

FUNDING OPPs & INFO

For Hajim School Researchers



Feb. 8, 2016

EVENTS

***February 11, 2016 11:15 -noon.** On River Campus, DARPA's Dr. Thomas Karr, Strategic Technology Office Program Manager open presentation, Wilson Commons, Gowan Room (2nd Floor)

February 29 - March 2, 2016. ARPA-E Summit Reminder. The premier energy innovation conference of the year is a few weeks away! The [2016 ARPA-E Energy Innovation Summit](#) – occurring Feb. 29 – March 2 in Washington, D.C. – attracts 2,000+ leading energy entrepreneurs, scientists, investors, and policymakers to one venue to discuss and showcase the latest in advanced energy technologies.

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.)

FUNDING OPPORTUNITIES

Department of Energy

STATE ENERGY EVOLUTION AND DIFFUSION STUDIES II - STATE ENERGY STRATEGIES (SEEDSII-SES)

DE-FOA-0001496

CFDA Number: 81.087

*** February 11, 2016 at 2 pm Webinar: Solar Energy Technologies Office – register**
<https://attendee.gotowebinar.com/register/8675297748629652993>

Deadline: Concept Paper Submission Deadline: 3/8/2016; Full Application Submission Deadline: 5/2/2016 5:00 PM ET

Funding: Individual awards may vary from \$250,000 for Topics 1 and 2, up to \$1.5 million for Topic 1 and \$3 million for Topic 2. Topic 1 no cost share required. Topic 2 - Cost Share 20% of total project costs

Synopsis: Part of DOE's SunShot Initiative. Topic 1 - SEEDS II: Concept, Objectives, Technical Targets, Performance Metrics, and Impact Metrics. Targeted at increasing our foundational understanding of technology evolution, soft costs, and barriers to solar deployment in the US. By combining cutting edge research tools with the creation, analysis and functionalization of data and information, this second round of the Solar Energy Evolution and Diffusion Studies (SEEDS) program will examine how solar technologies, the electric grid system, and the institutions that create the solar business marketplace support or impede the evolution and diffusion of solar by partnering researchers with data and energy practitioners. Topic 2 - State and Regional Solar Strategies: Concept, Objectives, Technical Targets, Performance

Metrics, and Impact Metrics . To directly tackle soft costs and market barrier challenges at the state and regional level by maximizing the benefits of solar electricity through energy and economic strategic planning. This program targets partnerships between states and utilities/electricity sector entities that look to increase solar deployment in their region. This will be achieved through analytical support to develop and implement strategies to: determine or expand renewable energy and other goals, such as: maximizing emissions reductions; hedging against fuel price volatility; creating jobs; expanding access to electricity; and/or increasing grid resiliency, among others.

All DOE Energy Efficiency and Renewable Energy funding opportunities can be found at:
<https://eere-exchange.energy.gov/>

Office of Naval Research

Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology BAA N00014-16-R-BA01

<http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities/Broad-Agency-Announcements.aspx>

Deadline: Open until 30 September 2016 (see amendment #4)

Synopsis: BAA is intended for proposals related to basic research, applied research, or advanced technology development and that part of development not related to the development of a specific system or hardware procurement. White Papers (4-5 pages) are frequently desired by ONR Program Officers.

ONR -- Communications and Interoperability for Integrated Fires (CIIF)

Deadline for Initial Full Proposals: Mar. 29, 2016

Funding: \$10M for CaaS and (ii) \$16M for MiND, anticipated to be made available over a three to four year period. ONR anticipates 1-2 awards in each of these products to non-Govt (and non-FFRDC) entities.

All ONR Open BAAs can be found at: <http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities/Broad-Agency-Announcements.aspx>

Synopsis: Communications and Interoperability for Integrated Fires (CIIF) Future Naval Capability (FNC) will develop networking and communications enhancements to enable next-generation sensor netting, electromagnetic maneuver warfare, and integrated fires across the force. The FNC is divided into two products: Communications-as-a-Service (CaaS) to enable data/information to be delivered via any combination of available data links and Mission-based Networking for Data Distribution Systems (DDS) [MiND] to increase the throughput and scalability of the Cooperative Engagement Capability (CEC) DDS. The Office of Naval Research (ONR) is interested in receiving proposals for innovative solutions for CaaS and/or MiND products for the CIIF FNC.

Army RL Core Broad Agency Announcement for Basic and Applied Scientific Research for Fiscal Years 2012 through 2017

W911NF-12-R-0011-03

http://www.arl.army.mil/www/pages/8/ARLBAA_W911NF-12-R-0011-03-Mod_26MAR15.pdf

Synopsis: White Papers (4-5 pages) are frequently desired by ONR Program Officers.

All ARL funding opportunities can be found at: <http://www.arl.army.mil/www/default.cfm?page=8>

Air Force OSR: Funding Overview - Open

<http://www.wpafb.af.mil/library/factsheets/factsheet.asp?id=8981>

Synopsis: use of a two-step proposal process utilizing white papers will be specified on individual Call(s) for Proposals.

AFOSR

Sensor Innovative Research

BAA-12-02-PKS

<http://engineering.utep.edu/docs/AFRL%20BAA-12-02-PKS%20Sensor%20Innovation.pdf>

Deadline: BAA is open and effective until April 5, 2017. White Papers will be considered if received anytime prior.

DoD Defense Threat Reduction Agency

For Universities and Other Non-Government Entities

<http://www.dtra.mil/Research/BasicandAppliedScienceDepartment/ResearchFundingOpportunities.aspx>

HDTRA1-14-24-FRCWMD-BAA: Fundamental Research to Counter Weapons of Mass Destruction (C-WMD) Announcement Continuously Open Through: Sep 30, 2024

National Science Foundation

Expeditions in Computing 16-535

<http://www.nsf.gov/pubs/2016/nsf16535/nsf16535.pdf>

Deadline: May 2, 2016 Preliminary required; January 18, 2017 Invited full

Funding: Expeditions projects with annual budgets up to \$2,000,000 for durations of five years will be supported.

Synopsis: The program is designed to inspire the research and education community to be as creative and imaginative as possible in the design of bold Expeditions that explore new scientific frontiers. Investigators in the computer and information science and engineering fields and beyond are encouraged to come together within and/or across departments or institutions in the development of compelling, transformational research agendas that promise disruptive innovations in computing and information for many years to come. Expeditions projects represent some of the largest single investments made by CISE. Together with the Science and Technology Centers the directorate supports, Expeditions form the centerpiece of the directorate's center-scale award portfolio. CISE is working towards a steady-state support of twelve or more Expeditions that together demonstrate the tremendous potential of computing and information innovations.

National Science Foundation

Enhancing Access to the Radio Spectrum (EARS) 16-537

<http://www.nsf.gov/pubs/2016/nsf16537/nsf16537.pdf>

Deadline: May 3, 2016

Funding: Approximately 6 - 8 awards are anticipated, each up to \$1,500,000 total and up to 3 years in duration

Synopsis: CISE and Mathematical and Physical Sciences (MPS) are coordinating efforts to identify bold new concepts with the potential to contribute towards significant improvements in the efficiency of radio spectrum utilization, protection of passive sensing services, and the ability for traditionally underserved Americans to benefit from current and future wireless-enabled goods and services. This EARS program solicitation seeks to fund innovative collaborative research addressing large-scale challenges that transcend the traditional boundaries of existing programs