Message from Gary Pierzynski, Associate Dean for Research and Graduate Education

Partnering with Central State University

Several weeks ago I had the opportunity to visit Central State University (CSU) to interact with our research colleagues there. For those of you who may not be aware, CSU is a public, historically black university located in Wilberforce, Ohio. CSU, as it is known today, was formed in 1897 and later renamed to Central State University in 1965. CSU joined the ranks of land-grant universities in 2014 as Ohio’s only 1890’s university. Their College of Engineering, Science, Technology and Agriculture is the equivalent of CFAES. I was pleased to learn that we are already partnering with CSU on a number of joint grants and it is my goal to further these collaborations between CFAES and CSU. There are many advantages to meaningful collaborations between our universities. First and foremost, as land-grant institutions we have a common mission to provide accessible and affordable opportunities in higher education and serve our stakeholders. For research, work at CSU either supplements our efforts or can provide expertise in areas that we do not support, better serving our stakeholders. For a prospective undergraduate student, two land-grant universities located in Ohio offer expanded choices and we should encourage collaboration on curriculum issues and undergraduate research experiences. Central State could also be a valuable source of prospective graduate students, particularly if CSU undergraduates have more opportunities to interact with OSU faculty, helping to match student and faculty interests.

Most states have an 1862 land-grant university, with various combinations of 1890 or 1994 land-grant universities. Valuable lessons have been learned regarding how to foster productive, extended, and mutually beneficial collaborations between these entities. Having joint grants is an important first step, but a series of “one-off” relationships does not realize the full potential of collaboration between two land-grant institutions—significant interactions between and besides grant opportunities are essential. Faculty and student exchanges, guest lectures and seminars, joint professional development activities, research collaborations outside of formal grants, and sharing of research and analytical capabilities are but a few ways to foster a positive relationship. I will be working toward creating such opportunities for collaboration in the near future. However, in the meantime I encourage you to explore the faculty and research opportunities at Central State University and begin to think about how you can initiate or expand our existing collaborations.

SEEDS FY 2020 Request for Proposals, Now Available

The new FY 20 Request for Proposals (RFP) for SEEDS: The Research Competitive Grants Program is now available online. The new RFP has been updated based on comments and recommendations from the SEEDS survey and in the panel meetings over the course of the past year. Also, be sure you are using the latest forms by downloading them from the SEEDS Website.

Everyone is invited to attend informational sessions on the SEEDS faculty RFP. The dates and times of these sessions are:

- **Wednesday, September 4**
  - 250A Ag. Admin (Columbus)
  - 10:00-11:00am

- **Thursday, September 5**
  - 250A Ag. Admin (Columbus)
  - 2:30-3:30pm

- **Friday, September 6**
  - 130 Research Services (Wooster)
  - 10:30-11:30am AND 1:00-2:00pm

Faculty proposals will be due Wednesday, October 9, 2019 at 5:00 p.m.

The student RFP and informational sessions will be announced at a later date. Please be on the lookout for a future announcement.
FUNDING OPPORTUNITIES

FOUNDATION—ORGANIC FARMING RESEARCH FOUNDATION (OFRF) - LETTERS OF INTENT FOR 2020
OFRF’s grant program is open to all applicants residing and conducting research in Canada, Mexico, and the U.S. OFRF particularly encourages farmers, ranchers, graduate students, early career researchers, veterans, and Extension personnel to consider applying for funding. Farmers and ranchers often find that working with a professional researcher helps in the design and implementation of research projects. OFRF encourages such partnerships. Successful applicants will be notified and invited to submit a full proposal in the fall of 2019.
Deadline: Letter of Intent due August 16, 2019

INDUSTRY—CENTER FOR PRODUCE SAFETY, WATER TREATMENT BASELINE PROGRAM
Microbiological quality characterization and management of agricultural water (ag water) is immensely important to preventative food safety systems. The purpose of this RFP is to solicit proposals detailing administrative management, plans to conduct required baseline datasets, and proposed associated relevant research activities. Any proposal must address a region specifically and provide guidance to the produce industry for technical implementation and knowledge of the efficacy of antimicrobial treatment of ag water.
Deadline: August 20, 2019

FOUNDATION—MEAT AND POULTRY RESEARCH AND EDUCATION, 2019-2020 REQUEST FOR PROPOSALS
The Foundation for Meat and Poultry Research and Education is a non-profit research, education and information foundation established to study ways the meat and poultry industry can produce better, safer products and operate more efficiently. The Foundation funds a broad range of food safety, worker safety, nutrition and consumer information projects. The Foundation invites pre-proposals in the research areas of food safety, product quality and nutrition sciences.
Deadline: Preproposals due August 20, 2019

LIMITED SUBMISSION, NSF—THE MAJOR RESEARCH INSTRUMENTATION PROGRAM (MRI)
The 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 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. If you are interested in applying, please contact Jeff Agnoli.
Deadline: Internal letter of intent due September 16, 2019

THE US-ISRAEL BINATIONAL AGRICULTURAL RESEARCH AND DEVELOPMENT (BARD) FUND
Conducted cooperatively by American and Israeli scientists, BARD projects cover all phases of agricultural research and development, including integrated projects and strategic or applied research. Cooperative research entails active collaboration between Israeli and American scientists. Contact Mark Erbaugh at CFAES International Programs for additional information.
Deadline: September 16, 2019

OHIO DEVELOPMENT SERVICES AGENCY—OHIO THIRD FRONTIER SOLICITATION
This program is intended to support high-value entrepreneurial services for Ohio concept, seed and early stage technology companies in all regions of Ohio to help achieve significant growth, attract investment capital and create jobs in Ohio through the Entrepreneurial Services Provider (“ESP”) Program.
Deadline: Phase 1, October 18, 2019

The following AFRI opportunities are still available:

<table>
<thead>
<tr>
<th>AFRI Program</th>
<th>Amount</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>Foundational Knowledge of Agricultural Production Systems</td>
<td>$500,000</td>
<td>8/8/2019</td>
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<tr>
<td>Sustainable Agroecosystems: Health, Functions, Processes &amp; Management</td>
<td>$500,000</td>
<td>8/8/2019</td>
</tr>
<tr>
<td>Food and Agriculture Cyberinformatics Tools (FACT)</td>
<td>$500,000</td>
<td>8/15/2019</td>
</tr>
<tr>
<td>Rural Economic Development</td>
<td>$500,000</td>
<td>8/15/2019</td>
</tr>
<tr>
<td>Agricultural Innovation through Gene Editing</td>
<td>$300,000</td>
<td>8/21/2019</td>
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<tr>
<td>Critical Agricultural Research and Extension (CARE)</td>
<td>$300,000</td>
<td>8/22/2019</td>
</tr>
<tr>
<td>Social Implications of Food and Agricultural Technologies</td>
<td>$500,000</td>
<td>9/12/2019</td>
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<tr>
<td>Environmental and Natural Resource Economics</td>
<td>$500,000</td>
<td>9/12/2019</td>
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<tr>
<td>Tactical Sciences Agricultural Biosecurity</td>
<td>varies</td>
<td>9/26/2019</td>
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FOUNDATION—THE WATER RESEARCH FOUNDATION
The Water Research Foundation (WRF) has recently issued multiple RFPs that may be of interest. WRF funds water research on behalf of its subscribers, and facilitates collaboration among organizations seeking funding partners for high priority issues. WRF awards a contract through a competitive process and coordinates an independent technical review project through a staff-assigned project manager. All qualified entities – including international organizations and disadvantaged business enterprises – are encouraged to submit research proposals. Please see below for brief descriptions and links to each opportunity. View the opportunities online.

Growing Hemp is now OK—University researchers are busy planting seeds: Farmers see dollar signs in hemp and colleges, especially land-grant institutions, want to lead the scientific charge. Read more.

Statement on NSF’s commitment to secure, open international research collaboration: The National Science Foundation (NSF) contributes to our nation’s economic strength and national security through basic research. The Foundation is committed to sustaining the United States’ position as a global innovation leader. The values that have driven NSF and its global research partners for decades are openness, transparency, and reciprocal collaboration; these are essential for advancing the frontiers of knowledge. Read more online.

Breaches of peer review integrity: NIH reminds researches of the importance of confidentiality and impartiality to the peer review process. Read more online.

NIH clarifies policies on funding disclosure: The agency requires institutions and investigators to disclose all forms of “other support” when they apply for NIH grants. Read the article on their website.

The latest issue of Research Development and Grant Writing News is now available! Access the issue online; OSU login required.

Strategic Research Travel Program: Positioning for Success
The OSU Office of Research has launched a new travel program for Ohio State’s research and creative expression community to create new opportunities for large, multidisciplinary team projects. The Strategic Research Travel Program provides funding for travel for Ohio State faculty and principal investigators to meet with program officers at current and potential sponsors to help drive the development of innovative programs and priorities for sponsor agencies. Read more about the program on their website.

Recording Studios Available - Two production studios are available for faculty and staff. Rooms 264 in Kottman Hall in Columbus and 130B in Research Services in Wooster can be used to create high quality recordings. Instructional videos, free lecturing, interviews, testimonials or short promotional videos are some examples of how faculty and staff can use the studios. In addition to an iPad Pro and an iMac that can be used to record, other features of the new studios include professional backdrops, studio lighting, and prop furniture. The Research Services studio also includes an audio production suite and a post-production suite. Visit the production studio web page for more information including a link to schedule a time in one of the studios. If you have any questions, please contact the IT Service Desk at 614-514-IT4U. The IT Service Desk team can help address any technical issues within the studio. Please note that the IT team does not provide post-production assistance.

EDUCATIONAL OPPORTUNITIES

CORPORATE RESEARCH ENGAGEMENT 101
AUGUST 8, 2:00-3:30PM, RESEARCH COMMONS, 3RD FLOOR, 18TH AVENUE LIBRARY (COLUMBUS)
Many factors are driving an increase in engagement between universities and industry. Both entities must overcome the cultural and communications differences that often impair industry/university partnerships of all types and undercut their potential. It is important for University researchers to understand the extent to which successful relationships are dependent on an understanding of corporate decision making, the ability to manage expectations, and finding win-win value propositions on the industry/university engagement continuum. Register online.

GRANT WRITING: AN INTRODUCTION
AUGUST 13, 2:00-4:00PM, RESEARCH COMMONS, 3RD FLOOR, 18TH AVENUE LIBRARY (COLUMBUS)
This session will address some of the similarities and differences between the funding processes for federal/state agencies and private foundations. Topics include best practices for engaging with sponsors; navigating the research administration/proposal development and submission process; drafting a compelling narrative; seeking funding (including the SPIN Funding Opportunities system and other funding resources); and examples of writing that is both persuasive and clear. Register online.

See a full listing of upcoming events on our webpage.
What is Off Duty Pay?
Off duty pay is a payment for work performed during an off duty period. This applies to faculty having a 9/12 month appointment. Off duty pay is often received during the summer months, but may be flexible depending on your job duties. For more information, see the Off Duty Pay Calendar & Guidelines for acceptable dates and restrictions.

New Forms for Off Duty Pay
Effective July 1, 2019 all off duty pay requests must be submitted on the attached Off Duty Pay Request Form and accompanied by an Off Duty Pay calculator. Read more about the process and where to find the appropriate forms here. Please direct any questions to either Angie LeMaster or Elayne Siegfried.

NIFA’s 2018 Annual Report Now Online
NIFA’s 2018 Annual Report has been published. This year’s report highlights the exciting work undertaken by NIFA-funded grantees in the areas of research, education, and extension. J. Scott Angle, the current director, notes in his introduction, “This annual report includes powerful examples of the many NIFA-funded research, extension, and education solutions that address societal challenges. I look forward to the transformative and remarkable discoveries that our grantees will make.” Read the report online.

CORRECTION—Updated fringe rates for FY 2019:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate</th>
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</thead>
<tbody>
<tr>
<td>Faculty – regular rate</td>
<td>24.0%</td>
</tr>
<tr>
<td>Combined Staff</td>
<td>31.1%</td>
</tr>
<tr>
<td>Non-Student Specials/faculty off duty</td>
<td>15.1%</td>
</tr>
<tr>
<td>Students</td>
<td>9.1%</td>
</tr>
</tbody>
</table>

DC Days
Curious about our DC Days program? You can read about the latest trip online. Of the faculty that attended this year’s trip, 100% would recommend other junior faculty participate in the experience. If you are interested in attending, the 2020 DC Days Request for Applications will be released later this fall.

RECENT AWARDS

Gary Pierzynski, SENR; Roger Rennekamp, OSUE; $620,000: Reducing the off-site movement of nutrients in the western Lake Erie Watershed, Natural Resources Conservation Service.

Jyan-Chyun Jang, HCS; $1,200,000: Processing-body dynamics and mRNA regulation in plants, National Science Foundation.

Enrico Bonello, Jason Slot, Plant Path; $161,058: A 21st century approach to coping with emerging tree diseases in urban forests, USDA Forest Service.

Qiu Hong Wang, Linda Saif, Anastasia Vlasova, FAHRP; $470,000: Rational design of attenuated vaccines for porcine epidemic diarrhea virus, Rational design of attenuated vaccines for porcine epidemic diarrhea virus.

Jay Martin, Margaret Kalcic, Asmita Murumkar, FABE; $69,485: The Cooperative Institute for Great Lakes Research (CIGLR): A proposal to the Office of Oceanic and Atmospheric Research, NOAA, for a new Regional Research Institute, University of Michigan (NOAA).

Katherine D’Amico, Jonathan Fresnodo Ramirez, HCS; $117,340: DNA methylomic profiling for the interrogation of ageing and non-infectious bud failure in almond, USDA—National Institutes of Food and Agriculture (Predoctoral Fellowship).

Sudhir Sastry, Gonul Kaletunc, FABE; Ahmed Yousef, FST; Rachel Kopec, Education & Human Ecology; $928,662: Combination mechanical shear and moderate electric field treatment for production of safe, nutritionally enhanced liquid foods and beverages, National Institute of Food & Agriculture, $928,662

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.

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