FUNDING OPPs & INFO

For Hajim School Researchers

Sept. 8, 2015

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

SBIR/STTR Information Site
http://www.zyn.com/sbir/
Check to conduct keyword searches, see upcoming agency deadlines, and links to agency solicitations
Several agencies have open solicitations at present:
Department of Energy: FY 2016 Phase I Release 1 - Letter of Intent (required): September 8, 2015 (Release 2 will occur in late Nov with a late December LOI deadline)
http://science.energy.gov/~/media/grants/pdf/foas/2015/SC_FOA_0001366.pdf
USDA Opens FY-2016 SBIR: October 8, 2015
NIH SBIR (contracts): October 16, 2015
DoD SBIR 2015.3: October 28, 2015
DoD STTR 2015.C: October 28, 2015
National Science Foundation SBIR 15-605: December 8, 2015
National Science Foundation STTR 15-604: December 11, 2015
HHS/NIH SBIR/STTR (Grants): January 5, 2016; April 5, 2016

Department of Energy
Office of Science
Early Career Research Program Reminder
DE-FOA-0001386
http://science.energy.gov/~/media/grants/pdf/foas/2015/SC_FOA_0001386.pdf
Deadlines: Pre-Proposal September 10, 2015 (required); Invited Full Proposals: November 19,-2015
Funding: $750,000 over five years
Synopsis: DOE anticipates making 20-30 awards under this FOA. Principal Investigator must be an untenured Assistant Professor on the tenure track or an untenured Associate Professor on the tenure track at a U.S. academic institution as of the deadline for the application. No more than ten (10) years can have passed between the year the Principal Investigator's Ph.D. was awarded and the year of the deadline for the application. For the present competition, those who received

doctorates no earlier than 2005 are eligible. There can be no co-Principal Investigators. NO U.S. citizenship requirement for the Principal Investigator or any project participants. New this year is a requirement for data management plans; proposals without the plan will be declined.

Department of Energy
FY 2016 Research Opportunities in High Energy Physics Reminder
Funding Opportunity Number: DE-FOA-0001358
http://science.energy.gov/~/media/grants/pdf/foas/2015/SC_FOA_0001358.pdf
Deadline: September 17, 2015
Funding: Varies
Synopsis: Office of High Energy Physics (HEP) at the U.S. Department of Energy, Office of Science, hereby invites new and renewal grant applications for support of research programs in High Energy Physics – see topics

NYS Energy Research and Development Authority
Current Funding Opportunities (PONs)
http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities

National Science Foundation
Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)
15-569
http://www.nsf.gov/pubs/2015/nsf15569/nsf15569.pdf
Webinar Slides and FAQ Link:
http://www.nsf.gov/events/event_summ.jsp?cntn_id=135599
Deadline: September 30, 2015
Funding: up to $175,000 for up to 24 months
Synopsis: CRII solicitation seeks to support new faculty by encouraging research independence **immediately upon obtaining one's first academic position after receipt of the PhD.** CISE will award grants to initiate the course of one's independent research. Understanding the critical role of establishing that independence early in one's career, it is expected that funds will be used to support untenured faculty or research scientists (or equivalent) in their first two years in an academic position after the PhD. To be eligible, the PI may not yet have received any other grants in the Principal Investigator (PI) role from any institution or agency, including from the CAREER program or any other award post-PhD. Serving as co-PI, Senior Personnel, Post-doctoral Fellow, or other Fellow does not count against this

eligibility rule. It is expected that these funds will allow the new CISE Research Initiation Initiative (CRII) PI to support one or more graduate students for up to two years. For PIs at undergraduate institutions, the funds may be used to support undergraduate students. In FY2014, three UR faculty received funding from this program.

National Science Foundation
Computational and Data-Enabled Science and Engineering (CDS&E)
PD 12-8084
Deadlines Vary: Division of Chemistry – September 30, 2015; Directorate for Engineering , Division of Materials Research, Division of Advanced Cyberinfrastructure – November 2, 2015; Division of Astronomical Sciences – November 16, 2015; Division of Physics – December 3, 2015; . Division of Mathematical Sciences – December 9, 2015.
Funding: ~$100,000 per year. Check with program manager
Synopsis: CDS&E program is not intended to replace existing programs that make awards that involve computation and the analysis of large data sets. Rather, the CDS&E program is meant to fund awards that have a significant component of cyber development or cyber science that goes well beyond what would normally be included in these programs. **Directorate of Engineering**: research supported by CDS&E in engineering will encompass all engineering and related disciplines that are potentially transformative and multidisciplinary and that address computational and/or data challenges. Proposals submitted to this program should draw on productive intellectual partnerships that synergistically capitalize upon knowledge and expertise in multiple fields or sub-fields in science or engineering and/or in multiple types of organizations - Chemical, Bioengineering, Environmental and Transport (CBET), Civil, Mechanical and Manufacturing Innovation (CMMI), Electrical, Communications and Cyber Systems (ECCS), Division of Advanced Cyberinfrastructure (ACI)
Directorate for Mathematical and Physical Sciences: The CDS&E program in MPS explicitly addresses the distinct intellectual and technological discipline lying at the intersection of applied mathematics, statistics, computer science, and the core science disciplines of astronomy, chemistry, physics, mathematics, and materials research. Proposals are expected to be relevant to mathematical and physical sciences - Astronomy (AST), Chemistry (CHE), Materials Research (DMR), Materials Research (DMR), Physics (PHY).

National Science Foundation
Division of Chemistry
Deadline: September 30, 2015
Chemical Catalysis (CAT) - PD- 09-6884
Chemical Theory, Models and Computational Methods (CTMC) – PD-09-6881

Chemical Structure, Dynamics and Mechanisms (CSDM-B) – PD 12-9102
Chemical Synthesis (SYN) PD 09-6878
Chemical Structure, Dynamics and Mechanisms (CSDM-A) PD 12-9101

National Science Foundation
Dear Colleague Letter: NSF/AST Response to the NRC Report "Optimizing the U.S. Ground-Based Optical and Infrared Astronomy System"
15-115
http://www.nsf.gov/pubs/2015/nsf15115/nsf15115.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click