

FUNDING OPPs & INFO

For Hajim School Researchers



Aug. 10, 2015

WEBINARS, EVENTS

Industry Trends in the U.S. Wind Energy Sector
Tuesday, August 11 at 1:30 p.m. ET (11:30 p.m. MT)

Webinar Registration:

<https://www.cvent.com/events/webinar-trends-in-the-wind-energy-sector/registration-dc901b1394db4e01ab50ab9879428650.aspx>

Electricity supplied by wind energy exceeded 4.5% in the United States in 2013 and has the potential to reach as much as 35% by 2050. Join The Pew Charitable Trusts for a webinar with the director of the Department of Energy's Wind and Water Power Technologies Office, José Zayas, who will discuss the agency's latest reports analyzing market trends in the utility-scale and distributed wind energy sector.

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 or call 253-5173.)

NSF Grants Conference - Arlington, VA

November 2-3, 2015 at Georgetown University

http://www.nsf.gov/events/event_summ.jsp?cntn_id=135129&WT.mc_id=USNSF_13&WT.mc_ev=click

NY-BEST Energy Storage Technology Conference

Nov. 12, 2015 Double Tree, Rochester, NY

<http://www.ny-best.org/page/ny-best-energy-storage-technology-conference>

Member rates apply as UR is a NY-BEST university member

The Conference will focus on energy storage technology and product development, including research, development and commercialization of energy storage technologies.

***Invited speakers: Keynotes: Dr. David Danielson, Assistant Secretary for Energy Efficiency and Renewable Energy, U.S. Department of Energy (DOE) and Dr. Thomas Russell, Director, U.S. Army Research Laboratory (ARL)**

2016 ARPA-E Energy Innovation Summit
February 29 – March 2, 2016 at the Gaylord National Convention Center in National Harbor, Maryland
<http://www.arpae-summit.com/>

FUNDING OPPORTUNITIES

SBIR/STTR Releases and Upcoming Deadlines

HHS - PHS 2015-2 SBIR and STTR Omnibus Grant Solicitations

NOT-OD-15-101

Parent SBIR: PA-15-269 <http://grants.nih.gov/grants/guide/pa-files/PA-15-269.html>

Parent STTR: PA-15-270 <http://grants.nih.gov/grants/guide/pa-files/PA-15-270.html>

Deadline: September 5 (next round)

SBIR ONLY HHS Components: The National Institutes of Health (NIH) & The Centers for Disease Control and Prevention (CDC)

Deadline: October 16, 2015

<https://sbir.nih.gov/sites/default/files/PHS2016-1.pdf>

NOTE: 17th Annual NIH SBIR/STTR Conference, October 27-29, 2015 in Seattle, WA, early bird registration until Aug. 20.

<http://www.washingtonlifesciences.com/nih2015/>

Department of Energy SBIR/STTR

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

Deadline: LOI September 8, 2015 (required), Full Proposal October 19, 2015

National Institutes of Health (NIH)

National Institute of General Medical Sciences (NIGMS)

Maximizing Investigators' Research Award for New and Early Stage Investigators (R35)

RFA-GM-16-003

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-16-003.html>

Deadline: Full September 9, 2015 (non AIDS applications); Full November 19 (AIDS related applications)

Funding: NIGMS intends to commit at least \$26 million in FY 2016 to fund up to 70 awards. Applications may request up to \$250,000 direct costs per year. Investigators are encouraged to request what is actually well justified for their research program. Cost efficiency is one of the goals of the MIRA program and will be one of the considerations in funding decisions. Applications may request a maximum project period of five years.

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Eligibility: This FOA targets investigators who are beginning their independent research careers.

Synopsis: MIRA is a grant to provide support for all of the research in an investigator's laboratory that falls within the mission of NIGMS. The goal of MIRA is to increase the efficiency and efficacy of NIGMS funding. It is anticipated that the new mechanism will:

- Increase the stability of funding for NIGMS-supported investigators, which could enhance their ability to take on ambitious scientific projects and approach problems more creatively.
- Increase flexibility for investigators to follow important new research directions as opportunities arise, rather than being bound to specific aims proposed in advance of the studies.
- More widely distribute funding among the nation's highly talented and promising investigators to increase overall scientific productivity and the chances for important breakthroughs.
- Reduce the time spent by researchers writing and reviewing grant applications, allowing them to spend more time conducting research.
- Enable investigators to devote more time and energy to mentoring junior scientists in a more stable research environment.

The purpose of this FOA is to test the feasibility of this grant mechanism for New and Early Stage Investigators through a pilot program with restricted eligibility.

-Only single PD/PI applications are allowed. Applications with multiple PD(s)/PI(s) will not be accepted.

-PD/PI must be able to devote 51% of their research effort to the MIRA, not including effort expended toward teaching, administration and/or clinical duties. Effort already committed to research by investigators who are supported by Mentored Career Development (K) awards will be considered to meet the requirement for effort on a MIRA award.

National Science Foundation

Innovation Corps (I-Corps) Teams

<http://www.nsf.gov/pubs/2012/nsf12602/nsf12602.pdf>

Deadline: Quarterly. Next deadline: September 15, December 15

Funding: Up to \$50,000 per 6 month award. Recovery of indirect costs (F&A) is limited to \$5,000 per team

Synopsis: Identify NSF-funded researchers who will receive additional support - in the form of mentoring and funding - to accelerate innovation that can attract subsequent third-party funding. (12-602) opportunity for NSF awardees within last 5 years. Eligibility to Apply : Applicants must have received a prior award from NSF (in a scientific or engineering field relevant to the proposed innovation) that is currently active or that has been active within five years from the date of the I-Corps Teams proposal submission. The prior award could range from a modest single-investigator award to a large, distributed center and also includes awards involving students such as REU Sites.

*The required lineage from a prior NSF award has been clarified to explicitly name, in addition to the Principal Investigator (PI), Co-PIs, Senior Personnel, Post Docs, Professional Staff or others who were supported under an NSF award.

The purpose of the NSF I-Corps Teams grant is to give the project team access to resources to help determine the readiness to transition technology developed by previously-funded or currently-funded NSF projects.

**National Science Foundation with National Institutes of Health
Collaborative Research in Computational Neuroscience (CRCNS) - Innovative Approaches to
Science and Engineering Research on Brain Function
15-595**

<http://www.nsf.gov/pubs/2015/nsf15595/nsf15595.pdf>

Deadline: October 29, 2015

Funding: Research proposals: \$100,000 to \$250,000 per year in direct costs, with durations of three to five years; **Data Sharing proposals** scaled according to the needs of the project; typically they will be smaller in size than research awards. Investigators are encouraged to discuss their project requirements with the CRCNS Program Coordinator

Synopsis: To support collaborative activities that will advance the understanding of nervous system structure and function, mechanisms underlying nervous system disorders, and computational strategies used by the nervous system. Two classes of proposals will be considered in response to this solicitation: **Research Proposals** describing collaborative research projects, and **Data Sharing Proposals** to enable sharing of data and other resources. Domestic and international projects will be considered. As detailed in the solicitation, international components of collaborative projects may be funded in parallel by the participating agencies. Opportunities for parallel funding are available for bilateral US-German Research Proposals, US-German Data Sharing Proposals, US-French Research Proposals, US-French Data Sharing Proposals, US-Israel Research Proposals, and multilateral proposals involving the United States and 2 or more additional countries.

National Science Foundation

Division of Graduate Education

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR) (15-563)

<http://www.nsf.gov/pubs/2015/nsf15563/nsf15563.pdf>

Deadline: September 1, 2015

Funding: Normal limits for funding requests of BCC proposals are up to \$500,000 with duration up to three years.

Synopsis: Part of NSF's Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) activity, the Directorate for Education and Human Resources (EHR) seeks to enable research communities to develop visions, teams, and capabilities dedicated to creating new, large-scale, next-generation data resources and relevant analytic techniques to advance fundamental research for EHR areas of research. Successful proposals will outline activities that will have significant impacts across multiple fields by enabling new types of data-intensive research. Investigators should think broadly and create a vision that extends intellectually across multiple disciplines and that includes—but is not necessarily limited to—EHR areas of research.

National Science Foundation

Innovative Technology Experiences for Students and Teachers (ITEST)

NSF 15-599

<http://www.nsf.gov/pubs/2015/nsf15599/nsf15599.htm>

Deadline: November 13, 2015

Funding: Approximately 15-20 Strategies awards with durations up to three years and total budgets up to \$1,200,000 each will be made, depending on availability of funds; and approximately 5-10 SPrEaD awards with durations of three to five years and total budgets up to \$2,000,000 each will be made.

Synopsis: ITEST is a program that promotes PreK-12 student interests and capacities to participate in the science, technology, engineering, and mathematics (STEM) and information and communications technology (ICT) workforce of the future. To achieve this objective, ITEST supports the development, implementation, and selective spread of innovative strategies for engaging students in experiences that: (1) increase student awareness of STEM and ICT careers; (2) motivate students to pursue the education necessary to participate in those careers; and/or (3) provide students with technology-rich experiences that develop their knowledge of related content and skills (including critical thinking skills) needed for entering the STEM workforce. ITEST projects may adopt an interdisciplinary focus on multiple STEM domains, focus on a single domain, or focus on one or more sub-disciplines within a domain. ITEST projects must involve students, and may also include teachers. The ITEST program is especially interested in broadening participation of students from traditionally underrepresented groups in STEM fields and related education and workforce domains

National Science Foundation

Graduate Research Fellowship Program (GRFP)

NSF 15-597

http://www.nsf.gov/pubs/2015/nsf15597/nsf15597.pdf?WT.mc_id=USNSF_25&WT.mc_ev=click

Deadline: October 27, 2015

Funding: Awarded to student. NSF provides a stipend of \$34,000 to the Fellow and a cost-of-education allowance of \$12,000 to the graduate degree-granting institution for each Fellow who uses the fellowship support in a fellowship year.

Synopsis: GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant research achievements in STEM and STEM education. NSF especially encourages women, members of underrepresented minority groups, persons with disabilities, and veterans to apply. NSF also encourages undergraduate seniors to apply.

*A UR workshop will be held September 10 from 4-6 for the NSF GRFP workshop to include application information and a panel of reviewers and winners. This will be publicized through student e-lists.