NSF Wants to Know What You Think it Should Fund
Got an idea that could transform the world? The National Science Foundation (NSF) is all ears. The $7.8 billion research agency in Alexandria, Virginia, already gets way more good research proposals from scientists than it can fund. NSF officials worry they still might be missing something important, so this fall they will give the public a chance to win glory—and some money—in a contest dubbed The NSF 2026 Idea Machine. Read more...

I-FAST Program Provides training to NIFA grantees
NIFA is announcing the I-FAST prize competition to develop and implement the Innovations in Food and Agricultural Science and Technology (I-FAST) Program. NIFA partners with the NSF Innovation Corps (I-Corps) to provide entrepreneurship training to NIFA grantees under this pilot program. The goals are to identify valuable product opportunities that can emerge from NIFA supported academic research.

Selected I-FAST project teams will participate in the educational programs with NSF’s I-Corps Program. Within six months the NIFA-supported teams will learn what it will take to achieve an economic impact with their innovation. The final goal of the I-FAST Competition is to facilitate technology transfer of innovations that can make an impact in the marketplace and the global economy. Contact Scott Dockum or Olivia Moreno at contest@nifa.usda.gov or visit the Challenge.gov site for more information.

Revised Export Control Policy
The revised OSU Export Control policy went into effect Sunday, April 15, 2018. The revised policy applies to all university faculty, staff, students, visiting scholars, visitors and all others retained or working at the university. Updates to the policy include revisions to descriptions of exports and sanctioned transactions to conform to recently revised federal regulations and existing export practice and expands the Procedure section to reflect current operating procedures.

Ohio State plans for GDPR
The General Data Protection Regulation (GDPR) is a new data protection privacy standard for individuals within the European Union (EU) that went into effect on Friday, May 25, 2018. It also applies to the export of personal data to organizations outside of the EU, including Ohio State.

Ohio State formed a working group to develop a GDPR compliance program. The group includes representatives from University Compliance and Integrity, Office of Academic Affairs, Enterprise Security, the Wexner Medical Center, the Office of Research, the Office of Legal Affairs, and other relevant units.

The group has created a plan to meet GDPR requirements, created governance around GDPR data management, and began implementation of a GDPR program using pilot offices with highest exposure to EU residents. Read more.

SEEDS: The CFAES Research Competitive Grants Program

The new FY 19 Request for Proposals for SEEDS: The OARDC Research Enhancement Competitive Grants Program is now available online. There will be four informational sessions and everyone is invited to attend:

Wooster: Thursday, September 13 at 10:30am and 1:00pm in Research Services 130
Columbus: Tuesday, September 11 at 10:00am and Wednesday, September 12 at 2:30pm in Ag. Admin. 250A

Faculty proposals will be due Wednesday, October 10, 2018 at 5:00 p.m.
All questions regarding the SEEDS program should be directed to Melissa Burant.
Need Volunteers to assist with research?
The Ohio Certified Volunteer Naturalist (OCVN) program is a research-based education program of The Ohio State University offered in partnership with several host locations, such as park districts and various environmental organizations. The OCVN program emphasizes hands-on natural resource and environmental education coupled with volunteer service.

There are trained volunteers all across the state who are ready and willing to assist on a wide range of projects—from educational programming to in-field monitoring and data collection. Contact Anne Baird for more information.

New Report: Science Breakthroughs to Advance Food and Agricultural Research by 2030
A new consensus study report from the National Academies of Sciences, Engineering, and Medicine has been released. This report identifies innovative, emerging scientific advances for making the U.S. food and agricultural system more efficient, resilient, and sustainable into 2030.

Some of the major challenges to agriculture highlighted in the report include: reducing soil loss and integrity, optimizing water use in agriculture, and reducing food loss throughout the supply chain. The report discusses the importance of transdisciplinary science, which allows convergence of ideas across scientific disciplines.

The study ultimately identified five convergent breakthrough opportunities that are seen as areas expected to have the greatest positive impact on food and agriculture. One conclusion drawn from the report is that Cooperative Extension and the Agricultural Experiment Station Network deserve continued support, due to their ability to perform research and effectively translate this information to stakeholders in order to achieve impactful results.

You can download the prepublication version of the report online for free.

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The U.S. Department of Health and Human Services, Office of Research Integrity Spring Newsletter is now available.

This issue includes:
- Images in Scientific Publications Under Growing Scrutiny
- A Pilot Study Identifies Ethical Violations in Biostatistical Consulting
- Case Summaries of Research Misconduct Findings

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POLICY OVERVIEW

What is the ePA-005?
The ePA-005 is the university’s proposal pre-approval application used by investigators submitting proposals to external sponsors. A fully-signed ePA-005 must be available to the Office of Sponsored Programs prior to proposal sign off and submission.

Why is it important?
The form serves two purposes:
1. It documents administrative, budgetary and compliance information about the proposal and provides Chairs, Center Directors, Deans and Vice Presidents with a summary of that information.
2. Campus signatures are the Office of Sponsored Program’s authorization to submit the proposal to an external sponsor.

You can find guidance on how to complete an ePA-005 on the GDSU web site. If you are a Discovery Themes (DT) hire or have a DT hire on an external proposal, be sure to review the specific org. requirements. Specific questions can be directed to Lori Kaser.

Recent Revisions
The ePA-005 was recently updated to better meet the requirements of today’s regulatory environment and to help guide whether grant congruency review is needed. Grant congruency review is an evaluation of a grant proposal awarded compared to the associated research protocol to ensure consistency in the research activities that will be conducted and the protection of human and animal subjects. Congruency review may be required by federal sponsors according to applicable regulations.

To obtain guidance on the congruency review process please contact the following:
Human Subjects Research: hscongruencyreview@osu.edu
Animal Research: IACUCinfo@osu.edu
Office of Sponsored Programs: Sponsored Program Officers

Waiting for the Notice of Award from the sponsor prior to initiating the congruency review process may increase the possibility for a delay in the release of funds. Additional investigator guidance on grant congruency can be found here: Human Subjects Research FAQs Animal Research FAQs
FUNDING OPPORTUNITIES

NIH—DIRECTOR’S NEW INNOVATOR AWARD
The Director’s New Innovator Award supports early stage investigators of exceptional creativity who propose highly innovative new research approaches with the potential to produce a major impact on broad, important problems in biomedical or behavioral research. Applications from individuals with diverse backgrounds and in any topic relevant to the broad mission of NIH are welcome. The NIH Director’s New Innovator Award complements ongoing efforts by NIH and its Institutes and Centers to fund early stage investigators through R01 grants, which continue to be the major sources of NIH support for early stage investigators. The NIH Director’s New Innovator Award is a component of the High-Risk, High-Reward Research program of the NIH Common Fund.

Deadline: September 10, 2018

LIMITED SUBMISSION OPPORTUNITY: NSF—MAJOR RESEARCH INSTRUMENTATION PROGRAM (MRI)
The MRI program 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. The program allows 3 applicants per institution, so if you are interested in applying, please contact Jeff Agnoli. You can view full details of this opportunity by going to the Special Funding Opportunities Database and searching by SPIN ID: 25494.

Internal Intent Deadline: September 17, 2018

NIFA—RESEARCH IN BIOMEDICINE AND AGRICULTURE USING AGRICULTURALLY IMPORTANT DOMESTIC SPECIES
This interagency program issued by the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Heart, Lung, and Blood Institute (NHLBI), and USDA National Institute of Food and Agriculture (NIFA) invites the submission of grant proposals utilizing agriculturally important domestic species to improve human health and animal agriculture through the advancement of basic and translational research deemed highly relevant to both agricultural and biomedical research. This initiative is designed to facilitate and encourage comparative medicine research studies through the careful selection and refinement of farm animal models that mimic human developmental, physiological, and etiological processes to better understand disease origins and improve assisted reproduction efficiencies.

Deadline: September 27, 2018

DoD—DEFENSE MULTIDISCIPLINARY UNIVERSITY RESEARCH INITIATIVE (MURI) GRANTS
The MURI program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to the Department of Defense (DoD). The program focuses on multidisciplinary research efforts where more than one traditional discipline interact to provide rapid advances in scientific areas of interest to DoD. Typical annual funding per grant is in the $1.25 to $1.5 million range.

Deadline: October 16, 2018

FORD FOUNDATION POSTDOCTORAL FELLOWSHIPS
This year approximately 24 postdoctoral fellowships will be awarded. The postdoctoral fellowships provide one year of support for individuals engaged in postdoctoral study after the attainment of the Ph.D. or Sc.D. degree. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students.

Deadline: December 6, 2018

INTERNAL OPPORTUNITY: ACADEMIC ENRICHMENT GRANTS
The Office of International Affairs is seeking applications for its Academic Enrichment Grants, which support activities with lasting impact across the globe. The grant competition is open to faculty, graduate and undergraduates whose applications focus on research projects that address global issues, connect discipline-specific research to programs in diverse cultural settings, explores the languages, cultures, arts, social sciences and area studies and/or promotes active collaborations with institutional partners. The competition will award grants between $500 and $8,000.

Deadline: February 9, 2019

NIFA—AGRICULTURE AND FOOD RESEARCH INITIATIVE - FOUNDATIONAL PROGRAM
The AFRI Foundational Program supports grants in the six AFRI priority areas to continue building a foundation of knowledge critical for solving current and future societal challenges. The six priority areas are: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural Resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities. Single-function Research Projects, multi-function Integrated Projects, and Food and Agricultural Science Enhancement (FASE) Grants are expected to address one of the Program Area Priorities (see Foundational Program RFA for details).

Deadline: Varies—see the 2018 AFRI Foundational Schedule
EDUCATIONAL OPPORTUNITIES

CORPORATE RESEARCH ENGAGEMENT 101 (INTERACTIVE SEMINAR)
WEDNESDAY, AUGUST 1, 10:00AM—11:30AM
RESEARCH COMMONS, 3RD FLOOR OF 18TH AVENUE LIBRARY
Many factors are driving an increase in engagement between universities and industry; including increased competition for redirected and/or declining governmental research investments and the creation of products and markets that require a workforce with new skills. This workshop, led by staff from the Industry Liaison Office, addresses the challenge of bridging the industry-university divide by providing researchers with a fundamental understanding of the value of industry engagement and the engagement continuum, tools for rapidly vetting and solidifying industrial opportunities, and knowledge of the support resources at OSU that are key to helping secure and nurture industrial relationships. Register

PLANNING AND WRITING SUCCESSFUL PROPOSALS
TUESDAY, SEPTEMBER 18, 8:30AM—4:30PM
NATIONWIDE & OHIO FARM BUREAU 4-H CENTER AUDITORIUM
Presented by: M.S. (Peg) AtKisson, PhD, Founder AtKisson Training Group
This workshop contains a number of different approaches to the material, including lecture format, “in-classroom / flipped classroom,” quizzes, and participant-led instruction. We focus on both the why and the how, turning conceptual ideas about the elements of successful proposals into concrete strategies.
Registration is limited and fills up quickly, so register now!

SEEKING SOLUTIONS IN RESEARCH INTEGRITY SUMMIT
SUNDAY, SEPTEMBER 23, 9:00AM—6:00PM
BLACKWELL INN AND CONFERENCE CENTER
The Research Integrity Summit, a one-day national conference, will be held on Sunday, September 23 at the Blackwell Inn and Conference Center. This event will bring together multiple stakeholders – researchers, institutions, publishers, funders, scientific societies, the press and federal agencies – to discuss concerns in research integrity from different perspectives. Registration is free.

Some questions to be addressed:
• What can institutions do to create a more effective environment for scientists to perform research reflecting the highest standards of research integrity?
• How can senior research leaders help their universities manage complex research misconduct matters?
• What are current and developing guidance/policies from institutions and journals to tackle emerging research integrity issues?
• What are the editorial challenges in managing falsification, fabrication and plagiarism?

See a full listing of upcoming events on our webpage.

RECENT AWARDS
Laura Lindsey, Alex Lindsay, (HCS); Elizabeth Hawkins (OSUE, Ag & Natural Resources); with collaborators at Central State University and Michigan State; $297,236: Just because farmers can, should they? Research-based tools & modules for informed agronomic & economic variable rate seeding decisions, National Institute of Food & Agriculture

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. For more information, see our webpage: grants.cfaes.ohio-state.edu