

# FAES/OARDC Research News

November 2015

**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.

## Updates

Headings below in **BLUE** are linked to the specific topic.

### [NSF Issues Revised PAPPG for 2016](#)

The National Science Foundation has issued a revised version of the NSF Proposal & Award Policies & Procedures Guide (PAPPG), (NSF 16-1) that will be effective for proposals submitted, or due, on or after January 25, 2016. Significant changes include:

- Enforcement of 5 p.m. submitter's local time across all NSF funding opportunities;
- Implementation of NSF's Public Access Policy;
- NSF's implementation of the US Government Policy for Institutional Oversight of Life Sciences on Dual Use Research of Concern;
- Provision of Collaborators and Other Affiliations information as a new single-copy document, instead of as part of the Biographical Sketch;
- Submission of Biographical Sketches and Current and Pending Support separately for each senior personnel;
- Revision of timeframe for submission of final project reports, project outcomes reports and financial closure of awards to 120 days after the award end date; and
- Numerous clarifications throughout the document.

For guidance on proposals submitted or due before January 25, 2016, and awards made before January 25, 2016, continue to reference the [PAPPG dated December 26, 2014](#).

### [NIFA Centers of Excellence](#)

The National Institute of Food and Agriculture (NIFA) has issued an updated Fact Sheet for the Centers of Excellence designation. (October 2015)

### [Call for Applications – D.C. Days](#)

CFAES is pleased to announce an opportunity for Assistant Professors (tenure track) to visit federal funding agencies to receive a comprehensive overview of funding programs and meet one-on-one with federal program officers to discuss their specific research objectives. The program is geared toward those who have applied for federal funding, are familiar with the grant submission process—but have not been successful in receiving funding to support their research. **Deadline for Application: 11/23/15**

### [NSF Public Access Plan](#)

With the release of the Public Access plan, [Today's Data, Tomorrow's Discoveries](#), the National Science Foundation (NSF) continues its commitment to expand public access to the results of its funded research. In accordance with its stated plan, NSF will make the published results of federally funded research freely available to the public within one year of publication. This NSF requirement will apply to new awards resulting from proposals submitted, or due, on or after January 25, 2016, which will be the effective date of the updated [Proposal & Award Policies & Procedures Guide \(PAPPG\)](#).

To submit news items or request certain topic areas, email FAES Grant Support at [gdsu@osu.edu](mailto:gdsu@osu.edu)

Links:

[Grant Development Support Services](#)

[Research News Archive](#)

[Grants Toolkit](#)

## Faculty Achievements & Recent Awards

**Gregory Labarge** (OSUE Agr. & Natural Resources) received **\$531,142** from the National Fish and Wildlife Foundation to study *Resources for nutrient management plan development and 4R adoption in the Lake Erie Watershed (OH)*.

**Monique Pairis-Garcia** (Animal Sciences) was awarded **\$182,694** from the National Pork Board for to explore the *Development of an interactive training app for timely and humane on-farm euthanasia in pre-weaned piglets*.

**Andrew Ward, Larry Brown, Jay Martin** (FABE) and **Jonathan Witter** (ATI) were awarded **\$292,200** from the Ohio Environmental Protection Agency for *Demonstration, evaluation, outreach education and technology transfer of innovative channel and drainage water management practices for poorly drained soils in the Maumee River Basin*.

**Mark Erbaugh** (International Programs) received **\$191,632** for the *Borlaug Higher Education Agricultural Research and Develop (BHEARD)* through Michigan State University, as part of a larger project funded through the United States Agency for International Development.

**Andy Michel** (Entomology) received **\$427,192** from the North Central Soybean Research Program to explore *Soybean entomology in the north central region: Management and outreach for new and existing pests*.

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## Funding Opportunities

### Federal Funding Opportunities:

#### [Specialty Crop Research Initiative \(SCRI\)](#) USDA-NIFA

The purpose of the SCRI program is to address the critical needs of the specialty crop industry by awarding grants to support research and extension that address key challenges of national, regional, and multi-state importance in sustaining all components of food and agriculture, including conventional and organic food production systems.

**DEADLINE: Required Pre-Application 12/03/15**

#### [Beginning Farmer and Rancher Development Program \(BFRDP\)](#) USDA-NIFA

Beginning farmer education for adult and young audiences in the United States can be generally traced back to the advent of the 1862 and the 1890 Morrill Land Grant Acts. But for the first time, the Food, Conservation, and Energy Act of 2008 (Pub .L. No. 110-234, Section 7410), 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: 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: 01/21/16**

#### [Biotechnology Risk Assessment Research Grants Program \(BRAG\)](#) USDA-NIFA

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 effects of introducing into the environment genetically engineered organisms (GE), including 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 scientific information relevant to regulatory issues. **DEADLINE: Letter of Intent – 02/12/16**

#### [EPA - Support for Water Quality Framework Training Workshop, Nonpoint Source Agriculture Training and Technical Assistance, and Hypoxia and Agricultural Nutrient Outreach and Technical Assistance Request for Proposals.](#)

The U.S. Environmental Protection Agency (EPA) is soliciting proposals from eligible applicants to provide support for training and technical assistance activities to build the capacity of state and tribal officials and nongovernmental stakeholders in the Clean Water Act (CWA) Sections 303(d), 305(b), TMDL Programs, the Nonpoint Source (CWA Section 319) Program, and Gulf of Mexico Hypoxia related activities. **DEADLINE: 12/14/15**

## [Minor Crop Pest Management Program Interregional Research Project #4 \(IR-4\)](#)

The purpose of the IR-4 program is to enable the crop protection industry to provide safe, effective, and economical crop protection products for growers and consumers of minor/specialty crops. The crop protection industry cannot justify the costs associated with the research and development, registration, production, and marketing of crop protection products for minor/specialty crops due to the smaller market base and limited sales potential. The IR-4 program provides the assistance needed to ensure that new and more effective crop protection products are developed and made available to minor/specialty crop producers. These efforts require effective collaborations among federal agencies, the crop protection industry, and land-grant colleges and universities. **DEADLINE: 2/18/16**

[NIFA Request for Application \(RFA\) Schedule](#) provides anticipated dates of publication for upcoming RFAs.

## [Division of Integrative Organismal Systems \(IOS\) – NSF](#)

Proposals focused on plant-microbial symbioses of all types formerly accepted for review in the Symbiosis, Defense, and Self-recognition Program in the Physiological and Structural Systems Cluster of IOS under the IOS Core Programs Solicitation **will no longer be accepted into the Core track of this solicitation**. This important area of research will still be supported by IOS however. Proposals on plant-microbial symbioses will now be accepted for review in a **new** program supported and managed by NSF IOS and the USDA National Institute of Food and Agriculture (NIFA). Information about the new joint solicitation in plant-microbial symbioses and interactions will be forthcoming in late 2015. **Projects focused on development of functional genomic tools, approaches and infrastructure that are intended to enable genome manipulation of plant-microbial symbioses may be submitted to the EDGE track of this solicitation. DEADLINE: 01/15/16**

## [Industry/University Cooperative Research Centers Program \(I/UCRC\) – NSF](#)

The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academe, and government. The Centers are catalyzed by an investment from the National Science Foundation (NSF) and are primarily supported by industry Center members, with NSF taking a supporting role in the development and evolution of the Center. Each Center is established to conduct research that is of interest to both the industry members and the Center faculty. An I/UCRC contributes to the nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education. As appropriate, an I/UCRC uses international collaborations to advance these goals within the global context. **Internal OSU Limited Submission has passed with no applicants—Contact [Agnoli.1@osu.edu](mailto:Agnoli.1@osu.edu) for application process. Sponsor DEADLINE: 11/16/15**

## [Partnerships for International Research & Education \(PIRE\) – NSF](#)

Partnerships for International Research and Education (PIRE) is an NSF-wide program that supports international activities across all NSF supported disciplines. The primary goal of PIRE is to support high quality projects in which advances in research and education could not occur without international collaboration. PIRE seeks to catalyze a higher level of international engagement in the U.S. science and engineering community. International partnerships are essential to addressing critical science and engineering problems. In the global context, U.S. researchers and educators must be able to operate effectively in teams with partners from different nations and cultural backgrounds. PIRE promotes excellence in science and engineering through international collaboration and facilitates development of a diverse, globally-engaged, U.S. science and engineering workforce. **OSU Limited Submission Opportunity DEADLINE: 04/04/16**

## [Early Career Research Program Department of Energy - Office of Science](#)

The Office of Science of the Department of Energy hereby invites grant applications for support under the Early Career Research Program in the following program areas: Advanced Scientific Computing Research (ASCR); Biological and Environmental Research (BER); Basic Energy Sciences (BES), Fusion Energy Sciences (FES); High Energy Physics (HEP), and Nuclear Physics (NP). The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by the DOE Office of Science. **DEADLINE: 11/19/15**

## [Multi-State Rural Development Research or Extension Projects - North Central Region - FY 15/16](#)

The North Central Regional Center for Rural Development (NCRCRD) at Michigan State University announces a competition for seed grants aimed at enhancing the ability of Land Grant institutions to positively influence the quality of life in rural areas of the twelve-state North Central region of the United States. Priority areas for the Center's work include:

- Innovation diffusion for rural development
- Sustainable communities
- Leadership development
- Entrepreneurial communities

**DEADLINE: 02/02/16**

## **OSU Internal Opportunities:**

### [OSU Office of University Outreach and Engagement, Connect and Collaborate Grants Program](#)

The **Connect and Collaborate Grants Program** provides more than \$675,000 in multiple and diverse funding opportunities for students, faculty and staff to catalyze engaged, collaborative teaching and research with the goal of enhanced impact. The grants leverage teams and partnerships addressing challenges or opportunities related to the Discovery Themes areas of Energy and Environment, Food Production and Security, Health and Wellness and/or Humanities and the Arts. For more information, please attend an **open information session on Nov. 12** at 11 a.m., Hale Hall, room 110A.

**DEADLINE: 02/02/16**

## **Foundation Funding:**

### [2016 Call for Proposals - Battelle Endowment \(BETHA\) Grants](#)

The Battelle Engineering, Technology and Human Affairs (BETHA) Endowment invites full-time assistant, associate and full professors to submit proposals for the 2016 grant competition. **DEADLINE: 11/24/15**

### [Conservation, Food and Health Foundation](#)

Click here for [OSU internal application process](#)

The foundation's primary purpose is to assist in the conservation of natural resources, the production and distribution of food, and the improvement and promotion of health in the developing world. Through grants to support research and through targeted grants to help solve specific problems, the foundation helps build capacity within developing countries in its three areas of interest: Conservation, Food and Health. The foundation supports projects that demonstrate strong local leadership, promote professional development in the conservation, agricultural, and health sciences, develop the capacity of local organizations, and address a particular problem in the field. It prefers to support projects addressing under-funded issues and geographic areas. The foundation's geographic focus is the developing world. It prefers to support organizations located in developing countries or to developed country organizations whose activities are of direct and immediate benefit to developing countries. **Internal OSU Application DEADLINE: 11/23/15**

*If you have questions about the grant process or need assistance with proposal development and submission, contact the Grant Development Support Unit at [gdsu@osu.edu](mailto:gdsu@osu.edu) or 330-263-3647*