Grant Development Support Unit

Research News

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

March 2018

February 2018 Issue of Research Development and Grant Writing News—Now Available
The OSU Office of Research provides a campus-wide subscription to this excellent newsletter (OSU login required). Articles in this issue include:
- Why Review Proposals for Funding Agencies
- NSF OIG Report on Proposal Plagiarism & Misconduct
- Dealing with NIH’s New Clinical Trials Policy
- Agency Research News, Reports, Workshops & Roadmaps
- New Funding Opportunities and much more

NSF’s Public Access FAQs
Are you currently working on or planning to work on an NSF grant? The National Science Foundation has posted an updated list of frequently asked questions about its public access policy.

Conflicts of Interest
Did you know that you can update the annual Conflict of Interest Form at any time? If you find that a new potential conflict of interest exists as either a financial interest or as some other opportunity for tangible personal benefit, you can return to the form and update it to maintain transparency.

CFAES Research FY 2017
The college has compiled some research statistics from FY 2017 and created CFAES Research in Review. You can see the completed infographic at the end of the newsletter.

Human Subjects Research Newsletter

A Refresher on Subawards
A subaward is a collaborative arrangement between a grantee institution and another organization in support of the grantee’s research project. Learn the requirements and responsibilities if you want to use a subaward to augment your own expertise and improve the efficiency of your research.

Unusual Circumstances: Absence of the Principal Investigator
The principal investigator named in a sponsored agreement is the person to whom both the agency and the university look for appropriate direction, oversight, and management of the award. Most sponsors require that the principal investigator named in the agreement be available to conduct the project for its entire duration. The sponsor must be informed if the principal investigator will not be available for any continuous period of more than three months (due to sabbatical leave, illness, or other approved leave) or when the principal investigator either withdraws from the project entirely or proposes to devote substantially less effort to the project than was anticipated at the time of award. In most cases, it is necessary to obtain sponsor approval before making a change in the principal investigator status. Sponsors may elect to terminate any project for which the university is unable to identify a suitable alternative investigator to continue a project. Read more on the OSP webpage.

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.
Educational Opportunities

Team Science and the Role of Research Development Professionals
Wednesday, March 21, 2018, 11:00—12:00pm
Video-linked: Kottman Hall 200 (Columbus) - 130 Research Services (Wooster)
Federal agencies are increasingly allocating funding to address societal Grand Challenges. Universities understand that mounting successful efforts in response require team science approaches. RA/RD professionals play an essential role in supporting these efforts. This presentation will define types of team science, describe major award programs supported by several of the federal agencies, and discuss how RA/RD can facilitate the successful development and submission of these proposals. Please register if you plan to attend.

Problem Solving in International Research
Thursday, March 22, 2018, 1:00pm—2:30pm
35 Psychology Building, Columbus, OH
In this 1.5 hour session, the Office of Sponsored Programs will discuss common problems that come up in international research at Ohio State. Even if you don’t have faculty currently working or doing research outside the US, you easily could in the future given the increasingly globalized nature of research and public service. Learn more about what you need to think about when working in the international arena. Presenters Scott Erbe, David Mackie, Aimee Nielsen-Link and Jared Port will describe their extensive experience in working with entities outside of the US and best practices in solving them. The best way to understand working with foreign institutions is to realize that there is no normal, but there are methods and procedures that should be able to guide you through each situation. Register via BuckeyeLearn.

Increasing the Visibility of Your Research
Wednesday, March 28, 11:00 am—12:00 pm
Research Commons, 3rd floor, 18th Avenue Library, Columbus
This workshop will discuss strategies and outlets for making your research more visible, including open access, scholarly profiles, social media, and The Conversation. Presenters include: Nancy Courtney, Research Impact Librarian, University Libraries Jeff Grabmeier, Senior Director, Research Communications Who: OSU faculty, postdocs, and graduate students When: Wednesday, March 28, 11:00 a.m. - 12:00 p.m. Where: Research Commons, 3rd floor of 18th Avenue Library Please register if you plan to attend.

Grants for Graduate Students: How to Successfully Apply for a CGS Grant
Friday, March 30, 2018, 12:00pm—1:30pm
Research Commons, 3rd floor of 18th Avenue Library, Columbus
Are you a graduate student interested in research, conference travel, and professional development grants available to you through the Council of Graduate Students (CGS)? Want to know how to push your CGS grant application over the top? At this session, you will learn the ins and outs of applying for the Global Gateway Grant, Ray Travel Award, Career Development Grant, and Hayes Research Forum. A light lunch will be provided. Please register if you plan to attend.

See a full listing of upcoming events on our webpage.

Recent Awards

Devin Peterson, Christopher Simons, FST; $450,425: Mapping whole wheat bread quality: Defining molecular drivers of preference and their pathways of formation, National Institute of Food & Agriculture

Mark Sulc, HCS; Jim Jasinski, OSUE Agr & Natural Resources; $85,547: Proximal and remote sensing of alfalfa canopies for early detection of insect stress and rapid integrated pest management decision-making, University of Maryland

Brian Roe, AEDE; Dennis Heldman, FST; $79,999: Assessing Impacts of a Novel Milk Labeling Technology on Sustainability, SEEDS: The CFAES Research Enhancement Competitive Grants Program

Zhongtang Yu, Lisa Bielke, Animal Sciences; $79,932: Development of phage lysins as non-antibiotic alternatives to control necrotic enteritis in poultry, SEEDS: The CFAES Research Enhancement Competitive Grants Program

Jyan-Chyun Jang, HCS; Venkat Gopalan, Biochemistry; $79,915: Genome-wide mapping of plant tandem zinc finger protein-RNA interactions for crop improvement, SEEDS: The CFAES Research Enhancement Competitive Grants Program
Funding Opportunities

The FFAR Fellows program is accepting research proposals from both academic and industry researchers. This program combines cutting edge food or agriculture-related research with innovative professional development programs designed to help students be career-ready upon graduation. Accepted proposals will fund one graduate student ($50,000/year for three years). A separate opportunity provides funding for expenses associated with being part of the professional development aspects of the program.
Deadline: March 15, 2018

USEPA—Nonpoint Source Program
Ohio EPA is making available more than $2.3 million in federal Section 319 Clean Water Act funding for subgrants to local governments, park districts, soil & water conservation districts, and others to implement water quality improvement projects. Such projects shall address nonpoint sources of impairment such as nutrients, habitat, hydromodification and silt/sediment.
Deadline: March 15, 2018

USDA-NIFA—Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program (SPECA)
The SPECA program seeks to: (a) promote and strengthen secondary education and two-year postsecondary education in the food, agriculture, natural resources and human (FANH) sciences in order to help ensure the existence of a workforce in the United States that's qualified to serve the FANH sciences system; and (b) promote complementary and synergistic linkages among secondary, two-year postsecondary, and higher education programs in the FANH sciences in order to advance excellence in education and encourage more young Americans to pursue and complete a baccalaureate or higher degree in the FANH sciences.
Deadline: April 4, 2018

DARPA—Biological Technologies Office accepting proposals
The Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals of interest to the Biological Technologies Office (BTO). Proposed research should investigate leading edge approaches that enable revolutionary advances in science, technologies, or systems at the intersection of biology with engineering and the physical and computer sciences.
Deadline: April 26, 2018

USDA-NIFA—Agriculture in the Classroom (AITC) Program
NIFA's Agriculture in the Classroom Program (AITC) serves nearly 5 million students and 60,000 teachers annually through workshops, conferences, field trips, farm tours, and other educational activities. AITC programs include working with state AITC activities engaged in a variety of issues relating to agricultural literacy. Other programs emphasized by the NIFA AITC office include science literacy, agricultural careers, and nutrition.
Deadline: May 1, 2018

The GDSU is a free service provided to all CFAES faculty and staff. Our specialists offer guidance to researchers in planning and conceptualizing externally funded research projects, finding funding opportunities, and submitting well-crafted and competitive applications. The GDSU has been successful in obtaining more than $87 million in new extramural funding since its inception in 2010. We have offices on both the Wooster and Columbus campuses. For more information, see our webpage: grants.cfaes.ohio-state.edu
CFAES RESEARCH in REVIEW FY 2017

GRANT EXPENDITURES
the funds spent on personnel, supplies and services – reflect the research activity of the college.

$37 MILLION

AWARDS AND SUBMISSIONS
488 Proposals submitted
351 Awards*
$44 M

*Extramural awards, contracts and cooperative agreements

INTELLECTUAL PROPERTY
9 New Patents Issued
33 Invention Disclosures
58 New Inventors
$173,696 Total Licensing Revenue

SPONSORED PROGRAM FUNDING SOURCES

<table>
<thead>
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<th>Source</th>
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45% Federal
17% Private Agencies
14% Industry
11% State
13% Other

INVESTING IN RESEARCH

DC DAYS
In 2017, 4 faculty members and 3 staff members travelled to Washington, DC. The DC Days program allows early career faculty a chance to meet program officers and discuss funding opportunities.

FIRST TUESDAYS
First Tuesdays is a professional development program for new CFAES faculty. A total of 28 faculty members attended the program throughout the year.

EDUCATIONAL OPPORTUNITIES
There are many opportunities for faculty to learn about a range of topics. In 2017, over 26 sessions were promoted via the CFAES Research Newsletter.

SEEDS
Each year, CFAES researchers are invited to participate in the SEEDS program, an internal competition for funding. There are awards for individual faculty, faculty teams, graduate, and undergraduate students.

In FY17 CFAES had a total of 877 ACTIVE GRANTS
What are CFAES Researchers studying?

SEEDS
141 Applications Received
40 Proposals Awarded
$897K in Faculty Awards
$109K in Student Awards

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

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