

FAES/OARDC Research News

March 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.

NIFA New Web Site

The National Institute of Food and Agriculture (NIFA) has debuted their redesigned website at www.nifa.usda.gov. A fresh new look and user-friendly navigation, it will make access to information about NIFA's grants and programs easier than ever. The new website is compatible with a variety of mobile devices so you can get information on-the-go.

Their new site features a grants search tool accessible from the homepage, a new "Tools" section that explains various NIFA web applications and databases, and an "Impacts" page that highlights the outcomes NIFA grantees have achieved in finding innovative solutions in key areas such as food security, food safety, climate change, health, and more.

USDA Public Access Plan

USDA recently published its plan to increase public access to results of USDA-funded scientific research. It is available at the USDA Open Government Website:

http://www.usda.gov/wps/portal/usda/usdahome?navid=USDA_OPEN.

The direct link to the plan is:

<http://www.usda.gov/documents/USDA-Public-Access-Implementation-Plan.pdf>.

Invention and commercialization assistance now available on OARDC Wooster campus at BioHio in Pounden Hall

A representative from the Technology Commercialization Office (TCO) will be available at the OARDC Wooster campus from 9am-4pm every second Thursday of the month. The TCO representative, along with Dr. Shauna Brummet, President & CEO BioHio will host open standing appointments to address questions from faculty, staff, post-docs and students focused on innovation, commercialization, and entrepreneurship at The Ohio State University from 10am-noon. To schedule an appointment time with a TCO representative contact Melissa Kelly at kelly.905@osu.edu.

USDA-NIFA Centers of Excellence

A provision in the 2014 Farm Bill identifies Center of Excellence (CoE) recognition. You may have already listened or seen the material referenced below. This is a proposal by proposal self-declaration that would be evaluated by the respective Peer Review Panels IF there is in essence a tie with funding recommendations. Then, the CoE narrative in the proposal would be evaluated. It is being described as a tie breaker. There have been several webinars and a Factsheet prepared by NIFA. The Factsheet is most helpful and may be of benefit to faculty and staff involved in preparation of proposals. In subsequent years this may have more "meaning" to the competitive grant process, so we will watch to see how it evolves.

[NIFA Center of Excellence Fact Sheet](#)

[Center of Excellence Webinar that aired on 3/12/15](#)

2015 OARDC Annual Research Conference

The 2015 OARDC Annual Research Conference will be held on April 16, 2015 at The Nationwide & Ohio Farm Bureau 4-H Center, Columbus Campus. This year's conference title is "Water Quality: Sustaining a Vital Resource".

Dr. Bruce McPheron and Dr. Steven Slack will be giving presentations along with guest speakers and a panel line up that we know you'll not want to miss. Deanna Osmond from North Carolina University will be speaking on "Can We Protect Water Quality?: The Importance of Watersheds"; Jay Martin, OSU, will be speaking on "Field to Faucet: Impacts of Phosphorus and Steps Forward in the Western Lake Erie Basin"; and a Panel Discussion with Jeff Reutter, Richard Moore, Karl Gebhardt, Marty Kress, Libby Dayton, and Mazeika Sullivan.

Awards will be presented for outstanding faculty as well as our poster competition for outstanding research for students and staff. Approximately 80 posters will be displayed.

Registration Deadline - April 10, 2015, 5:00pm

All attendees must register on-line for the conference at the website above. This includes students and staff who have submitted posters to the poster site.

Web Based Registration Form:

<http://www.oardc.ohio-state.edu/annualconference>

For Wooster attendees, a bus has been reserved to transport folks to the conference. Except for special circumstances, no vehicles will be available from the motor pool for travel to the conference since transportation is

being provided. Please indicate you will need transportation from Wooster when registering for the conference.

Faculty Achievements & Recent Awards

Andrew Michel (Entomology), **Zakee Sabree** (EEOB), **Tea Meulia** (MCIC), **Raman Bansal**,(Entomology) were awarded **\$100,000** from the SEEDS: The OARDC Research Enhancement Competitive Grants Program to research *Identifying the adaptive role of a bacterial symbiont for management prospects of an invasive, polyphagous insect pest.*

Chang Lee, (Food Animal Health Research Program), **Kichoon Lee**, (Animal Sciences), **Propser Boyaka**, (Vet Biosciences) were awarded **\$100,000** from The OARDC Research Enhancement Competitive Grants Program to research *Transgenic Quail as a Model for Flu Research.*

Brent L. Sohngen (Agricultural, Environmental and Development Economics), was awarded **\$82,214** from Purdue University (as part of a NIFA-AFRI , \$500,000 award) to study *Will Global change jeopardize the US forest carbon sink?*

Annie Specht, (Agricultural Communication, Education & Leadership) was awarded **\$46,012** to research *Listening in on water quality: Using Big Data platforms to monitor online conversations about water issues in Ohio*, from The OARDC Research Enhancement Competitive Grants Program.

David Hix and Charles Goebel (School of Environment & Natural Resources) were awarded **\$49,991** from The OARDC Research Enhancement Competitive Grants Program to research *Change in forest ecosystems of southeastern Ohio: Assessing past trends and predicting future plant diversity and stand structural dynamics.*

Funding Opportunities

If you have questions about the process or need assistance with proposal development and submission, contact the Grant Development Support Unit at gdsu@osu.edu or 330-263-3647.

[North Central Soybean Research Program \(NCSRP\) RFA](#)

The NCSRP is seeking soybean research proposals for funding to begin on October 1, 2015. The NCSRP Board will fund research projects that address their goals to increase soybean grower productivity and profitability while improving environmental stewardship. The NCSRP will fund both applied and basic research, and the communication of research results, to provide short- and long-term practical benefit to Midwestern soybean producers. **DUE DATE: May 20, 2015 Note: Applicants are encouraged to coordinate efforts with The Ohio Soybean Council. Tom Fontana (tfontana@soyohio.org)**

[Ohio Third Frontier's Technology Validation and Start Up Fund \(TVSF\)](#)

The goal of the Ohio Third Frontier Technology Validation and Start-up Fund (TVSF) is to create greater economic growth in Ohio based on start-up companies that commercialize technologies developed by Ohio institutions of higher education and other Ohio not-for-profit research institutions. **DUE DATE: April 9, 2015**

[NSF Plant Genome Research Program](#)

This program is a continuation of the Plant Genome Research Program (PGRP) that began in FY 1998 as part of the National Plant Genome Initiative (NPGI). Since the inception of the NPGI and the PGRP, there has been a tremendous increase in the availability of functional genomics tools and sequence resources for use in the study of key crop plants and their models. Proposals are welcomed that build on these resources to develop conceptually new and different ideas and strategies to address grand challenge questions in plants of economic importance on a genome-wide scale.

DUE DATE: May 27, 2015

[NSF Faculty Early Career Development Program: CAREER](#)

CAREER: 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 members at all CAREER-eligible.

DUE DATE: July 21, 2015

[NSF Research Instrumentation Program](#)

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, museums and science centers, and non-profit organizations. This program especially seeks to improve the quality and expand the scope of research and research training in science and engineering, by providing shared instrumentation that fosters the integration of research and education in research-intensive learning environments. Development and acquisition of research instrumentation for shared inter- and/or intra-organization use is encouraged, as are development efforts that leverage the strengths of private sector partners as appropriate for the goals of the MRI Program.

To accomplish these goals, the MRI program assists with the acquisition or development of shared research instrumentation that is, in general, too costly and/or not appropriate for support through other NSF programs. For the purposes of the MRI Program, proposals must be for either acquisition or development. Instruments are expected to be operational for regular research use by the end of the award period. **DUE DATE: November 23, 2015**

Limited Submission Opportunity

OPEN USDA-NIFA Funding Opportunities

[Specialty Crop Research Initiative \(SCRI\)](#)

Letter of Intent Deadline: March 30, 2015

DUE DATE: July 2, 2015

[Crop Protection and Pest Management \(CPPM\)](#)

DUE DATE: April 7, 2015

[Integrated Research, Education, and Extension Competitive Grants Program - Organic Transitions \(ORG\)](#)

DUE DATE: April 16, 2015

[Organic Agriculture Research and Extension Initiative \(OREI\)](#)

DUE DATE: April 4, 2014

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

DUE DATE: April 17, 2015

[Biomass Research and Development Initiative \(BRDI\)](#)

(USDA and DOE)

Concept Papers Due: March 27, 2015

Full Application Due: July 27, 2015

[AFRI-FOUNDATIONAL PROGRAMS](#)

USDA- NIFA- AFRI

DUE DATE: Varies by program area

[Water for Agriculture Challenge](#)

USDA – NIFA - AFRI

Letter of Intent Deadline: April 9, 2015

DUE DATE: July 16, 2015

[Childhood Obesity Prevention Challenge](#)

USDA – NIFA - AFRI

DUE DATE: April 23, 2015

[Food Safety Challenge Area](#)

USDA – NIFA – AFRI

DUE DATE: May 13, 2015

[Agriculture and Natural Resources Science for Climate Variability and Change Challenge](#)

USDA- NIFA –AFRI

Letter of Intent Deadline: April 2, 2015

DUE DATE: June 4, 2015

[Food Security Challenge](#)

USDA –NIFA-AFRI

DUE DATE: June 4, 2015

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](#)