

Grant Development Support Unit

Research News

Research News is a monthly electronic newsletter for faculty and other members of the FAES research community that summarizes upcoming funding opportunities, provides updates, FAES grant awards, and grant writing information.

December 2017

DC Days 2018 Application Available

The CFAES Office for Research and Graduate Education and the Grant Development Support Unit (GDSU) are once again offering CFAES faculty the opportunity to travel to Washington, DC. The Grant Development Support Unit will arrange a group visit (2-3 days) in May 2018. This trip allows researchers to become more competitive by providing an opportunity to visit with federal program officers. This enables researchers to determine whether their basic concept is a good fit with the sponsor's mission, to seek advice concerning project design and appropriate funding track, and to better understand the peer review process. Meetings with program officers will take place at federal agency offices in Washington, D.C.

Faculty from the College of Education and Human Ecology will also accompany the CFAES group, through the EHE program, to encourage collaborative grant seeking. We hope to provide this experience to 6-8 CFAES faculty this year, determined through the competitive application process. Applications will be accepted from any interested faculty member; however, priority will be given to those with the rank of Assistant Professor, especially those who have grant writing experience. Please contact Pam Schlegel with questions. View the RFP on our website. The application deadline is December 15, 2018.

Updated Proposal & Award Policies & Procedures Guide (PAPPG) Now Available

A revised version of the NSF Proposal & Award Policies & Procedures Guide (PAPPG), (NSF 18-1) has been issued. The PAPPG details NSF’s proposal preparation and submission guidelines, and provides guidance on managing and monitoring the award and administration of grants and cooperative agreements made by the Foundation. Register for a webinar on December 8, 2017 that will provide an overview of significant changes and clarifications to the PAPPG that will take effect on January 29, 2018.

Moses named OSU Interim Senior Vice President for Research

Randy Moses, senior associate vice president for research and professor of electrical and computer engineering, will serve as Interim Senior Vice President for Research, effective January 1, 2018. A national search for a new senior vice president will be conducted. David Williams, dean of the College of Engineering and executive dean of the professional colleges, will chair the search advisory committee.

Have you had a chance to check out the new PI Portal? You may be interested in the NEW PI Portal Job Aid. Access to the classic view PI portal will be available through December 31, 2017.

Contact us for proposal development services or with any comments or questions. To submit news items or request certain topic areas, email FAES Grant Support at gdsu@osu.edu.
Funding Opportunities

USDA—Food Insecurity Nutrition Incentive Competitive Grant Program
The Food Insecurity Nutrition Incentive (FINI) Grant Program for fiscal year 2018 to support projects to increase the purchase of fruits and vegetables among low-income consumers participating in the Supplemental Nutrition Assistance Program (SNAP) by providing incentives at the point of purchase.
Deadline: December 13, 2017

USDA—Biotechnology Risk Assessment Grants Program (BRAG)
The purpose of the BRAG Program is to support the generation of new information that will assist Federal regulatory agencies in making science-based decisions about the environmental effects of introducing organisms genetically engineered (GE) by recombinant nucleic acid techniques. Such organisms can include plants, microorganisms (including fungi, bacteria, and viruses), arthropods, fish, birds, mammals, and other animals excluding humans. Investigations of effects on both managed and natural environments are relevant. The BRAG program accomplishes its purpose by providing Federal regulatory agencies with relevant scientific information.
Letter of Intent Deadline: December 21, 2017

USDA—Methyl Bromide Transition Program
The methyl bromide transition program (MBT) addresses the immediate needs and the costs of transition that have resulted from the scheduled phase-out of the pesticide methyl bromide.
Deadline: January 30, 2018

USDA—Beginning Farmer and Rancher Development Program (BFRDP)
Beginning farmer education for adult and young audiences in the United States can generally be traced back to the advent of the 1862 and 1890 Morrill Land Grant Acts. But for the first time, the Food, Conservation, and Energy Act of 2008 appropriated $75 million for FY 2009 to FY 2012 to develop and offer education, training, outreach and mentoring programs to enhance the sustainability of the next generation of farmers. The Agriculture Act of 2014 provided an additional $20 million per year for 2014 through 2018. The reasons for the renewed interest in beginning farmer and rancher programs are due to the rising average age of U.S. farmers; the 8% projected decrease in the number of farmers and ranchers between 2008 and 2018; and the growing recognition that new programs are needed to address the needs of the next generation of beginning farmers and ranchers.
Deadline February 8, 2018

DARPA—Advanced Plant Technologies Program
The Advanced Plant Technologies (APT) program is a synthetic biology program with the vision to harness plants' natural mechanisms for sensing and responding to environmental stimuli and extend them to detect the presence of certain chemicals, pathogens, radiation, and even electromagnetic signals. APT aims to modify the genomes of plants in order to program in these specific types of sensing and trigger discreet response mechanisms in the presence of relevant stimuli in a way that does not compromise the plants' ability to thrive. DARPA’s goal is to modify multiple and complex traits, allowing plants to sense and report on numerous stimuli. To succeed, APT will address how modified plants allocate internal resources and compete in natural environments.
The agency is hosting a Proposers Day on Tuesday, December 12, 2017, in Arlington, Virginia; participation is also available via webcast. The registration deadline to attend in person is December 6, and the deadline for the webcast is December 11. Read more and register here.
Deadline: February 21, 2018

NSF—Dimensions of Biodiversity FY 2018
A newly established co-funding relationship between the NSF Directorate for Biological Sciences (BIO) and the National Research Foundation (NRF) of South Africa will support U.S.—South African collaborative projects. This campaign promotes novel integrative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It takes a broad view of biodiversity, and focuses on the intersection of genetic, phylogenetic, and functional dimensions of biodiversity. Successful proposals must integrate these three dimensions to understand interactions and feedbacks among them. While this focus complements several core programs in BIO, it differs by requiring that multiple dimensions of biodiversity be addressed simultaneously, in novel ways, to understand their synergistic roles in critical ecological and evolutionary processes.
The Dimensions of Biodiversity program includes partnerships with the National Natural Science Foundation of China (NSFC), the São Paulo Research Foundation (FAPESP) of Brazil, and the National Research Foundation (NRF) of South Africa in fiscal year 2018.
Deadline February 28, 2018
Funding Opportunities

Foundation

**FFAR—Rapid Outcomes from Agricultural Research (ROAR) program**
The Rapid Outcomes from Agricultural Research (ROAR) program provides nimble deployment of funds to support research and outreach in response to emerging or unanticipated threats to the nation’s food supply or agricultural systems. ROAR participants may apply for funds prior to an outbreak for development of diagnostics, monitoring and mitigation strategies, or enter into an agreement with FFAR that enables the quick release of funds should an outbreak occur. In this way, the ROAR program supports pre-outbreak efforts, and in the case of an outbreak, fills the gap until traditional, longer-term funding sources can be secured.

**Deadline: Ongoing**

**Faculty for the Future**
The Schlumberger Foundation awards fellowships to women from developing and emerging economies to pursue PhD or Post-doctorate studies in science technology, engineering and mathematics disciplines at leading universities worldwide. Grants are based on actual costs for eligible expenses up to a maximum of $50,000. Contact Jason Phillips with OSU Foundation Relations for application information.

**Internal Opportunities**

**Discovery Themes Seed Grants**
The Foods for Health Seed Grant Competition is a university-wide initiative with the primary goal of advancing the use of metabolomics-based technology in food and nutrition research for the improvement of health. Successful proposals will focus on food and nutritional metabolomics.

**Deadline January 8, 2018**

**Slovene Research Initiative (SRI)**
The Slovene Research Initiative (SRI) at The Ohio State University invites proposals for the SRI Visiting Scholar Exchange Program. SRI is a collaborative program focused on faculty exchange administered by the Center for Slavic and East European Studies (CSEES) at Ohio State. SRI seeks to advance the study of and research on Slovenia and the broader region of Central and Southeastern Europe. The Initiative will cover either two or four weeks of housing in Ljubljana, Slovenia, and access to conduct research at the Research Center of the Slovene Academy of Sciences and Arts. It does not support travel or any other expenses. Visiting Scholar Exchange proposals can focus on any discipline but should clearly demonstrate how the research or work conducted on the exchange will advance the understanding of the region. Questions and proposals should be sent to Eileen Kunkler, Center for Slavic and East European Studies.

**Deadline: January 15, 2018**

**I-Corps@Ohio**
I-Corps@Ohio funds will be offered on a competitive basis to teams of faculty researchers and graduate students developing institution-based technologies from Ohio colleges and universities. This program is an outstanding opportunity for PIs, graduate students, and post-docs to learn if the real-world is ready for your technology. Contact Shauna Brummet for more details.

**Deadline: January 16, 2018**

**Limited Submission Opportunities**

**NSF—Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)**
The program seeks to increase the success of low-income academically talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in science, technology, engineering, and mathematics (STEM). The program provides awards to Institutions of Higher Education (IHEs) to fund scholarships, and to enhance and study effective curricular and co-curricular activities that support recruitment, retention, student success, and graduation in STEM.

**Limited submission letter of intent due December 11, 2017**

**DOE—Office of Basic Energy Sciences—Energy Frontier Research Centers (EFRC)**
Universities, national laboratories, nonprofit organizations, and private firms are eligible to compete and are encouraged to form multi-disciplinary research teams that may include partnerships with other institutions. Research supported by this initiative will provide fundamental understanding to enable future advances in energy production and use. When making selections, DOE will emphasize emerging science priorities that have been highlighted in recent workshops, including quantum materials, catalysis science, synthesis science, instrumentation science, next-generation energy storage, future nuclear energy, and energy-water issues.

**Limited submission letter of intent due January 3, 2018**
FFAR—New Innovator in Food and Agriculture Research Award
FFAR is now accepting nominations for the New Innovator in Food and Agriculture Research Award. The Award will fund new faculty and their teams of graduate students and post-doctoral scholars to conduct innovative research with potential to expand the availability of food and facilitate the global practice of sustainable agriculture as the world’s population grows to more than 9 billion people by the year 2050.
Limited submission letter of intent due January 5, 2018

EPA—Ohio Environmental Education Fund
The Ohio Environmental Education Fund supports innovative projects that increase public awareness and knowledge about environmental issues, and provide the skills to make informed decisions and take responsible actions.
Limited submission letter of intent due January 9, 2018

NIH—Outstanding New Environmental Scientist (ONES) Award
The ONES Program is specifically targeted to Early Stage Investigators and program goals include career promotion as well as the scientific project proposed. Applications for the ONES program differ from standard R01 applications in that applicants are expected to discuss their career goals in the environmental health sciences, include plans for the active participation of an external advisory committee to provide consultation and feedback, include a commitment by the institution to actively support the research program development of the Program Director/Principal Investigator (PD/PI), and a plan for career enhancement to provide new skills and experiences necessary for future research growth in the environmental health sciences.
Limited submission letter of intent due January 27, 2018

Upcoming Educational Opportunities

Introduction to the New PI Portal
Wednesday, December 6, 2:00-3:00pm
Prior Hall 460B Computer Lab
Office of Research Staff will provide an overview of the new, redesigned PI Portal, demonstrate its enhanced features and address questions related to its use. This session is intended for faculty as well as department and college staff who use the PI Portal to access project financial information. Please register to attend here.

Post-Award Workshop
Tuesday, December 12, 1:00-2:00pm
Video-linked Agricultural Administration 250A (Columbus) - FABE 200 (Wooster)
During this Fiscal Overview session, Angie LeMaster, CFAES Finance, will be discuss:
• Release Time/Cost Share Form-considerations, accuracy and how to avoid issues
• Effort Certification (eCert) and why this is necessary
• Audit worthy transactions, best practices for cost transfers, and close-out of awards-project overrun concerns
• Communicating with OSP about budget revisions, switching project personnel, nearing end date, extensions, and supplemental funding
• Financial Responsibilities in monitoring projects: Who does what as the PI, Department Administrator, CFAES Administration, OSP
Please register if you plan to attend.

See a full listing of upcoming events on our webpage.

The GDSU is a free service provided to all CFAES faculty. We are available to assist you with proposal development and submission and/or answer grant related questions. We have offices on both the Wooster and Columbus campuses. For more information, see our webpage: https://grants.cfaes.ohio-state.edu/