FUNDING OPPs & INFO

For Hajim School Researchers

Dec. 7, 2015

EVENTS, WEBINARS

ASE Research Dean's Office Lunch & Learn – December 15, 2015 at 12:00-1:30 PM in Lattimore 317
What PIs need to know about Evaluation Plans for Proposal and Project Development
Synopsis: Featured speakers include - Barbara Masi, Ph.D., is the Director of Education Innovation and Assessment Initiatives in Arts, Sciences and Engineering; Chelsea BaileyShea, Ph.D., is Assistant Professor in the Educational Leadership department at the Warner School of Education and co-director of evaluation in the Center for Professional Development and Education Reform
Seating is limited and lunch will be served. Please RSVP by Thursday, December 10, 2015 at:
https://emsregics.ur.rochester.edu/lunchandlearn
If you have any questions regarding the AS&E Faculty Lunch & Learn Series please contact Kelly Smith at
AS&EResearch@rochester.edu

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 in Portland, Oregon - February 29 - March 1, 2016, Hosted by Portland State University
Fills up fast, if interested please subscribe to the NSF Grants Conference Registration Notification Website to be notified of open registration and act right away.
https://www.signup4.net/Public/ap.aspx?EID=NSFN10E

FUNDING OPPORTUNITIES

National Science Foundation
Professional Formation of Engineers (PFE: RIEF): Research Initiation in Engineering Formation
http://www.nsf.gov/pubs/2015/nsf15539/nsf15539.pdf
Deadline: March 31, 2016
Funding: maximum funding of $150,000 per award
Synopsis: The Professional Formation of Engineers: Research Initiation in Engineering Formation (PFE: RIEF) program enables engineering faculty who are renowned for teaching, mentoring, or leading educational reform efforts on their campus to initiate collaborations with colleagues in the social and/or learning sciences to address difficult, boundary-spanning problems in the professional formation of engineers. The PFE: RIEF program is designed to expand the community of engineering faculty equipped to conduct research in professional formation of engineers. At least one (co) PI must be a member of an engineering department AND not have received engineering education or professional formation funding through EEC in the last three years. Submissions from senior faculty and faculty who have recently received tenure and are exploring alternative career paths are especially encouraged.

National Science Foundation
STEM + Computing Partnerships (STEM+C)
http://www.nsf.gov/pubs/2015/nsf15537/nsf15537.pdf
Deadline: March 08, 2016
Funding:
Track 1 Project Types

1. Exploratory Integration (EI): (up to $1,250,000); maximum duration two years.

2. Design and Development (DD): (up to $2,500,000); maximum duration three years.

3. Field-Building Conferences and Workshops (CW): (up to $250,000); maximum duration two years.

   Track 2: Computing Education Knowledge and Capacity Building

1. Research on Education and Broadening Participation Projects (EBP): (up to $600,000 maximum); duration three years.

2. CS 10K (CS10K): (up to $1,000,000); duration three years.

   Synopsis: The STEM+C Partnerships program seeks to significantly enhance the learning and teaching of science, technology, engineering, mathematics (STEM), and computing by K-12 students and teachers, through research on, and development of, courses, curriculum, course materials, pedagogies, instructional strategies, or models that innovatively integrate computing into one or more STEM disciplines, or integrate STEM content into the teaching and learning of computing. In addition, STEM+C seeks to build capacity in K-12 computing education with foundational research and focused teacher preparation. Projects in the STEM+C Partnerships program should build on research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Pre-service and in-service teachers who participate in STEM+C projects are expected to enhance their understanding and teaching of STEM and computing content, practices, and skills.

National Science Foundation
EarthCube
http://www.nsf.gov/pubs/2016/nsf16514/nsf16514.pdf
Deadline: March 24, 2016: EarthCube Prototypes; March 24, 2016: EarthCube Capabilities
Funding: 2 awards for Prototypes (36 months in duration and up to $2,500,000 in total budget); 3-5 awards for Research Coordination Networks(RCNs - 24 months and a maximum of $300,000); up to 12 for Capabilities (24 and 36 months in duration. Budgets must be between $500,000 and $1,700,000).
Synopsis: EarthCube is a community-driven activity sponsored through a partnership between the NSF Directorate for Geosciences (GEO) and the Directorate for Computer & Information Science & Engineering (CISE) Division of Advanced Cyberinfrastructure (ACI) to transform research in the academic geosciences community. EarthCube aims to create a well-connected and facile environment to share data and knowledge in an open, transparent, and inclusive manner, thus accelerating our ability to understand and predict the Earth system.

National Institute of Biomedical Imaging and Bioengineering/NIH/DHHS
Bioengineering Research Grants (BRG) (R01)
Funding Opportunity Number: PAR-13-137
http://grants.nih.gov/grants/guide/pa-files/PAR-13-137.html
Deadlines: The deadlines for receipt of standard R01 applications under this announcement are: **February 5, June 5, and October 5 annually**. The deadlines for receipt of AIDS-related applications are: January 7, May 7, and September 7 annually
Funding: Application budgets are not limited, but need to reflect actual needs of the proposed project. scope of the proposed project should determine the project period. The maximum award period is 4 or 5 years depending on the NIH Institutes and Centers. Applicants requesting $500,000 or more in direct costs in any year (excluding consortium F&A) must contact NIH program staff at least 6 weeks before submitting the application and follow the Policy on the Acceptance for Review of Unsolicited Applications that Request $500,000 or More in Direct Costs as described in the SF424 (R&R) Application Guide.
Synopsis: (BRG) is to foster the development of an innovative technology, model, technique, design, or method that has the potential for significant impact on biomedical research by infusing principles and concepts from the quantitative sciences. The purpose of this FOA is to encourage BRG applications that: 1) apply a multidisciplinary approach to the solution of a biomedical problem; and 2) integrate, optimize, validate, translate or otherwise accelerate the adoption of promising tools, methods and techniques for a specific research or clinical problem in basic, translational, or clinical science and practice. A BRG application may propose design-directed, developmental, discovery-driven, or hypothesis-driven research and is appropriate for small teams applying an integrative approach that can increase our understanding of and solve problems in biological, clinical or translational science.

SBIR Department of Education
http://ies.ed.gov/sbir/
Deadline: January 15, 2016
Funding: to 6 months in amounts up to $150,000
Synopsis: A funded Phase I SBIR project would be successful if at the end of a 6-month period the team: (1) had developed a functioning prototype of an education technology product, and (2) conducted research to determine the usability and initial feasibility of the prototype.
The SBIR in the Department of Education (ED) is operated out of its research office, the Institute of Education Sciences (IES).

INFORMATION OF INTEREST

Note: In addition to search links a great place to look for funding opportunities is the Duke research funding site: https://researchfunding.duke.edu/

NSF Update
Beginning January 22, 2016, NSF will be implementing changes that comply to the policy outlined in the PAPPG (NSF 16-1).
http://www.nsf.gov/pubs/policydocs/pappguide/nsf16001/gpp_print.pdf

- Deadline Submission deadline of 5 pm will be strictly enforced

- The Final Project Report and Project Outcomes Report will be required from organizations no later than 120 days following the end date (was 90 days)

- Proposal Preparation:

• Prepare a new single copy document for "Collaborators and Other Affiliations" for each Senior Personnel listed on a proposal.

• Be aware of a new certification regarding Dual Use Research of Concern (DURC) on the Cover Sheet.

• Upload a Current and Pending Support document for each Senior Personnel as a separate file or as text associated with each individual. These support documents can no longer be grouped together in a single PDF document and submitted under the name of the Principal Investigator (PI).

• Upload a Biographical Sketch for each Senior Personnel as a separate PDF file or as text associated with the individual. These documents can no longer be grouped together in a single PDF document and submitted under the name of the PI.