ISU Faculty Research Day

Register Now for Iowa State Faculty Research Day on March 21
Tuesday, March 21, 1 – 5:30 p.m. Great Hall, Memorial Union

Come to ISU Faculty Research Day to celebrate our outstanding research accomplishments, exchange ideas, discover connections, and help create the future of Iowa State’s interdisciplinary grand challenge research areas.

We invite scholars from all disciplines to present a poster, deliver a talk, or display an exhibit. Part of the program will focus on Iowa State’s grand challenge research themes:

- Enabling healthy lives
• Building sustainable human and natural ecosystems
• Designing next-generation materials and manufacturing technologies
• Creating data-driven science and information systems for societal challenges
• Developing global citizens and our workforce

Register to attend, present a poster, or deliver a talk!

If several members of a research group plan to attend and jointly present a poster, talk, or exhibit, please register each attendee individually.

Questions? Contact Amy Harris-Tehan or Guru Rao in the Office of the Vice President for Research.

Grand Challenges

Join College Conversations and Help Shape Research Vision

Progress continues in the Iowa State interdisciplinary grand challenge research visioning process. Earlier this month, the grand challenge faculty advisory committee asked fellow faculty to provide information about their areas of research, future directions and challenges in their line of research, and their potential connections to the five grand challenge themes. The advisory committee is now reviewing the more than 400 responses.

The next step will be conversations about the grand challenges in each of Iowa State's colleges. Be on the lookout for event information from your college's grand challenge faculty advisory committee representatives, and please consider joining an event to offer your ideas and insights about describing a futuristic vision for grand challenge research areas at Iowa State.

News
OVPR Seeks Associate Vice President for Research

The Office of the Vice President for Research (OVPR) invites applications from tenured faculty members to become an associate vice president for research (AVPR). The AVPR is involved in internal and external research development, sponsored funding, and responsible conduct of research. The AVPR will also work with the OVPR Leadership Team to oversee large research initiatives, support OVPR centers and institutes, develop interdisciplinary research teams, and conduct strategic planning and evaluation. Applications are due Feb. 28.

Training & Development

Training for Researchers Using Human Subjects

Wednesday, February 22, 11:30 a.m., 1030 Morrill Hall

The Office for Responsible Research is launching a series of training programs for faculty, staff, and students who conduct research involving human subjects. The four-part series, with one seminar held each quarter, addresses different components of such research. Seminars will be valuable for graduate students, new faculty, and even those who have previously conducted research using human subjects.

In the first session, IRB Basics: Does This Project Need IRB Oversight?, participants learn about the process to determine whether IRB oversight is required and about various levels of IRB review. Register on Learn@ISU. Login and search for “human subjects” on the left.

NSF Career Awards Seminar: Best Practices and Mock Review

Tuesday, March 7, 1:30 – 3 p.m., Memorial Union Campanile Room

In this seminar offered by the Office of the Vice President for Research, a former National Science Foundation program director will give a brief presentation, and then recent CAREER grant awardees from Iowa State will share their experiences from the proposal development process, including their plans for broader impacts, evaluation, and other program requirements. Panelists will also share their proposal reviews so attendees can gain a better understanding of what the NSF looks for in a proposal. This session will be most beneficial for
Lecture: Defining, Improving, and Changing the Specificities of CRISPR-Cas Nucleases

Monday, April 24, 4:10 p.m., 1414 Molecular Biology

J. Keith Joung, of Massachusetts General Hospital and Harvard Medical School, will describe research advances in his group that are broadening the range of applications for CRISPR-Cas nucleases, improving the precision of these reagents, and enabling better elaboration of these technologies. Sponsored by the Crop Bioengineering Consortium.

Grants Hub

The Pivot Database Adds New Functionality

Pivot, an online funding database, has added new functionality to their website. Pivot’s Papers Invited® database consists of comprehensive information about calls for papers with deadlines for upcoming conferences. Papers Invited also includes special journal editions issued by professional bodies, journal editors, and other conference organizers in all academic disciplines. The international database can be searched by keyword, event date, time period, country, type, conference, or periodical. To learn more about Pivot and other funding databases, check out the resources on the Grants Hub’s website or request a finding funding consultation from the Grants Hub.

Funding Opportunities

Registration Grant Available for Digital Humanities Summer Institute

Apply as soon as possible

The Center for Excellence in the Arts and Humanities (CEAH) has one registration grant still available to the Digital Humanities Summer
third- or fourth-year faculty who have begun to establish their research interests. Register online.

Flexible Solutions for Industry Sponsored Project Agreements

*Tuesday, March 7, noon – 1:30 p.m., Memorial Union Gold Room*

The Office of Intellectual Property & Technology Transfer will host a seminar titled Successfully Selecting Among the Flexible Solutions for Industry Sponsored Project Agreements. Matt Darr, professor of agricultural and biosystems engineering, will share his experiences collaborating with industry on funded research. Register at Learn@ISU. Login and search for “flexible solutions” on the left. Lunch will be provided. Direct any questions to industry-contracts@iastate.edu.

Getting Started With Zotero

*Thursday, March 2, 3:00 – 4:30 p.m., 0134 Parks Library*

Zotero is a free tool that helps manage citations and documents used in research. This Iowa State Library workshop will show you the basics of collecting and organizing articles and citations, adding notes and personalized tags, syncing data, and sharing citations. Register on Learn@ISU. Login and search for "Zotero" on the left.

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Events

Benson Lecture Features Founder of Duke's Wired! Lab

*Monday, March 27, 5:30 – 7:30 p.m., Memorial Union Sun Room*

Caroline Bruzelius, the founder of the Wired! Lab at Duke University, will discuss how digital technologies are opening up the humanities to broader engagement with the public and revolutionizing the way scholars teach and do research. Bruzelius will share how digital visualizations are changing the way scholars model historical questions about places and buildings, and how they change over time. The Wired! Lab is a pioneer in integrating digital tools into teaching. Lecture sponsors include the Donald Benson Memorial Lecture in Literature, Science, and the Arts; the Center for Excellence in the Arts and Humanities; and the Committee on Lectures (funded by Student Government).
Institute at the University of Victoria, British Columbia. Interested faculty members should contact CEAH director Michael Bailey as soon as possible.

**Women and Diversity Grants**

*Apply by March 1*

The *Women's and Diversity Grants Program* supports initiatives that will enrich the experiences of women and diverse faculty, staff, and students at Iowa State University. Applications can be submitted by individual or team applicants, and collaborative proposals are encouraged. [Guidelines](#) can be found online.

**Foreign Travel Grants**

*Apply to department chair, applications due to Faculty Senate April 7*

Foreign travel grants offered by the Faculty Senate are awarded to faculty who have an opportunity to participate in an international activity such as long-term research projects, presentations at foreign conferences, and faculty exchanges.