

FAES/OARDC Research News

February 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.

[AFRI-NIFA Request for Applications Update](#): We are expecting the AFRI Foundational program, Food Safety program, Childhood Obesity Prevention program and Water for Agriculture program to be released in February 2015. Please contact the Grant Development Support Unit to secure services for proposal development and submission. email: gdsu@osu.edu or call 330-263-3647

[New tool for creating data management plans](#)

A new tool is available for researchers submitting grant proposals that require data management plans. DMPTool will help researchers create, review and share data management plans that meet specific agency guidelines. A step-by-step tutorial is available on the Grant Development Support Unit web site.

[A Primer on Recent Trends in Federal R&D Budgets](#)

With a new Congress now seated and a new appropriations cycle set to commence once again, AAAS has produced a short summary of some of the big trends in federal R&D budgets over the past several years.

[Editing Proposals for English as a Second Language \(ESL\) Speakers](#)

--- It's easy to get frustrated when writing grant proposals, and when English is not your first language, it can be even more daunting. The GDSU offers copyediting services for researchers who speak English as a second language. Your proposal will be read for grammar, punctuation, and clarity. If you would like to know more about this service, please contact Pam Schlegel with Grant Development at gdsu@osu.edu

[Responsible Conduct of Research \(RCR\) Training Resources](#)

All federal-funding agencies require faculty, staff, and students supported by federal grants to be trained in the area of Responsible Conduct of Research (RCR). OSU provides online coursework (through CITI) in human subjects protection, responsible conduct of research, good clinical practices, and export control. Some agencies, such as NIH and USDA (including competitive grants, cooperative agreements, and capacity funding), require additional training plus the on-line modules. Take your training today at the [Collaborative Institutional Training Initiative](#) (CITI).

ARS [Food and Nutrition Research Briefs](#) Issue, February 10, 2015

[NIFA-BARD International Partnerships](#)

In 2013, the U.S. Department of Agriculture's National Institute of Food and Agriculture (NIFA) signed a Memorandum of Understanding with BARD, The U.S.-Israel Binational Agricultural Research and Development Fund. For 2015, the NIFA-BARD initiative has identified the following programs for mutually beneficial collaboration:

- [AFRI Food Security](#)
- AFRI Water for Agriculture
- AFRI Agricultural and Natural Resources Science for Climate Variability and Change
- AFRI Food Safety

U.S. scientists applying for a grant in any of the above AFRI RFAs, have an opportunity to add to their application Israeli scientists as collaborators whose funding will be provided by BARD.

This expertise can be used to help enhance one or more of the proposal's objectives without compromising the proposed budget for any of the U.S. collaborators.

For more information:

- [Food Security FAQ for International Partnerships](#)
- [Guidelines for Applications that include NIFA-BARD International Partnership](#)

The BARD staff is available to help facilitate U.S. scientists to find appropriate Israeli partners for their collaborative efforts.

BARD contact: Haim Katz, haim@bard-isus.com, Tel (from US) 011-972 39683982

[GRANTS.GOV](#)

Did you know that you can receive daily notification about new and updated federal grant opportunities? Simply go to grants.gov and click Manage Subscriptions to sign up for the RSS feed. 26 different grant-making agencies use grants.gov to post funding opportunities.

Grants.gov Down for Scheduled Maintenance – February 14 – 17, 2015 (NOTE: You will be unable to submit grants through *Causes 424* during this time).

Faculty Achievements & Recent Awards

Rattan Lal and Klaus Lorenz (School for Environmental Sciences) were awarded \$133,825 from the V. Kann Rasmussen Foundation for *Enhancing agronomic productivity by accumulating humus carbon*.

Thomas Worley (OSU South Centers) was awarded \$142,100 from the OH Development Services Agency for *Small Business Development Center ("SBDC")*.

Qihong Wang and Linda Saif (Food Animal Health Research Program) were awarded \$490,000 for *Molecular attenuation mechanisms of porcine epidemic diarrhea virus in pigs* from the National Institute of Food & Agriculture, AFRI program.

Linda Saif, a scientist in Ohio State's College of Food, Agricultural, and Environmental Sciences, has been awarded the 2015 Wolf Prize in Agriculture for her work on viral diseases of critical importance to farm animals, food safety and human health. Saif is the first Ohio State scientist and the first woman to receive this recognition, awarded since 1978 by the Wolf Foundation of Israel.

Upcoming Workshops/Conferences

Jeff LeJeune, Professor and Department Head of the Food Animal Health Research Program (FAHRP) located at the Ohio Agricultural Research and Development Center (OARDC) in Wooster, is among Ohio State University food safety researchers selected to co-host the premier international scientific symposium to address the global health concerns of E. coli infections. The [9th International Symposium on Verocytotoxin Producing Escherichia coli infections \(VTEC\)](#) will be held in Boston in September 2015, marking the first time in 18 years that the symposium will be held in the United States. Colorado State University and the Agricultural Research Service's Food Safety Program are the other conference co-hosts.

Save the Date! The [OARDC Annual Research Conference](#) will be held on April 16, 2015 in Columbus Ohio. Details will be coming to your inbox soon.

[ePA-005 Overview](#)

We will provide an overview of the ePA-005 process along with tips for completing the form. Faculty and staff who complete the form are encouraged to attend. (March 2, 2015, the session will be held in Columbus Ag Engineering 219 or March 4, 2015 at Research Services 130, Wooster.) Both sessions run from 10:00 am - 11:00 am.

[Opening Access to Your Research: Strategies for Digital Scholarship](#)

Curious about ways to disseminate your work online? Thinking about creating a website or blog to showcase your research? Wondering what your options are for publishing and archiving digital content at Ohio State? Join ODEE, the Libraries' Publishing Program, and the Knowledge Bank to learn more about increasing the visibility and impact of your research through digital scholarship. Tuesday, February 24, 2015, 1:00 – 3:00 pm, Thompson Library Room 140, Columbus. Registration required.

[Communicating Research Findings to the Public](#)

You have an interesting study about to be published and you'd like to make sure people know about it. Furthermore, your funding agency expects you to communicate your findings to the media and the public. Who should you call? What should you keep in mind when emailing or talking to reporters? How do you make complex research findings understandable to the public? Learn helpful strategies from University Communications experts to help you make sure that your message is clear and impactful, whether presented in print, video, or audio formats. Wednesday, February 25, 2015, 12:00 pm – 1pm, 1063 Graves Hall Columbus. Registration required.

Funding Opportunities

[Agriculture and Food Research Initiative - Food Security](#)

For FY 2015, it is anticipated that approximately \$16.8 million will be made available to support new awards within the Food Security Challenge Area of AFRI. In FY 2015, applications are sought to support agricultural production research, education, and extension to develop more sustainable, productive, and economically viable plant and animal production systems. Proposed projects should focus on improving food systems through research on developing sustainable crop, livestock, or

integrated crop and livestock systems; develop regionally adapted crop cultivars and livestock/breeds that contribute to rural economic development and prosperity while enhancing food security and a meta-analysis to result in a national strategy for sustainable crop and livestock production. **DUE DATE: June 4, 2015**

[Higher Education Challenge \(HEC\) Grants Program](#)

Projects supported by the Higher Education Challenge Grants Program will: (1) address a State, regional, national, or international educational need; (2) involve a creative or non-traditional approach toward addressing that need that can serve as a model to others; (3) encourage and facilitate better working relationships in the university science and education community, as well as between universities and the private sector, to enhance program quality and supplement available resources; and (4) result in benefits that will likely transcend the project duration and USDA support. **DUE DATE: March 19, 2015**

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

The Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants (SPECA) program seeks to: (a) promote and strengthen secondary education and two-year postsecondary education in agriscience and agribusiness in order to help ensure the existence in the United States of a qualified workforce to serve the food and agricultural sciences system; and (b) promote complementary and synergistic linkages among secondary, two-year postsecondary, and higher education programs in the food and agricultural sciences in order to advance excellence in education and encourage more young Americans to pursue and complete a baccalaureate or higher degree in the food and agricultural sciences. **DUE DATE: March 13, 2015**

[Beginning Farmers and Ranchers Development Program \(BFRDP\)](#)

NIFA requests applications for the Beginning Farmer and Rancher Development Program (BFRDP) for fiscal year (FY) 2015 to support the development of educational outreach curricula, workshops, educational teams, training, and technical assistance programs to assist beginning farmers and ranchers in the United States and its territories with entering, establishing, building and managing successful farm and ranch enterprises. The amount available for support of this program in FY 2015 is approximately \$18.54 million. **DUE DATE: March 13, 2015**

[The North Central Regional Center for Rural Development](#)

(NCRCD) is pleased to announce a call for policy projects. Persons employed by land grant colleges and universities located in the 12-state North Central region are invited to apply. Proposals are due **March 9, 2015**, and can be related to any of the following topics:

1. Impacts of Oil on Rural North Central Communities.
2. Impacts of Alternative Trade Proposals on Rural North Central Communities.
3. Rural Housing Issues.
4. Rural Health Care under the Affordable Care Act.
5. Managing Long-Term Environmental Contamination Risk in Mining Communities.
6. Locally-based Policies to Create Upward Mobility Opportunities for Residents.

[Great Lakes Fish Monitoring and Surveillance Program Request for Application](#)

This Request for Application (RFA) solicits applications from eligible entities for a cooperative agreement to support the Great Lakes Fish Monitoring and Surveillance Program (GLFMSP) pursuant to the Great Lakes Restoration Initiative Action Plan II. The GLFMSP is a long-term monitoring and surveillance program that has been in continuous operation since 1970. The GLFMSP measures the concentrations of legacy and emerging chemicals in Great Lakes whole fish tissue. **DUE DATE: April 17, 2015**

[Limited Submission Opportunity: National Science Foundation Research Traineeship \(NRT\) Program](#)

Internal Deadline March 9, 2015. Each institution may submit up to three proposals: 2 for the Traineeship Track, 1 for the Innovations in Graduate Education Track. If an institution submits only one Traineeship Track proposal, it can be on either Data-Enabled Science and Engineering (DESE) or another theme. If an institution submits two Traineeship Track proposals, at least one must be a DESE proposal. In either case (DESE or non-DESE); the traineeship theme of a Traineeship Track proposal must be interdisciplinary.

The [NSF Research Traineeship \(NRT\) program](#) is designed to encourage the development and implementation of bold, new, potentially transformative, and scalable models for STEM graduate education training. The NRT program seeks proposals that ensure that graduate students in research-based master's and doctoral degree programs develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The NRT program includes two tracks: the Traineeship Track and the Innovations in Graduate Education (IGE) Track. The Traineeship Track is dedicated to effective training of STEM graduate students in high priority interdisciplinary research areas, through the use of a comprehensive traineeship model that is innovative, evidence-based, aligned with changing workforce and research needs, and scalable. For this solicitation the Traineeship Track has one priority interdisciplinary research theme — Data-Enabled Science and Engineering (DESE); proposals are encouraged also on any non-DESE interdisciplinary research theme that is a national priority. The IGE Track is dedicated solely to piloting, testing, and evaluating novel, innovative, and potentially transformative approaches to graduate education, both disciplinary and interdisciplinary, to generate the knowledge required for their customization, implementation, and broader adoption.

Ohio State nominees for this program will be invited to use the services of the Office of Research Proposal Development Center to develop the full proposal if designated **as one of the three institutional nominees**.

[NIFA Funding Opportunities](#)

[NSF Funding Opportunities](#)

[NIH Funding Opportunities](#)

[OSU Internal Competitions](#)

[Limited Submission Opportunities](#)

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](#)