Office of the Vice President for Research

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Internal Funding Opportunities

Research funds available from the Office of the Vice President for Research
The Office of the Vice President for Research offers 13 internal funding programs to help Iowa State researchers pursue new projects and go after external funding for their research and scholarship. Here are our internal funding programs, with descriptions, application forms, and contacts for additional information. For any general questions on internal funding programs, please email vprfunding@iastate.edu.

Please Note: These internal funding opportunities do not require a GoldSheet or Cardinal Sheet during the submission process.

Overview of Programs – 2-page printable PDF

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General Research Development Grants

- Presidential Interdisciplinary Research Initiative (PIRI)
- Presidential Interdisciplinary Research Seed Grant Program (PIRS)
- Bailey Research Career Development Award
- Margaret B. Barry Foundation Research Award
- McGee-Wagner Interdisciplinary Research Fund Award

Arts and Humanities

- CEAH Planning Grant
- CEAH Research Grant
- CEAH Symposium Grant

Other Research Support Programs

- Brown Graduate Fellowship
- Publication Subvention Grants

Cost Sharing Programs

- Cost Sharing – Research Instrumentation Funding (COSRIF)
- Cost Sharing – Sponsored Programs
- Cost Sharing – Faculty Development
- Cost Sharing – Faculty Start-up Funding

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Bailey Research Career Development Award

Sponsored by an estate gift from Carl A. and Grace A. Bailey, this award is provided annually to faculty whose research is innovative and not only increases knowledge but also has practical applications. It is expected that the Bailey award will allow faculty to devote time toward high-risk, high-impact research addressing emerging scientific, technical, and/or societal problems resulting in practical applications and, in appropriate disciplines, extramural funding.
• **Eligibility:** All full-time tenured associate professors and professors may apply for this award. Each award will be given to an individual, but he/she can have collaborators on the project.

• **Award Amount:** $50,000 per year for up to three years.

• **Due Date:** Proposals are due to colleges by January 31. Colleges select one proposal each to submit to the Office of the VPR by February 28.

• **Program and Application Information [PDF]**

• **Past Recipients**

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**Margaret B. Barry Foundation Research Award**

This award was established with an estate gift from Ms. Margaret Barry, who wanted these funds to further cancer and other medical research at Iowa State University.

• **Eligibility:** We invite proposals from interested faculty and eligible P&S researchers (P37 and above) in colleges that support medical research.

• **Award Amount:** Usually $60,000 for up to three years.

• **Due Date:** An RFP is usually issued every three years, depending on availability of funds. In active years, proposals are due to the Office of the VPR by November 15.

• **Program and Application Information**

• **Submit Proposals Here**

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**Brown Graduate Fellowship**

The Brown Graduate Fellowship is to be used to strategically advance ISU research in the areas of study that are governed by the Valentine Hammes Family and Leopold Hammes Brown Family Trust. These include science, agriculture, and space science.

• **Eligibility:** The preference is to fund Ph.D. students, although exceptional M.S. students will be considered.

• **Award Amount:** Up to $10,000 will be awarded per student.

• **Due Date:** Applications are due to the Office of the VPR by January 17.

• **Program and Application Information [PDF]**

• **Submit Proposals Here**

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**Center for Excellence in the Arts and Humanities Grants (CEAH)**

The CEAH provides several grant programs that are specifically tailored to faculty in the arts and humanities in the Colleges of Design and of Liberal Arts and Sciences.

**CEAH Planning Grant:** The CEAH invites proposals from associate and full professors for support in creating competitive applications to prestigious awards, fellowships, and grants recognized by the Association of American Universities (AAU).

• **Eligibility:** Applicants must be an associate or full professor at the time of application with a home department in the arts and humanities disciplines in the College of Design or College of
Liberal Arts & Sciences.
• **Award Amount:** Up to $15,000.
• **Due Date:** Proposals are due by February 7 and September 30.

**Program and Application Information**
• **Submit Proposals Here**
• **Past Awards**

**CEAH Research Grant:** The CEAH provides grants for research and creative activity that will make a significant contribution to the scholarly development and academic career progression of faculty in the arts, design, and humanities disciplines.

• **Eligibility:** Applicants must be tenured or tenure-track faculty in the College of Design or College of Liberal Arts and Sciences, with a home department in the arts and humanities disciplines.
• **Award Amount:** Generally up to $5,000 for research grants, and about $5,000 for summer salary or course release. (Actual figures may depend on the applicant’s department.)
• **Due Date:** Proposals are due by February 7 and September 30.

**Program and Application Information**
• **Submit Proposals Here**
• **Past Awards**

**CEAH Symposium Grant:** CEAH provides Symposium Grants in the range of $2,000 – $10,000 to support the creation of artistic and scholarly activities, symposia, or other events that bring attention and recognition to the scholarly work being done by ISU’s arts and humanities faculty.

• **Eligibility:** Applicants must be tenured or tenure-track faculty in the College of Design or the College of Liberal Arts and Sciences, with a home department in the arts and humanities disciplines.
• **Award Amount:** Up to $10,000.
• **Due Date:** Proposals are due by February 7 and September 30.

**Program and Application Information**
• **Submit Proposals Here**
• **Past Awards**

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**Cost Sharing – Faculty Development**

The Office of the VPR may contribute funds to other research development activities on campus. This includes retention packages, special instrumentation needs, and visits to or from representatives of federal agencies. If your request does not fit in one of these categories, please provide a description and justification of your request and choose “Other Support” below.

• **Eligibility:** Departments, colleges, and other units may apply for cost sharing funds for faculty development. Faculty may submit requests through their academic units or centers/institutes.
• **Award Amount:** The award amount depends on the activity. Generally, cost sharing with other units on campus is expected.
• **Due Date:** Requests to the VPR office are accepted on a continuing basis.

• **Types of Requests:**
  - Retention Package Support
  - Special Research Instrumentation Funding (Guidelines [PDF])
  - Support for a Visit to Federal Agencies, or Visit from Representatives of Federal Agencies to ISU
  - Other Support

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**Cost Sharing – Research Instrumentation Funding (COSRIF)**

This program provides funding for faculty and core facilities with cost-sharing funds to purchase new equipment, replace or add new components to existing research instruments, or de novo assemble an integrated new instrument. The program considers requests whose costs fall out of the range of federal major instrumentation grants or are not permitted in typical individual federal research proposals.

• **Eligibility:** All faculty, departments, and ISU units are eligible.

• **Award Amount:** COSRIF considers requests up to a maximum of $300,000 per proposal from ISU funds, with a maximum of one third contributed by the Office of the VPR.

• **Due Date:** Proposals are due to the Office of the VPR by January 9, 2017 and October 31, 2017. In future years, we expect deadlines of March 15 and October 31.

• **Program and Application Information [PDF]**

• **Submit Requests Here**

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**Cost Sharing – Sponsored Programs**

This program supports projects with a sponsor-mandated cost share requirement or projects where cost share is strongly encouraged and promises to create new opportunities for research at ISU.

• **Eligibility:** PIs on proposals being sent to an external sponsor.

• **Award Amount:** The award amount depends on the project and sponsor guidelines. Packages for cost sharing are generally assembled in collaboration between VPR, colleges, departments, PIs, and possibly other units.

• **Due Date:** PIs are advised to start discussions with their colleges and the Office of the VPR well in advance of the proposal due date.

• **Program and Application Information [PDF]**

• **Submit Requests Here**

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**Cost Sharing – Faculty Start-up Funding**

The Office of the VPR provides matching funds to college and departmental start-up packages to recruit exceptional faculty to ISU.

• **Eligibility:** All new faculty are eligible to receive Faculty Start-up Funding from the VPR. Requests for new faculty start-up package originate in the hiring department and go through a college approval process including required signatures before the request can submitted to the
Office of the VPR.

- **Award Amount**: The default proportion for the VPR contribution is one third of the start-up cost. Deviations from this guideline must be discussed with the VPR prior to submitting the request.
- **Due Date**: Requests to the VPR office are accepted on a continuing basis.
- **Program and Application Information [PDF]**
- **VPR Request Form for Faculty Start-up Funds [DOC]**
- **Submit Requests Here**

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**McGee-Wagner Interdisciplinary Research Fund Award**

Sponsored by Dr. Thomas D. McGee in honor of Dr. Stanley D. Wagner and their collaborations, this award fosters collaborative research that involves faculty members from both the College of Engineering and the College of Veterinary Medicine.

- **Eligibility**: Each proposal must involve at least one faculty member from the College of Engineering and one faculty member from the College of Veterinary Medicine.
- **Award Amount**: Usually $10,000 for up to three years.
- **Due Date**: An RFP is usually issued every three years, depending on availability of funds. In active years, proposals are due to the Office of the VPR by November 15.
- **Program and Application Information**
- **Submit Proposals Here**

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**Presidential Interdisciplinary Research Seed Grant Program (PIRS)**

Sponsored by the Office of the President and an endowment from the Mary N. Miller estate, Interdisciplinary Research Seed Grants are intended to support the initial stages of innovative, high-risk and high-reward projects that have an interdisciplinary focus and have strong potential for external (competitive) funding. These stages may include performing preliminary work and facilitating collaboration. It is expected that a competitive proposal for a sizable project will be submitted to an external funding agency within a year of the completion of the Research Seed Grant period.

- **Eligibility**: Tenure eligible faculty and senior lecturers/clinicians from all disciplines and at every career stage may apply for the Research Seed Grant Program. Applicants must be full-time faculty members. Faculty may not be on more than one proposal in a given funding cycle.
- **Award Amount**: The Research Seed Grant Program funding is typically $30,000 (maximum $50,000) per project for 2 years.
- **Due Date**: Proposals are due to the Office of the VPR by January 9, 2017 and October 31, 2017. In future years, we expect deadlines of March 15 and October 31.
- **Program and Application Information [PDF]**
- **Submit Proposals Here**

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**Presidential Interdisciplinary Research Initiative (PIRI)**

This program funds larger interdisciplinary research groups for up to 3 years. Groups are expected to define an integrated interdisciplinary research effort distinguished by intellectual excellence and driven
by a clear vision of fundamental advances, new discoveries, or technological developments having state, national, and global economic and societal impact. Further, the area of scholarship should likely be such that more than one agency may support the work.

- **Eligibility**: Each team will have a lead faculty investigator and a core group of four or more faculty and staff members working together in the interdisciplinary area of interest. The lead investigator should be a full or associate professor at Iowa State, and the team should include participants from multiple academic units on campus.
- **Award Amount**: PIRI funds are expected to be allocated at an annual level of $125,000 – $250,000 per team over and up to a three-year period, subject to the availability of funds. A 10% cost share with college(s) is expected and should be expressed in the budget proposal.
- **Due Date**: Preproposals are due to the Office of the VPR by February 15, 2017. Invitations for full proposals will be sent by March 7, 2017. Full proposals are due April 15, 2017.
- **Program and Application Information [PDF]**
- **Submit Proposals Here**

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**Publication Subvention Grants**

Grants from this fund are used to help assure publication, in the appropriate medium, of meritorious scholarly writings and other worthy original works by faculty and staff of Iowa State University faculty, and works by others on topics of Iowa or regional interest.

- **Eligibility**: Any full-time faculty member or any P&S staff member at the rank of P37 or above may apply for this award through his/her academic unit. Anyone outside of the university working on Iowa related research topics may apply to this program by working directly with the Office of the Vice President for Research.
- **Award Amount**: Variable, recently $1,000-$10,000 for publication of various types of media.
- **Due Date**: Applications are due to the Office of the VPR the first Monday in October and the first Monday in April.
- **Program and Application Information [PDF]**
- **Submit Proposals Here**

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**Services & Info**

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- **Limited Submissions**
Recipients of two new OVPR grants announced

Interdisciplinary PIRS projects earn seed funding

Projects launched by the new Presidential Interdisciplinary Research Seed Grant (PIRS) program will take on an array of challenges – from crop diseases to human health to the resiliency of spacecraft materials.

PIRS supports the beginning stages of new interdisciplinary research that has strong potential to attract external funding. The awards are designed to support high-risk, high-reward projects that bring together researchers from different disciplines to take the first steps toward groundbreaking research. That can include collecting pilot research data, organizing research workshops, and building partnerships with other research organizations.

Funding for PIRS is provided by the Office of the President and an endowment from the Mary G. Miller estate honoring her mother, Mary N. Miller.

"Investments in the beginning stages of interdisciplinary research proposals are vital to increasing Iowa State's capacity to develop transformative research thrusts that create new knowledge and have a direct impact on society," said vice president for research Sarah Nusser. "We are pleased to announce the inaugural set of PIRS projects, and are grateful to President Leath and the Miller family for their support of these exciting new lines of inquiry."
PIRS projects are eligible for a two-year, $25,000 per year award for many forms of early-stage research and scholarship.

Applications for the next round of funding are due Oct. 31, 2017. More information on the program and applications are available online.

Read about the awardees and their six projects here.

**COSRIF grants help build research infrastructure**

Having the right research instruments makes groundbreaking discoveries possible.

In an effort to help build Iowa State’s research infrastructure, the Office of the President and the Office of the Vice President for Research (OVPR) launched a new internal funding program, Presidential Cost-Sharing Research Instrumentation Funding (COSRIF). Funding goes toward purchasing new equipment, replacing or adding onto existing instruments, or developing new instrumentation from scratch – all of which add capacity to Iowa State’s world-class instrumentation and facilities.

Eligible proposals include those whose costs fall outside the range of federal major instrumentation grants or are not permitted in typical individual federal research proposals.

The OVPR awarded three projects in the first round of funding this spring. In all three, new equipment will help researchers scale their work to the nano level.

“All three of these instruments give Iowa State researchers in multiple disciplines new capabilities. They represent a great start to the COSRIF program, which is part of Iowa State’s commitment to building the research infrastructure that enables our researchers to do cutting-edge work,” said vice president for research Sarah Nusser.

The OVPR invites research teams to begin thinking about proposals for research infrastructure under this program.

Proposals for the next round of funding are due to the OVPR by Oct. 31, 2017. More information on the program and applications are available online.
Training & Development

Navigating the IRB approval process
Thursday, May 11, 11 a.m. – 12:30 p.m., Ensminger Room, Kildee Hall
The Office for Responsible Research's (ORR) monthly training, Institutional Review Board 101: Navigating the IRB Submission Process, will help you learn tips on developing and submitting protocols to the IRB. An IRB staff member will walk through key sections of the IRB application and explain what the IRB looks for during the review process. This seminar will be beneficial to both new and experienced investigators, including students and faculty. Register through Learn@ISU, but you are welcome to attend even if you don't get a chance to register. Questions? Contact Jen Ensley.

Seminar discusses minimizing risk in human subjects research
Wednesday, May 17, 11:30 a.m. – 1:30 p.m., 1030 Morrill Hall
The ORR's "Protecting Human Subjects" is the second seminar in a series of four. Learn about protecting human subjects in your research in this seminar, which includes discussion of risk in human subjects research and approaches for minimizing risk. The session also addresses participant confidentiality, as well as data security measures. Register through Learn@ISU, but you do not have to in order to attend. Questions? Contact Jen Ensley.

'Boot camp' will train those who receive NSF, NIH grants
Monday and Tuesday, May 22-23, 8 a.m. – noon, Vet Med Register online
The OVPR invites faculty, staff, and postdocs who receive funding through NSF or certain NIH grants to participate in a two-day "boot camp" that will satisfy NIH and NSF requirements for training in the Responsible Conduct of Research. A light breakfast will be provided each day. The workshop will feature a flipped classroom format; participants will be asked to do some reading beforehand so that session time can be dedicated to discussion. Questions? Contact Amy Harris-Tehan.
Project LEA/RN hosts workshop on human learning
Tuesday and Wednesday, May 9-10, 9 a.m. – 4 p.m., 2622
Lagomarcino RSVP here
Project LEA/RN will host a two-day workshop on human learning for up to 20 ISU educators. Learn insights about the brain based on current research, engage in strategies that promote interaction and deep thinking, and apply your new understandings in situations where you facilitate learning. The strategies you experience and the concepts you explore are applicable to classes, orientation sessions, extension meetings or any other learning situations. Questions? Contact Jan Wiersema.

Grants Hub

Grants Hub collaborates with departmental staff

Collaboration is a key component to research success. The Grants Hub is available to departmental staff during any phase of a grant proposal's preparation to ensure a smooth submission. This can include answering proposal questions, coordinating subcontractors, assisting in budget preparation, and preparing application packages (Cayuse, Fastlane, etc.).

Funding Opportunities

Begin planning for fall funding this summer
Upcoming deadlines in September and October
Get a head start on your research planning for FY 18 with these funding opportunities. Deadlines for the following funding opportunities
are:

- Sept. 30: CEAH planning, research and symposium grants
- Oct. 2: Publication Subvention Grants
- Oct. 31: Presidential Interdisciplinary Research Seed (PIRS) Grant Program
- Oct. 31: Cost Sharing - Research Instrumentation Funding (COSRIF)

Fulbright Scholar Program
Apply by Aug. 1
Want to learn more about the Fulbright Scholar Program before the upcoming Aug. 1 application deadline? Check out general information about Fulbright programs, including the Core Fulbright U.S. Scholar Program, and tune in for upcoming webinars for more details.

News

Guest column: VPR Nusser explains the value of research
In case you missed her column in The Gazette on April 23, hear from VPR Dr. Sarah Nusser on the importance of research, its impact on our daily lives — and the threat of proposed funding cuts.

"At Iowa State University alone, more than $250 million per year in funding supports research and helps transfer discoveries to the marketplace – 70 percent sponsored by federal programs."

Board of Regents OKs Crop Bioengineering Center, Nanovaccine Institute
On April 20, the Iowa Board of Regents voted unanimously to create two centers reporting to the OVPR: the Crop Bioengineering Center and the Nanovaccine Institute. The votes formalized interdisciplinary research ventures already in existence at Iowa State, both established in 2013 by the ISU Presidential Interdisciplinary Research Initiative (PIRI).

Software available to check journal manuscripts,
theses for plagiarism

iThenticate is available to researchers and graduate students to help prevent plagiarism and maintain research integrity. The application produces a report comparing a journal manuscript or thesis to already published works. iThenticate is intended to be used by the author prior to submission for publication or thesis review. Find more information here or request an account by sending an email, including your department and college, to pcheck@iastate.edu.

Art + Science: Wood artwork wins Biorenewables Art Competition

Grad student Matthew Obbink’s wooden stool was named best in show at the Biorenewables Art Competition’s opening reception on April 21. The piece will be added to the Biorenewables Research Center’s permanent art collection. Read more here.

Research Roundup

Changing stem cells for nerve regrowth, connecting plant stress and growth, co-sleeping more common than some parents admit

- Researchers develop nanotechnology using inkjet printers to transform stem cells
- Scientists discover genetic interactions that cause slowed growth for stressed plants
- Professor explores reasons why parents co-sleep with children despite stigma
- Vet Med research supports judicious antimicrobial use in pigs and sows
- Greenlee professor explores impact of our dependence on technology
engineering along with mechanical engineering have teamed up with the architecture and music departments to create a mobile version of ISU's Campanile.

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