

# FUNDING OPPs & INFO

For Hajim School Researchers



Nov. 30, 2015

## EVENTS, WEBINARS

**ASE Research Dean's Office Lunch & Learn – December 15, 2015**  
at 12:00-1:30 PM in Lattimore 317

**What PIs need to know about Evaluation Plans for Proposal and Project Development**

**Synopsis:** Featured speakers include - Barbara Masi, Ph.D., is the Director of Education Innovation and Assessment Initiatives in Arts, Sciences and Engineering; Chelsea BaileyShea, Ph.D., is Assistant Professor in the Educational Leadership department at the Warner School of Education and co-director of evaluation in the Center for Professional Development and Education Reform  
Seating is limited and lunch will be served. Please RSVP by Thursday, December 10, 2015 at: <https://emsregics.ur.rochester.edu/lunchandlearn>  
If you have any questions regarding the AS&E Faculty Lunch & Learn Series please contact Kelly Smith at [AS&EResearch@rochester.edu](mailto:AS&EResearch@rochester.edu)

*This weekly message from Cindy Gary, Assistant Dean for Grants and Contracts, highlights research funding opportunities and announcements that are particularly relevant to Hajim School faculty, staff and students. If you have any questions, please contact [cindy.gary@rochester.edu](mailto:cindy.gary@rochester.edu) or call 253-5173.)*

**National Science Foundation**

**December 10, 2015 Webinar: NSF Dear Colleague Letter (DCL) on Germination of Research Ideas for Large Opportunities and Critical Societal Needs (GERMINATION) (NSF 16-028)**

Webinar Registration: <http://www.nsf.gov/eng/efma>

## FUNDING OPPORTUNITIES

**Internal Funding - PumpPrimer II 2016**

<http://www.rochester.edu/college/pumpprimer/>

**PumpPrimer II: Innovative and high-risk projects.**

Next deadline: February 1, 2016

The increasingly competitive environment for extramural funding increases the need for proof of concept and/or pilot data in proposals and decreases funding of high-risk proposals. To help faculty secure extramural funding for bold new research directions, my office will provide funding for up to one year.

- Typical budgets will be \$1-20K. In rare instances, budgets as large as \$50K may be awarded.
- Cost-sharing with departmental resources is encouraged.

Applicants for both PumpPrimer I and II are expected to submit a proposal for external funding within 18 months of the allocation of intramural support. Both PumpPrimer mechanisms and Researcher Mobility Travel grants will require a brief final survey and final report to help us evaluate the effectiveness of this program. Questions, email me at [cindy.gary@rochester.edu](mailto:cindy.gary@rochester.edu)

NOTE: The following awards accept applications on an ongoing basis:

**PumpPrimer I: Multi-institutional and/or multi-investigator research projects**

Increasingly, federal agencies are interested in research that brings together experts with complementary skills to address grand challenges. We encourage faculty to take on such large-scale initiatives because they benefit multiple AS&E faculty, increase the quality and stability of our research infrastructure, and increase our national and international visibility. The Dean's office may provide:

- Teaching relief for the faculty member who champions the project.
- Administrative support from our office for proposal preparation.
- Travel up to \$5K for planning proposals that bring together multi-institutional researchers.

Researcher Mobility Travel Grants: International Research Collaboration

- Provide up to \$5K to conduct overseas research visits (one to three months).
- Support for faculty research and expanding international collaborative networks.

**External Funding**

**Dear Colleague Letter Synopsis: An EAGER Opportunity ~ NSF Dear Colleague Letter (DCL) on Germination of Research Ideas for Large Opportunities and Critical Societal Needs (GERMINATION) (NSF 16-028)**

<http://www.nsf.gov/pubs/2016/nsf16028/nsf16028.jsp>

**Deadline: January 19, 2016**

**Funding: up to \$100K for 12 months**

**Synopsis:** DCL seeks EAGER (EARly-concept Grants for Exploratory Research) proposals with exploratory ideas to design learning frameworks, platforms and/or environments to enable participants to conceive research ideas and questions with potentially transformative outcomes. NSF welcomes novel approaches to educate and nurture early- and/or mid- career faculty, as well as graduate students and post-doctoral fellows to develop research concepts and questions that are not only transformative, but also with the potential to address important societal needs. Proposals should focus on the development of key skills and mindsets that will increase the capacity of participants to identify big opportunities, think creatively, explore novel research formulations, and take intellectual risk.

Proposals should clearly identify the targeted participants. The proposed learning frameworks, platforms and/or environments should be designed to match the needs of targeted participants. The targeted participants may include any of the following: early- and/or mid-career faculty, graduate students, and/or post-doctoral fellows. A plan to pilot the approach and test the effectiveness of the approach must be included.

**NASA Research announcements**

<http://nspires.nasaprs.com/external/solicitations/solicitations.do;jsessionid=wn5ZXOVJWCD6-Q-1jG8h2j4HI7-0VHY-UdG14uVHjnfh83AoHskp!-58086558!cassini3.nasaprs.com!7006!9008!-592310624!cassini2.nasaprs.com!7006!9007?method=init&stack=push>

**Future: Research Opportunities in Space and Earth Sciences – 2016 (ROSES)**

**Now is a good time to look at the program announcement to begin planning for 2016**

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={1ADD0CDE-1B8A-A964-47B3-99915DB618D0}&path=future>

**Release:** On or about February 16, 2016

**Synopsis:** SOLICITING BASIC AND APPLIED RESEARCH PROPOSALS NNH16ZDA001N. Awards range from under \$100K per year for focused, limited efforts (e.g., data analysis) to more than \$1M per year for extensive activities (e.g., development of science experiment hardware).

#### Department of Energy

<http://science.energy.gov/funding-opportunities/>

Office of Science issues two types of funding announcements:

- [Funding Opportunity Announcements \(FOAs\)](#), which may be open to one or more institution types (please read the eligibility requirements in a given FOA for details); and
- [DOE National Laboratory Announcements](#), which are open only to DOE Laboratories.

#### DOE – Office of Science

[http://science.energy.gov/~media/grants/pdf/foas/2016/SC\\_FOA\\_0001414.pdf](http://science.energy.gov/~media/grants/pdf/foas/2016/SC_FOA_0001414.pdf)

**Deadline:** Open until September 30, 2016

**Synopsis:** Office of Science also issues a cross-cutting, open solicitation annually that is open year-round. DOE Office of Science. Opportunities exist in the following program areas: Advanced Scientific Computing Research (ASCR); Biological and Environmental Research (BER); Basic Energy Sciences (BES), Fusion Energy Sciences (FES); High Energy Physics (HEP), and Nuclear Physics (NP).

#### EPA

##### People, Prosperity and the Planet (P3) Student Design Competition

<http://www2.epa.gov/P3>

**Deadline:** December 8, 2015

**Funding:** Phase 1 = \$15,000

**Synopsis:** A unique college competition for designing solutions for a sustainable future. P3 offers students quality hands-on experience that brings their classroom learning to life. The P3 competition is open exclusively to teams of undergraduate and/or graduate students attending U.S. colleges, universities and other post-secondary educational institutions. Applicants (both student team members and faculty advisors) must be citizens of the United States or its territories, or be lawfully admitted to the United States. Students must be enrolled in the college, university or post-secondary educational institution they will be representing. The competition has two phases. For the first phase of the competition, teams are awarded a \$15,000 grant to develop their idea. They bring the design in April to the National Sustainable Design Expo to compete for the P3 Award and a grant of \$75,000 to take their design to real world application.

#### SBIR/STTR

##### EPA SBIR

<http://www2.epa.gov/sbir>

**Deadline:** January 7, 2016

**Funding:** (18) firm-fixed price contracts of \$100,000 each under SBIR during Fiscal Year 2016

**Synopsis:** Select the SBIR solicitation title with Reference Number SOL-NC-16-00001. See solicitation for topics of interest.

## NIH SBIR/STTR

<https://sbir.nih.gov/>

**SBIR Omnibus Funding Opportunity Announcement (PA-15-269)**

**STTR Omnibus Funding Opportunity Announcement (PA-15-270)**

**Deadlines:** January 5, April 5, 2016

**Funding:** Phase I awards normally do not exceed \$150,000 total costs for 6 months (SBIR) or 1 year (STTR).

**Synopsis:** NIH SBIR and STTR programs commonly use parent funding opportunity announcements (PAs), Activity codes R41 and R42 are for STTR awards and R43 and R44 are for SBIR awards. NIH is comprised of 27 Institutes and Centers (ICs), each with a specific research agenda, often focusing on particular diseases or body systems

## GRANT WRITING RESOURCES

\*NIH SBIR/STTR October Conference Slides - <http://www.washingtonlifesciences.com/nih2015/>

Session content included how to successfully submit an application; tips for approaching partners and investors; the types of technical assistance programs NIH offers to awardees; and had the chance to discuss specific questions with NIH SBIR and STTR subject matter experts.

**I-Corps at NIH – Webinar Materials Now Available New**

<https://sbir.nih.gov/engage/news#nov18>

**Innovation Corps (I-Corps™) at NIH Program for NIH and CDC Phase I Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Grantees (Admin Supp)**

<http://grants.nih.gov/grants/guide/pa-files/PA-16-019.html>