulation to enhance crop drought stress tolerance

Diane Miller - HCS, Mitchell Roth, Melanie Lewis Ivey – PP, \$50,000: A Microbiome Approach to Understanding Graft Failure in Dhestnut (Castanea sp)

Uttara Samarakoon, Teng Yang – ATI, Matt Kleinhenz, HCS, \$50,000: Sustainable substrate selection and nutrient management for local producers in Controlled Environment Agriculture

Ajay Shah – FABE, Chanhee Lee – AS, \$50,000: Whole plant corn based baled silage and pelleted cattle feed production

Clay Sneller – HCS, Darren Drewry – FABE, \$49,748: Harnessing Remote Sensing to Improve Breeding Efficiency and Climate Resiliency of Wheat

James Strange – Entomology, Frances Sivakoff - Evolution, Ecology, Organismal Biology, \$50,000: Disease dynamics of Crithidia bombi infections in bumble bees as influenced by exposure to fungicides

Intellectual Property Accelerator Program

Monica Giusti – FST, \$25,000: Efficient production of stable naturally derived food colorants: Scale-up bioreactor process using more efficient cofactors and lactic acid bacteria

Yael Vodovotz, Xiaoying Zhao, Emmanouil Hatzakis – FST, Katrina Cornish - HCS/FABE, Kurt Koelling - Chemistry and Biomolecular Engineering, \$24,973: Prototype manufacturing as proof of concept of a biobased biodegradable alternative to petroleum-based thermoplastics

New Researcher Incentive Program

Darren Drewry – FABE, \$49,973: Multi-Sensor Data Fusion for Water Use Assessment in Controlled Environments,

Benjamin Enger, Alejandro Relling – AS, \$50,000: Mastitis induced alterations in mammary gland substrate uptake

Carin Helfer – FABE, Katrina Cornish, FABE/HCS, \$50,000: Creating Sustainable, Designer Domestic Rubbers

Jonathan Jacobs - Plant Pathology, \$49,906: Defining plant chemical cues that induce bacterial pathogen growth

Sami Khanal – FABE, \$49,982: Scalable, rapid, and cost-effective method for monitoring cover crops and their impacts on environment

Horacio Lopez-Nicora - Plant Pathology, Elizabeth Hawkins, Lee Beers – OSUE, \$50,000: Understanding and managing the interactive effect of multiple pathogens on soybean production

Ashish Manandhar – FABE, Jonathan Witter – ATI, \$49,994: Hydrothermally carbonized agricultural wastes as adsorbent for minimizing nutrient runoff and improving soil quality

Jessica Pempek - Animal Science, Gregory Having - Veterinary Preventive Medicine, \$43,091: Enhancing the health and welfare of dairy-beef calves at arrival to growing facilities in the Midwestern United States

Mitchell Roth, Horacio Lopez-Nicora - Plant Pathology, \$50,000: Genetic Characterizations in Macrophomina phaseolina, a Devastating Necrotrophic Plant Pathogen



Register Now for Upcoming R&GE Seminar Series Sessions

The R&GE Seminar Series provides educational opportunities every month during the academic year. The 2022 schedule of events is now available.

Upcoming Sessions:

[Technology Commercialization - the OSU Startup Process](#) - 3/8/22 | 12-1
[Color-Coded Proposal Reviews](#) - 3/29/22 | 12-1

If you have questions, comments, or ideas for a new session, please contact [Alexis Didinger.2](#).



You're Invited to the 2022 Annual Celebration of Research Week

Save the date for the 2022 Annual CFAES Celebration of Research Week taking place **April 11-15**. Throughout the week, R&GE will highlight CFAES researchers via our social media platforms, host the 2022 Poster Competitions for Graduate and Undergraduate Students, and the event will wrap up with the announcements of the research award winners and the poster competition winners, followed by an update on the CFAES research enterprise.

Events & Opportunities

March 8	March 10	March 21 & 23
10:30 AM , 12:30 PM, & 2:30 PM	3:00-4:00 PM	3:00-5:00 PM
<div>Denman Undergraduate Research Forum</div> <div></div> <div>Celebrate accomplishments of senior undergrad researchers at OSU and share their work with the university</div> <div>Register</div>	<div>Successful Graduate Advising Toolbox: Introductory Resources</div> <div></div> <div>Join us for a session to make sure you have the right tools to support your graduate students</div> <div>Register</div>	<div>Better Research through Better Mentoring – Part 1</div> <div></div> <div>Develop and enhance mentoring skills & receive resources/materials to support effective mentoring</div> <div>Register</div>



THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

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