FUNDING OPPs & INFO

For Hajim School Researchers

May 2, 2016

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.)

EVENT

Webinar
National Science Foundation – follow live link to register
Webinar: Understanding SBIR & STTR Phase I Application Process
Date/Time: May 12, 2016 2-3 PM EST

FUNDING OPPORTUNITIES

Internal Funding

Deadline Reminder May 6: Preproposals due for University Technology Development fund, which awards winning applications from faculty, staff, or students up to $100,000 to develop their technology to a commercial endpoint. For more information or to submit preproposals, contact Omar Bakht.

The Goergen Institute for Data Science Collaborative Pilot Award Program in Health Data Analytics

Request for Pilot Award Applications

http://www.rochester.edu/data-science/research/index.html

Deadline: May 31, 2016

Funding: $50k (1-3 awards) or $25k (1-3 awards)

Synopsis: To promote new cross campus, multidisciplinary collaborations with a goal to utilize data to predict and improve health outcomes. These areas were recently explored during the University of Rochester Health Data Retreat on March 4th and this pilot program is designed to address some of the opportunities and challenges identified during that internal retreat. Preference will be given to proposals that are highly innovative, interdisciplinary and have a high potential for follow-on funding, particularly proposals from faculty that participated in the Health Data Retreat. Funding will not be provided for established collaborations with already existing support. must involve at least one principal investigator (PI) either from the School of Arts and Sciences, the Hajim School of Engineering, or the Simon School of Business and a PI from the School of Medicine and Dentistry (or School of Nursing).

External

Air Force Fiscal Year 2017 Young Investigator Research Program (YIP)

Department of Defense

BAA-AFRL-AFOSR-2016-0006

http://www.grants.gov/web/grants/view-opportunity.html?oppId=282395

Deadline: June 1, 2016

Award Amount: $120,000/year for 3 years. Exceptional proposals will be considered individually for higher funding level and/or longer duration.

Synopsis: Target Applicants: U.S. citizens, nationals, or permanent residents in a full-time position who received a Ph.D. or equivalent on or after April 1, 2011. The Young Investigator Research Program (YIP) supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in science and engineering. The awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize Air Force mission and challenges in science and engineering

National Science Foundation 16-076

Dear Colleague Letter: Innovative Computational Infrastructure for Understanding the Brain

http://www.nsf.gov/pubs/2016/nsf16076/nsf16076.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

Deadline: Friday, May 20,2016

Funding: Varies – conference funding vs. EAGER

Synopsis: Interested Principal Investigators (PIs) must email a 2-page (maximum) summary of their research ideas and planned activities to nsf-brain-ci@nsf.gov by 5:00 pm submitter's local time, Friday, May 20, 2016. Conference and EAGER proposal inquiries will be accepted from a PI or any consortium of investigators led by a PI at an eligible U.S. institution. A PI may lead at most one conference proposal and one EAGER proposal pursuant to this DCL. The present DCL encourages two types of funding requests: (1) Proposals for Conferences (community workshops) that are designed to bring together domain neuroscientists and computational infrastructure developers to explore needs for and opportunities to develop innovative computational infrastructure solutions that transform the practice of neuroscience; and (2) Early-Concept Grants for Exploratory Research (EAGERs) proposals for high risk/high reward innovative concepts and pilot projects that aim to ultimately result in deployment of ambitious, sustainable computational infrastructure resources, capabilities, and services that will enhance and accelerate the neuroscientific discovery process for a broad base of users.

National Science Foundation

Communications, Circuits, and Sensing-Systems (CCSS) Program

PD 16-7564

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505248&WT.mc_id=USNSF_25&WT.mc_ev=click

Deadline: November 1, 2016

Funding: ~$100,000 per year for 3 years

Synopsis: CCSS spurs visionary systems-oriented activities in collaborative, multidisciplinary, and integrative engineering research. CCSS supports systems research in hardware, signal processing techniques, and architectures to enable the next generation of cyber-physical systems (CPS) that leverage computation, communication, and algorithms integrated with physical domains. CCSS supports innovative research and integrated educational activities in micro- and nano- electromechanical systems (MEMS/NEMS), communications and sensing systems, and cyber-physical systems. The goal is to design, develop, and implement new complex and hybrid systems at all scales, including nano and macro, that lead to innovative engineering principles and solutions for a variety of application domains including

ARPA-E

RENEWABLE ENERGY TO FUELS THROUGH UTILIZATION OF ENERGY-DENSE LIQUIDS (REFUEL)

https://arpa-e-foa.energy.gov/

DE-FOA-0001562

CFDA Number 81.135

Deadline: Concept Papers - May 25, 2016

Funding: vary between $250,000 and $10 million. Base cost share 20% of Total Project Costs but may vary

Synopsis: The purpose of the Renewable Energy to Fuels through Utilization of Energy-dense Liquids (REFUEL) program is to develop scalable technologies for conversion of electrical or thermal energy from renewable sources into chemical energy contained in energy dense Carbon-Neutral Liquid Fuels (CNLF) that can be stored, transported, and later converted into hydrogen or electricity to provide power for transportation and distributed energy generation. Because CNLFs can be stored for extended periods of time and then transported to consumers using existing and inexpensive technology for liquid fuel delivery and distribution, they offer a unique opportunity to reduce both the need for energy imports and carbon emissions from the transportation sector. In meeting that need, they also have the potential to enable increased penetration of intermittent renewable energy sources. The success of this program depends on developing technologies in two categories: (1) the synthesis of CNLFs using intermittent renewable energy sources and water and air (N2 and CO2) as the only chemical input streams and (2) the conversion of CNLFs delivered to the end point to another form of energy (e.g. hydrogen or electricity).

*ARPA-E and the New York State Energy Research and Development Authority (NYSERDA) have signed a Memorandum of Understanding (MOU) to work together to stimulate development of high-potential, high-impact clean energy technologies in the state of New York. The MOU will focus on a broad range of technology areas including smart grid, energy storage, distributed and renewable energy resources, advanced buildings, and 21st century transportation systems.

Go to http://arpa-e.energy.gov/ to subscribe to the ARPA-E Newsletter.