

Research News

February 2016

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.

Research Updates

[ORCID: Publishers Embrace Scheme to End Name Confusion](#)

In a letter released online January 7, 2016, some of the world's largest academic publishers and scientific societies announced that they will not just encourage, but ultimately require, researchers to sign up with ORCID, a nonprofit organization that assigns members a 16-digit identifier. Read more in this article from Science.

The USDA-NIFA [Institute of Food Safety and Nutrition \(IFSN\)](#) Seminar Series aims to disseminate new knowledge; engage with partners and stakeholders; and inspire the next generation of food safety and nutrition experts. Seminars are offered monthly and last one hour.

Upcoming Seminars:

- **March 09, 2016:** *Children's Healthy Living (CHL) Program – Childhood Obesity Prevention Coordinated Agricultural Project (CAP)*
- **April 2016:** *Science and Technology Behind Food Shelf Life*

[New Faculty Guide to Competing for Research Funding](#)

What all faculty need to know about finding funding and writing proposals. The Grantseeker's Toolkit was developed to provide members of the OSU CFAES research community with information they can use to identify an effective strategy for writing successful proposals. OSU ID required to access.

In time for the SUPERBOWL! [Science of the NFL](#)

NBC Learn and NBC Sports, in partnership with the National Science Foundation and the National Football League, unravel the science behind professional football.

[Buck-IRB updates](#)

New updates to the Buck-IRB submission system went live on Friday (1/15). An important enhancement for researchers provides an abbreviated, annual status report for minimal risk, expedited studies that are not FDA-regulated or federally funded. The annual status report is limited to questions regarding study changes and current study status. Other added features are intended to streamline submission screening within Buck-IRB.

Make sure your annual Conflict of Interest is up to date!

A conflict of interest exists if financial interests or other opportunities for tangible personal benefit *may* exert a substantial and improper influence on an employee's professional judgment in exercising any university duty or responsibility, including designing, conducting, or reporting research. "Employees" include faculty, staff, administrators, and others. A conflict of interest is **not** an accusation and does **not** imply that an employee's judgment *has been* compromised.

- [Scientist Charged with Defrauding U.S.:](#) A former professor at the University of California at San Diego and his corporation admitted to illegally obtaining millions of dollars in government grants and contracts.
- [Lehigh University professor and wife convicted of cheating NASA](#)

[Grant Development Support Unit](#)

As you identify and develop a grant opportunity that supports your research interests, please contact our grant specialists in the CFAES Grant Development Support Unit: [Pam Schlegel](#) or [Sarah Elvey](#). They can answer questions, create budgets, and manage the proposal submission process for you. **All grant proposals** seeking external funding, including those submitted by students, must be approved by OSU authorized officials before they are submitted to sponsors – no matter how small the amount of funds requested.

Research Development and Grant Writing News

The Office of Research provides a campus-wide subscription to Research Development and Grant Writing News; access current and past issues at go.osu.edu/grantwritingnews. The January 2016 issue includes a quick guide to private foundations that fund academic research, briefing on the new NIH strategic plan (2016-2010), new funding opportunities and more. OSU login required to access.

OARDC Annual Research Conference – 04/21/2016
[Call for Posters](#) [Registration](#)

To submit news items or request certain topic areas, email FAES Grant Support at gdsu@osu.edu.

[Grant Development Support Services](#)
[Research News Archive](#)
[Grants Toolkit](#)

Recent Awards

Mario Javier Miranda (AEDE) was awarded **\$75,000** from the USDA Office of the Chief Economist to research *Effects and welfare benefits of public agricultural commodity market information*.

Libby Dayton (SENR) received awards from the Ohio Corn Marketing Program **\$52,704** and **\$22,588** to research *Comparison of fertilizer application methods using simulated rainfall and small plots*. She also received **\$50,000** from the Ohio Soybean Council to study *Comparison of fertilizer placement methods using simulated rainfall and small plots across varying P sources and levels of residue cover*. In addition, awards from the Ohio Corn Marketing program for **\$153,608** and the Ohio Small Grains Marketing Program **\$65,832** for *On-field Ohio!*

Thomas Worley (Piketon) and **Brian Raison (Miami County Extension)** received **\$199,839** through the USDA Rural Development for *Improving the rural economy of Ohio and West Virginia through cooperative development*.

Thomas Worley (Piketon) also received **\$99,284** from the Agricultural Marketing Service for the project, *Helping Ohio Farmers Market Go Virtual*.

Classes/Workshops

Data Management Plans: STEM and Ag Research (Workshop)

February 16 @ 12:30 pm - 1:30 pm

Research Commons (3rd floor, 18th Avenue Library), 175 W. 18th Avenue, Columbus, OH 43210 United States

Many funding agencies now require the submission of a data management plan along with a researcher's grant proposal. In this session, we will discuss the information that researchers should be including in their data management plans. Participants will also learn strategies for creating data management plans with the online DMPTool, which walks researchers through a funding agency's specific requirements and expectations. [Learn more and register »](#)

Grant Management for Departmental Staff (Workshop)

February 18 @ 9:00 am – 10:30 am

230 Cunz Hall, 1841 Nail Ave. Columbus, OH 43210

Budgeting for sponsored programs, particular items of costs, OMB circulars, F&A rates and bases, benefit rates

[Learn more and register »](#)

Funding Opportunities

Federal Funding Opportunities

[Organic Agricultural Research and Extension Initiative](#)

Sponsor: USDA, Department of Agriculture, National Institute of Food and Agriculture

DEADLINE: 03/10/16

NIFA requests applications for the Organic Agriculture Research and Extension Initiative (OREI) for fiscal year (FY) 2016 to solve critical organic agriculture issues, priorities, or problems through the integration of research, education, and extension activities. OREI funds research, education, and extension programs that enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products. The anticipated amount available for grants in FY 2016 is approximately 18 million.

[Organic Transitions \(ORG\) USDA-NIFA](#)

Sponsor: USDA, Department of Agriculture, National Institute of Food and Agriculture

DEADLINE: 04/15/2016

The overall goal of the Organic Transitions Program (ORG) is to support the development and implementation of research, extension and higher education programs to improve the competitiveness of organic livestock and crop producers, as well as those who are adopting organic practices. ORG will continue to prioritize environmental services provided by organic farming systems in the area of soil conservation and climate change mitigation, including greenhouse gases (GHG). Two new priorities have been added to support (1) the development of educational tools for Cooperative Extension personnel and other agricultural professionals who advise producers on organic practices and (2) the development of cultural practices and other allowable alternatives to substances recommended for removal from the National Organic Programs National List of Allowed and Prohibited Substances. Practices and systems to be addressed include those associated with organic crops, organic animal production, and organic systems integrating plant and animal production.

Agricultural and Food Research Initiative (AFRI) – Food, Agriculture, Natural Resources and Human Sciences Education and Literacy Initiative

Sponsor: Department of Agriculture, National Institute of Food and Agriculture
Pre-doctoral and Postdoctoral Fellowships **DEADLINE: 02/11/16**
Professional Development Opportunities for Secondary School Teachers **DEADLINE: 3/18/16**
Research and Extension Experiential Learning for Undergraduate (REEU) Fellowships **DEADLINE: 03/24/16**



USDA-NIFA-AFRI-005515 National Institute of Food and Agriculture International Wheat Yield Partnership Program

Sponsor: Department of Agriculture, National Institute of Food and Agriculture
DEADLINE: LOI due 03/01/16; full 05/03/16
NIFA aims to support the G20 nations' Wheat Initiative which is committed to coordinate wheat research in the areas of genetics, genomics, physiology, breeding and agronomy internationally. NIFA in coordination with the International Wheat Yield Partnership (IWYP), requests applications to seek breakthroughs for cereal breeding using new technologies and also discoveries that lead to significantly greater grain size, grain set and grain filling duration following embryo formation, in diverse environments, without compromising grain protein concentration in Triticeae species.

Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom (SPECA) Challenge Grants Program

Sponsor: Department of Agriculture, National Institute of Food and Agriculture
DEADLINE: 03/18/16
NIFA requests applications for the Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K12 Classroom (SPECA) Challenge Grants Program for fiscal year (FY) 2016 to promote and strengthen agriscience and agribusiness education. The anticipated amount available for grants in FY 2016 is approximately \$858,500.

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

Sponsor: Department of Agriculture, National Institute of Food and Agriculture
DEADLINE: 2/18/16
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.



Children, Youth, and Families At-Risk Sustainable Community Projects

Sponsor: Sponsor: Department of Agriculture, National Institute of Food and Agriculture
DEADLINE: 03/14/16
NIFA requests applications for the Children, Youth, and Families At-Risk Sustainable Community Projects (CYFAR SCP) for fiscal year (FY) 2016 to marshal resources of the Land-grant and Cooperative Extension Systems so that, in collaboration with other organizations, they can develop and deliver educational programs that equip youth who are at-risk for not meeting basic human needs with the skills they need to lead positive, productive, and contributing lives. The anticipated amount available for grants in FY 2016 is approximately \$6,520,000. Of this amount, approximately \$480,000 will be available to fund new CYFAR SCPs, which will have project periods ranging up to five (5) years.



Alfalfa and Forage Research Program (AFRP)

Sponsor: Sponsor: Department of Agriculture, National Institute of Food and Agriculture
DEADLINE: 04/13/16
NIFA requests applications for the Alfalfa and Forage Research Program (AFRP) for fiscal year (FY) 2016 to improve alfalfa forage yield and seed yield of crops grown for propagation, improve persistence of plantings, reduce pest pressure for both forage and seed production, improve genetic quality of commercial cultivars, and reduce losses during harvest and storage. The anticipated amount available for grants in FY 2016 is approximately \$1.85 million.



Farm Business Management and Benchmarking (FBMB) Competitive Grants Program

Sponsor: Sponsor: Department of Agriculture, National Institute of Food and Agriculture
DEADLINE: 04/11/16
NIFA requests applications for the Farm Business Management and Benchmarking (FBMB) Competitive Grants Program for FY 2016 to improve the farm management knowledge and skills of agricultural producers, and maintain the national, publicly available farm financial management database to support improved farm management. The anticipated amount available for grants in FY 2016 is approximately \$1.35 million

[Innovations at the Nexus of Food, Energy and Water Systems \(INFEWS\)](#)

Sponsor: Directorate for Geosciences/National Science Foundation

DEADLINE: 03/22/16

Humanity is reliant upon the physical resources and natural systems of the Earth for the provision of food, energy, and water. It is becoming imperative that we determine how society can best integrate across the natural and built environments to provide for a growing demand for food, water and energy while maintaining appropriate ecosystem services. Factors contributing to stresses in the food, energy, and water (FEW) systems include increasing regional and social pressures and governance issues as result of land use change, climate variability, and heterogeneous resource distribution. These interconnections and interdependencies associated with the food, energy and water nexus create research grand challenges in understanding how the complex, coupled processes of society and the environment function now, and in the future. There is a critical need for research that enables new means of adapting to future challenges. The overarching goal of INFEWS is to catalyze the well-integrated interdisciplinary research efforts to transform scientific understanding of the FEW nexus in order to improve system function and management, address system stress, increase resilience, and ensure sustainability.

[Partnerships for International Research & Education](#)

Sponsor: National Science Foundation

OSU Limited Submission Opportunity DEADLINE: 04/04/16

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.

[Faculty Early Career Development Program \(CAREER\)](#)

Sponsor: National Science Foundation

DEADLINE: 7/20/16

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

OSU Internal Funding Opportunities

[The Public Health Preparedness in Infectious Disease \(PHPID\) Program and the Infectious Disease Discovery Theme announce the launch of their joint Transdisciplinary Team Grant .](#)

Sponsor: The Ohio State University

DEADLINE: 03/15/16

The overall goal of this grant program is to support faculty and staff in strengthening transdisciplinary research networks across the university so that they can become more competitive in addressing complex research challenges in infectious disease, ultimately enabling the development of a more robust extramural grant portfolio for infectious disease research at Ohio State. For more information, contact Kat Marriott marriott.20@osu.edu.

[Awards for Innovators](#)

Accelerator Awards, sponsored by the Technology Commercialization Office (TCO), Office of Research and Rev1 Ventures, provide Ohio State researchers with a small amount of capital to further develop and validate inventions, software and technologies. Awards of up to \$50,000 are granted twice each year and are available to all Ohio State faculty, postdoctoral and graduate student researchers who have disclosed their inventions to TCO.

Foundation Funding Opportunities

[Sponsor: International Nut and Dried Fruit Council Foundation \(INC\)](#) **DEADLINE: 02/29/16**

The sponsor calls for expressions of interest for research projects from public and private institutions, as well as not-for-profit organizations, which may contribute to enhance the understanding of the health effects of nuts and dried fruits.