Updates from the Associate Dean

It is with great pleasure that I send out this inaugural greeting in our monthly newsletter. It has been three months since I joined The Ohio State University and each day serves to remind me of how fortunate I am to work in this organization. I would like to use the newsletter to give you periodic updates on important issues concerning our research enterprise. Given that this is my first such message, I will provide you with an update on my activities since I started my position. Most of my time has been spent on what I call my “Discovery Tour” of CFAES. I have traveled to all of our off-campus locations with the exception of the Stone Lab (planned for October) and am starting to meet with faculty at their respective faculty meetings. Considerable time has been spent learning about our budget process, the CFAES intellectual property portfolio, indirect cost recovery, and graduate education matters. Of course, one my top priorities has been to begin implementation of the recommendations from the National Council of Research Administrators (NCURA) review of CFAES that was completed in 2016. To that end, we have formed a CFAES Research Advisory Committee (one of the review recommendations) that has the following members: Sheryl Barringer, Anne Dorrance, Michelle Jones, Kimberly Lightle, Chanhee Lee, Jay Martin, Peter Piermarini, Gireesh Rajashekar, Mary Rodriguez, Mazeika Sullivan, and Laura Williams. The committee had its first meeting on September 21 and will be meeting approximately monthly for the rest of the academic year. The overall committee charge is to provide advice on implementation of NCURA review recommendations, and to provide strategic direction for enhancing the CFAES research enterprise. I thank the committee members for their service, look forward to working with them, and will provide progress reports here in the future.

USDA-NIFA Report Accepted for FY17

The FY17 Annual Report of Accomplishments (ROA) for Ohio State University was accepted by the National Institute of Food and Agriculture (NIFA) on September 7, 2018. The ROA is required to be submitted by our college each year in order to secure federal capacity funding from the USDA. The report includes financial information, outreach data, and highlights various research and extension projects being done at the college to help demonstrate the impact of USDA funding. These impacts are also typically added to the national land-grant database, which is used to promote land-grant programs to public officials and helps illustrate the value of land-grant institutions to the general public. To learn more about the USDA and capacity funds, view the attached handout, “Strengthening the Land-Grant University Mission through Capacity Funding.”

Research Integrity at Ohio State

Ohio State requires all research eligible faculty, staff and students involved in designing, conducting or reporting research be trained in Responsible Conduct of Research (RCR). All research eligible faculty, staff and students are required to complete the RCR training if they have not already. Please note that this requirement is in addition to any other RCR training that may have been taken to date.

Advice on Proposal Reviewing

NSF has released an orientation video that provides tips on how to write a high-quality review. More

NSF Updated Terms and Conditions

The final version of NSF’s terms and conditions for grant awards was published recently in the Federal Register. A link to this Federal Register notice, as well as other important information regarding this important topic (including an FAQ), is available here.

NSF Idea Machine

The National Science Foundation (NSF) announces the launch of the NSF 2026 Idea Machine, a prize competition to help set the U.S. agenda for fundamental research in science, technology, engineering, and mathematics (STEM) education. Participants can earn cash prizes and receive public recognition by suggesting the pressing research questions that need to be answered in the coming decade—the next set of “Big Ideas” for future investment by NSF. Entries will be accepted through October 26, 2018. For more information please visit the NSF 2026 Idea Machine website.

Dissemination Toolkit

The Dissemination Toolkit offers resources, tips, and strategies that may help. There are multiple ways to use this toolkit, depending on the stage of your project and your purposes for dissemination. We suggest three possible entry points: create an overall project communication plan, create a strategy for disseminating a specific product, and find resources specific to your dissemination approach and needs.

grants.cfaes.ohio-state.edu
gdsu@osu.edu
FUNDING OPPORTUNITIES

INTERNAL OPPORTUNITY: OPIOID INNOVATION FUND
This program is designed to bring together multiple, available resources and leverage existing partnerships (private and public) to develop programs/initiatives that will achieve measurable, positive impacts to reduce the burden of the opioid crisis. Partnerships within Ohio State could also include regional campuses or Extension offices that offer proximity to many of the Ohio counties most affected by the opioid crisis. Where appropriate, partnerships are encouraged with community organizations such as local faith-based groups and non-profits, as well as local governmental agencies, libraries and businesses. It is critical that projects dependent on community engagement have effective and sustainable partnerships in the community.
Deadline: October 12, 2018

NSF—GRADUATE RESEARCH FELLOWSHIP PROGRAM
The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce of the United States. The program recognizes and supports outstanding graduate students who are pursuing research-based master’s and doctoral degrees in science, technology, engineering, and mathematics (STEM) or in STEM education including psychology and the social sciences. The GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant research achievements in STEM or STEM education. NSF especially encourages women, members of underrepresented minority groups, persons with disabilities, veterans, and undergraduate seniors to apply.
Deadline: October 25, 2018

FOUNDATION: SPENCER SMALL GRANTS IN EDUCATION RESEARCH
The Small Research Grants program aims to support smaller scale or pilot research projects that have budgets of $50,000 or less. Proposals are encouraged from scholars across a variety of disciplines in an effort to fund field-initiated education research. Small Research Grant proposals are accepted 4 times per year.
Upcoming Deadlines: November 1, 2018, February 1, 2019, and May 1, 2019.

FORD FOUNDATION POSTDOCTORAL FELLOWSHIPS
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. This year the program will award approximately 24 postdoctoral fellowships.
Deadline: December 6, 2018

THE ALLEN FOUNDATION INC.
The connections between diet and health remain a basic and primary priority, and consideration has always been given to projects that benefit nutritional programs in the areas of education, training, and research. Low priority has traditionally been given to proposals that help solve immediate or emergency hunger and malnutrition problems. The foundation welcomes proposals that develop and advance: (1) the inclusion of mandatory courses in nutrition in medical schools; (2) bringing the promise of nutrigenomics or nutritional genomics to realization; and (3) the promotion of environmentally sound, economically viable, socially responsive, and sustainable food and agricultural systems. Grants are limited under the terms of the foundation's charter to projects that primarily benefit programs for human nutrition in the areas of health, education, training, and research.
Deadline: January 15, 2019

MULTI-STATE RURAL DEVELOPMENT RESEARCH OR EXTENSION PROJECTS
The North Central Regional Center for Rural Development (NCRCRD) at Michigan State University announces a competition for seed grants aimed at enhancing the ability of Land Grant institutions to positively influence the quality of life in rural areas of the twelve-state North Central region of the United States. Grant awards may range from $5,000 to $25,000 each. Up to $144,000 will be awarded. The Center does not pay overhead or other administrative costs. For anyone who has questions regarding submitting a proposal or the proposal process, there will be a Q/A conference call on Thursday, January 18, 2018 at 1:00 PM (Eastern Time). To receive the call in information, email soliz@msu.edu.
Deadline: February 6, 2019

INTERNAL OPPORTUNITY: CAPS OPPORTUNITY GRANT
This opportunity is for those who are looking for resources that otherwise would not be possible (travel awards, matching equipment, etc.). Please go to the website to download a form to fill out and submit to caps@osu.edu. CAPS leadership will review each submission on a case-by-case basis and request additional information or clarification as needed.
No deadline, they will accept applications until funding runs out.
CALL FOR NOMINATIONS
President’s Postdoctoral Scholars Program
The Office of Postdoctoral Affairs announces the second President’s Postdoctoral Scholars Program competition. This program seeks to recognize outstanding young researchers at the university and aid in the recruitment of highly qualified postdoctoral fellows who will become leaders in their fields. The program provides funding to support further scholarly training of PhDs and terminal degree holders who wish to pursue careers in research and creative expression. Postdoctoral research funding, professional development and faculty mentoring will be offered. Letters of Intent are due by Thursday, November 1, 2018. Nominations must be received by 5 p.m. on Monday, December 3, 2018. Eligibility criteria, submission instructions, and other program details can be found on the PPSP website.

2019 Distinguished Scholar Awards
The Office of Research is requesting nominations for the 2019 University Distinguished Scholar Award (DSA). Each year, through the DSA program, the university recognizes and honors six faculty members who demonstrate scholarly activity, research or other creative works which represent exceptional achievements in their fields. Recipients of the award receive a $20,000 research grant and a $3,000 honorarium to pursue their scholarly activity. The deadline for submission of nominations is Monday, October 15, 2018, at 5 pm.
2019 DSA Nomination Packet (Fillable PDF—Note: You must save the packet before it can be used as a fillable PDF).

EDUCATIONAL OPPORTUNITIES

GET CONNECTED AT THE 2018 RESEARCH EXPO!
TUESDAY, OCTOBER 9, 2018, 11:30AM-2:00PM
IDEATION ZONE AND LABS, POMERENE HALL (3RD FLOOR)
This event, sponsored by the Office of Research, features information to support the growth and success of your research program. More than 50 exhibitors – research support services, centers/institutes, community partners and vendors – will be on hand to help you navigate your way through Ohio State’s research enterprise. Register here.

PAYING RESEARCH PARTICIPANTS: ETHICAL AND PRACTICAL CONSIDERATIONS
TUESDAY, OCTOBER 16, 11:00-12:30PM
JAMES CANCER HOSPITAL, ROOM LO45 (460 W 10TH AVENUE, COLUMBUS)
The Office of Responsible Research Practices, Center for Clinical and Translational Science, College of Optometry, and the Center for Human Resource Research are offering a workshop on participant recruitment and compensation considerations in both medical and non-medical research. Register via BuckeyeLearn.

INTRODUCTION TO THE PI PORTAL
TUESDAY, OCTOBER 16, 1:00-2:00PM, FABE 200 (WOOSTER)
WEDNESDAY, OCTOBER 17, 10:00-11:00AM, AGRICULTURAL ADMINISTRATION BUILDING 250A (COLUMBUS)
This workshop will provide an overview of the new, redesigned PI Portal, demonstrate its enhanced features and address questions. You will learn tips on how to use the PI Portal system to manage financial aspects of a project, verify remaining balances, reconcile outstanding expenditures, monitor cost-share activity, and review commitments and personnel appointments. We will also review project deadlines, uploaded documents, invoices/payments, expenditure allocation, important alerts from the Office of Sponsored Programs (OSP) and how to use the Portal to close purchase orders.
Presenter: Angie LeMaster, CFAES Finance
Register

NAVIGATING THE CFAES RESEARCH ENTERPRISE
WEDNESDAY, OCTOBER 31, 10:00-11:00AM
VIDEO-LINKED: PARKER FOOD SCIENCE AND TECHNOLOGY BUILDING 120 (COLUMBUS) – 122 GERLAUGH HALL (WOOSTER)
Join us to learn the different responsibilities of the Primary Investigator, Grant Development Support Unit, and the Office of Sponsored Programs when working on sponsored project proposals and throughout the life of a project.
Presenters: Lori Kaser, Grants and Contracts Administrator and Traci Aquara, Senior Sponsored Program Officer
Register

SEEDS Student RFP Informational Sessions
WEDNESDAY, NOVEMBER 7, 10:00-11:00AM AND 1:00-2:00PM IN AG. ADMIN. 250A (COLUMBUS)
FRIDAY, NOVEMBER 9 FROM 10:30-11:30AM IN RESEARCH SERVICES 126 AND 1:00-2:00PM IN RESEARCH SERVICES 130 (WOOSTER)
Are you thinking about submitting a proposal to the SEEDS student competition? If so, you may want to attend this session presented by Melissa Burant, the SEEDS Coordinator, for an overview of the Student RFP and to have any questions answered.

See a full listing of upcoming events on our webpage.
POLICY OVERVIEW

What is the Common Rule?
The Federal Policy for the Protection of Human Subjects, also known as the Common Rule, was adopted in 1981 to assure protection of human subjects in behavioral and biomedical research. It only applies to the 17 Federal agencies and offices that have signed the agreement, however most academic institutions follow these guidelines regardless of funding.

Why is it important?
The main elements of the Common Rule include requirements for assuring ethical compliance by research institutions, obtaining and documenting informed consent, and Institutional Review Board (IRB) membership, function, operations, review of research, and record keeping. The Common Rule also includes additional protections for certain vulnerable research subjects, such as prisoners, children, pregnant women, and fetuses.

Recent Revisions
As previously reported, on June 19, 2018, the U.S. Department of Health and Human Services and 15 other federal agencies delayed the general compliance date by six months for revisions to the Common Rule. The new compliance date, January 21, 2019, will allow institutions like Ohio State further time to make the necessary changes to be compliant with the 2018 revisions.

In order to be ready for implementation, the following preparations are taking place:
- Buck-IRB applications are being edited (continuing review, annual status report and exempt) and a new final study report application is being created. Final revisions were due to developers by August 31, 2018.
- Human Research Protection Policies are being updated with new/revised definitions. Other policy revisions will follow once OHRP issues Final Rule guidance.
- Education planning is underway, which will start with ORRP staff, followed by IRB members, investigators and research staff. CFAES representatives are on the OSU working committee for implementation and will be reaching out to investigators with Clinical Trials in November.

Please contact Ellen Patricia if you have questions about OSU and the Common Rule.

RECENT AWARDS

Ken Martin, Patricia Brinkman, Travis West, Chelsea Pekny, OSUE; Michael Betz, EHE; $320,152: Preventing opioid misuse and abuse in rural Ohio through enhanced family and community education and training, National Institute of Food & Agriculture.

Jay Martin, Margaret Kalcic, Ryan Winston, FABE; Greg LaBarge, OSUE/SENIR; Robyn Wilson, SENIR; Eric Roe, AEDE; David Julian, EHE; $4,999,930: Developing Public-Private Partnerships (PPPS) to Target Legacy Phosphorus Fields to Increase Water Quality and Availability, National Institute of Food & Agriculture.

Jonathan Jacobs, Plant Path; $700,000: Basis of Xanthomonas Tissue-Specific Behavior During Plant Pathogenesis, National Institute of Food & Agriculture.

Robyn Wilson, Kai Zhao, SENIR; $1,175,500: Regional integrated modeling of farmer adaptations to guide agroecosystem management in a changing climate, National Institute of Food & Agriculture.

Abigail Snyder, FST/OSUE; $75,000: Document Development and Management Training for Small-Scale Processors of Fermented, Acid, and Acidified Food, 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.
Strengthening the Land-Grant University Mission through Capacity Funding

The National Institute of Food and Agriculture (NIFA) is committed to supporting the research, education, and extension efforts of its land-grant institution partners. An important source of support for these institutions are legislatively authorized capacity funds. Several types of capacity funds are available annually on a non-competitive basis and are matched at the state and local levels. The amounts allocated to each state depend on variables such as rural population, farm population, forest acreage, and poverty rates.

Benefits of Capacity Funding

- Promotes multistate and multi-institutional collaborations for forming the national research and extension “systems” needed for addressing complex, multidimensional, and regional challenges.
- Provides institutions the flexibility to address local and regional emergencies and emerging challenges while sustaining long-term research programs and longitudinal studies.
- Strengthens the infrastructure and capabilities of land-grant institutions.

The Wide Reach of Capacity Funding

- **19,971** Number of projects supported by capacity funds from 2000-2015.
- **$1.86** Amount of non-federal funding leveraged for every $1 spent on federal capacity funding.
- **6 Million+** Number of youth empowered by 4-H. Smith-Lever 3(b) & (c) is the federal source of funding for 4-H.
- **1 in 6** Number of agriscience patents influenced by innovations at land-grant institutions.
- **28,400+** Number of full-time equivalent jobs supported by capacity funds in 2015.

Learn more about the value of NIFA’s Capacity Programs:

https://go.usa.gov/xNy5N

The Big 8

These capacity programs comprise 49 percent of NIFA’s Total Fiscal Year 2017 appropriations.

1. **HATCH** supports research and training of students at state agricultural experiment stations.
2. **EVANS-ALLEN** supports research at the 1890 historically black colleges and land-grant universities.
3. **MCINTIRE-STENNIS** supports forestry research and training at state agricultural experiment stations, forestry schools, and land-grant forestry research programs.
4. **ANIMAL HEALTH AND DISEASE RESEARCH** enhances the capacity of veterinary schools and state agricultural experiment stations to conduct research to improve the health of poultry, livestock, aquaculture, and other income-producing animals.
5. **1890S EXTENSION** provides primary support for extension programs at the 1890 land-grant institutions.
6. **RENEWABLE RESOURCES EXTENSION ACT** supports forest and rangeland education programs that benefit landowners and land managers, communities, and the environment.
7. **EXPANDED FOOD NUTRITION EDUCATION PROGRAM** provides nutrition education programming to low-income families to help them develop healthy habits in eating, physical activity, food handling, and food storage.
8. **SMITH-LEVER 3(B) & (C)** established the Cooperative Extension System, which translates knowledge into solutions that help improve people’s lives.

NIFAs partnership with the Land-Grant University and Cooperative Extension System:

- Congressional funding
- Administration of federal funds by NIFA
- Land-grant universities use federal plus state and local funds to manage extension programs
- Extension professionals translate knowledge to meet the unique needs of communities across America

Extension professionals are integrated within more than 3,000 counties and county equivalents across all U.S. states, districts, and territories. These professionals translate science into opportunities to help improve people’s lives.

**SOURCES:** Tripp, Simon, et al. (2017). Quantitative and Qualitative Review of NIFA Capacity Funding. TEConomy Partners, LLC. https://go.usa.gov/xNy5N

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