FUNDING OPPs & INFO

For Hajim School Researchers

Jan. 11, 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.)

WEBINAR: January 22 – 1:30 – 3:00 PM EST. Informational Webinar on NSF 16-519, Critical Resilient Infrastructure Systems and Processes (CRISP)
http://www.nsf.gov/pubs/2016/nsf16519/nsf16519.pdf
Registration is required for this Webinar no later than January 21, 2016. Go to
http://www.nsf.gov/events/event_summ.jsp?cntn_id=137311&WT.mc_id=USNSF_13&WT.mc_ev=click
Program Deadline: March 09, 2016
Funding:
Type 1 Awards: Projects will be of 2 years in duration with a maximum total budget of $500,000.
Type 2 Awards: Projects will be of 3-4 years in duration with a total budget ranging from $1 million to $2.5 million.
Synopsis: Out of ENG CMMI, seeks to fund projects likely to produce new knowledge that can contribute to making ICI services more effective, efficient, dependable, adaptable, resilient, safe, and secure, taking into account the human systems in which they are embedded. Successful proposals are expected to study multiple infrastructures focusing on them as interdependent systems that deliver services, enabling a new interdisciplinary paradigm in infrastructure research. To meet the interdisciplinary criterion, proposals must broadly integrate across engineering, computer, information and computational science, and the social, behavioral and economic sciences. Proposals that do not meet this criterion will be returned without review.

National Science Foundation
Reminder of Supplement Target Date: April 1, 2016 REU/RET Supplements

The DoD SBIR 16.1 & STTR 16.A Solicitations are Open for Proposals
https://sbir.defensebusiness.org/
Important Dates:

1. **January 11, 2016: SBIR 16.1 and STTR 16.A opens**
2. **February 3, 2016: SITIS closes to new questions**
3. **February 17, 2016: SBIR 16.1 and STTR 16.A closes at 6:00 a.m. ET**

DOD has issued a Request for Information (RFI) for up two more NNMIs. Below is a link and copy of the RFI.
RFI-AFRL-RQKM-2016-0009
MANUFACTURING INNOVATION INSTITUTES
Request for Information (RFI)
https://www.fbo.gov/index?s=opportunity&mode=form&id=414582ce17ec70815d488af87a42090b&tab=core&_cview=1

National Science Foundation
CMMI Unsolicited Proposal Submission Next Deadline |
Civil, Mechanical and Manufacturing Innovation (CMMI) Division
http://www.nsf.gov/div/index.jsp?org=CMMI
Next Deadline: **February 16, 2106, next deadline September 15, 2016 (*2 programs different deadline date)**
CMMI Division is organized into four program clusters, each containing four to five research programs:

• Advanced Manufacturing:

Design of Engineering Material Systems PD 12-8086
Manufacturing Machines and Equipment PD 16-1468
Materials Engineering and Processing PD 16-8092
NanoManufacturing PD 16-1788

• Mechanics and Engineering Materials

Biomechanics and Mechanobiology PD 14-7479
Design of Engineering Material Systems PD 12-8086
Mechanics of Materials and Structures PD 15-1630

• Resilient and Sustainable Infrastructures

Civil Infrastructure Systems PD 15-1631
*Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings 14-557
http://www.nsf.gov/pubs/2014/nsf14557/nsf14557.pdf
Engineering for Natural Hazards PD 16-014Y
Geotechnical Engineering and Materials PD 15-1636
Infrastructure Management and Extreme Events PD 15-1638
*Natural Hazards Engineering Research Infrastructure 15-598
http://www.nsf.gov/pubs/2015/nsf15598/nsf15598.pdf
Structural and Architectural Engineering PD 15-1637

• Operations, Design and Dynamical Systems

Dynamics, Control and Systems Diagnostics PD 15-7569
Engineering and Systems Design PD 14-1464
Service, Manufacturing and Operations Research PD 16-006Y
Systems Science PD 14-8085

National Science Foundation
Industry/University Cooperative Research Centers Program (I/UCRC) 16-504
http://www.nsf.gov/eng/iip/iucrc/home.jsp
Deadline: LOIs and Full Proposals: May 09, 2016, full July 11, 2016
Funding: **Planning Grant: The award amount for a planning grant seeking to establish a new I/UCRC is $15,000 per academic institution with a 12 –month duration**. The $15,000 is for all applicable planning expenses including travel to the I/UCRC "boot camp" and is inclusive of applicable Indirect Costs. The I/UCRC "boot camp" informs planning grant awardees about the planning process, the IUCRC model, member recruitment strategies and Center operations that are consistent with I/UCRC requirements.
Full Center Awards: Phase I - First Five Year Center Award - Site meeting minimum membership requirement receives $150,000 annually from NSF.
Phase II - Second Five Year Center Award - Site meeting minimum membership requirement receives $100,000 annually from NSF.
Phase III - Third Five Year Center Award- Site meeting minimum membership requirement receives $50,000 annually from NSF.
The NSF level of funding for Phase I, Phase II and Phase III has been increased, and depends on the in-cash membership fees collected from IAB members
Membership: Sites in a multi-university Center:
Phase I: a minimum of $150,000 in cash (no in-kind cash equivalent) annually and 3 distinct full members
Phase II: a minimum of $200,000 in-cash (no in-kind cash equivalent) annually and 4 distinct full members
Phase III: a minimum of $250,000 in-cash (no in-kind cash equivalent) annually and 5 distinct full members
Single University Center in any Phase: a minimum of $400,000 in-cash (no in-kind cash equivalent) annually with a minimum of eight distinct full members.
Synopsis: Major changes have been made to the solicitation. I/UCRC program develops long-term partnerships among industry, academe, and government. The Centers are catalyzed by an investment from the National Science Foundation (NSF) and are primarily supported by industry Center members, with NSF taking a supporting role in the development and evolution of the Center. Each Center is established to conduct research that is of interest to both the industry members and the Center faculty. An I/UCRC contributes to the nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education. As appropriate, an I/UCRC uses international collaborations to advance these goals within the global context.