FUNDING OPPs & INFO

For Hajim School Researchers

Dec. 22, 2015

INFORMATION OF INTEREST

UR Subscription Based Funding Search Tool
As of July 1, the University replaced the Pivot funding opportunities and collaboration software product with the SPINPlus product marketed by InfoEd Global. Many of you are already familiar with SPIN/SMARTS/GENIUS as the product used for a number of years by the University prior to the switch to Pivot.   If you are new to SPINPlus there is a lot of helpful information on how to get started on their website at www.infoedglobal.com.   If you require additional help feel free to contact me or ORPA's Charlene Sinclair @ (585) 275-5776, charlene.sinclair@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.)

Fellowships and Awards Search Engine
Reminder that ASE maintains a searchable database on fellowships and awards. Go to:
http://www.rochester.edu/fellowships/
Those fellowships or awards that have an internal limited submission call are noted in the description.

Weekly NIH Funding Opportunities and Notices – Subscribe @
http://grants.nih.gov/grants/guide/rss_info.htm

Internal Limited Submission Programs
A list is maintained on the ORPA website
http://www.rochester.edu/orpa/funding/limitedsub.html
This is a great way to see the deadlines. All limited submission calls are sent to Department Chairs.

EVENTS, WEBINARS

Spring 2016 National Science Foundation (NSF) Grants Conference in Portland, Oregon February 29th - March 1st, 2016
This two-day conference will be hosted by Portland State University. Conference registration will commence the second week of January, and you can be notified via email when the registration website opens IF you are on the events listserve ~ https://www.signup4.net/Public/ap.aspx?EID=NSFN10E

Webinar Defense Threat Reduction Agency (DTRA): Will host a webinar on 8 January 2016 at 1:00pm EST to address the Basic Research Broad Agency Announcement and Service Call amendments.
HDTRA1-11-16-BRCWMD-BAA
FY2011 – 2016 Basic Research for Combating Weapons of Mass Destruction (C-WMD) Broad Agency Announcement (BAA)
Synopsis: posted two (2) solicitation amendments for Basic Research proposals Dec 1.
Go to the following link to register for the webinar: https://www.signup4.net/Public/ap.aspx?EID=BAAW12E

FUNDING OPPORTUNITIES

 NASA
Fellowships for Early Career Researchers (ROSES 2015)
Solicitation: NNH15ZDA001N-ECF
https://researchfunding.duke.edu/fellowships-early-career-researchers-roses-2015
Deadline: March 31, 2016
Funding: Eligible Fellows can apply for up to $100K in start-up funds under this program. The start-up package is intended to aid Fellows in establishing a research group or laboratory in their new position.
Synopsis: Disciplines: Engineering and Physical Sciences; Environmental & Life Sciences. The Early Career Fellowship (ECF) program supports the development of individual research programs of outstanding scientists early in their careers and stimulates research careers in the areas supported by the Planetary Sciences Division. This Program is based on the idea that supporting key individuals is a critical mechanism for achieving high impact science that will lead the field forward with new concepts, technologies, and methods. This program consists of two components with two different submission procedures: the first is the one-page application to be an "Early Career Fellow" (ECF) and the second is the subsequent submission of a seven-page proposal for start up funds by a previously selected ECF

NIH Small Research Grant Program (Parent R03)
http://grants.nih.gov/grants/guide/pa-files/PA-13-304.html
R03 Deadlines: Feb. 16, Jun. 16, Oct. 16.
Funding: The combined budget for direct costs for the two year project period may not exceed $100,000. No more than $50,000 in direct costs may be requested in any single year.
Synopsis: Supports small research projects that can be carried out in a short period of time with limited resources. The R03 activity code supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

NIH Exploratory/Developmental Research Grant Program (Parent R21)
http://grants.nih.gov/grants/guide/pa-files/PA-13-303.html
R21 Deadlines: Feb. 16, Jun. 16, Oct. 16.
Funding: combined budget for direct costs for the two year project period may not exceed $275,000. No more than $200,000 may be requested in any single year.
Synopsis: Supports the development of new research activities in categorical program areas. The R21 activity code is intended to encourage exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research.

NIH Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21)
National Institute of Diabetes and Digestive and Kidney Diseases
(PAR-16-064)
Deadlines: 30 days prior to the application due date. R21 deadlines Feb. 16, Jun. 16, Oct. 16.
Funding: The direct costs are limited to $125,000 per year, not to exceed 3 years
Synopsis: To conduct and support medical research and research training and to disseminate science-based information on diabetes and other endocrine and metabolic diseases; digestive diseases, nutritional disorders and obesity; and kidney, urologic, and hematologic diseases, to improve people's health and quality of life. This funding opportunity seeks to facilitate the transition to research independence of New Investigators from backgrounds underrepresented in the biomedical and behavioral sciences who are knowledgeable about these diseases and available to focus on these diseases in their research careers.

National Science Foundation
International Research Network Connections (IRNC) - Europe and Africa
http://www.nsf.gov/pubs/2016/nsf16523/nsf16523.htm
Deadline: March 17, 2016
Funding: 1-2 awards at up to $900,000 total per year for a maximum of 4 years.
Synopsis: Supports high-performance network connectivity required by international science and engineering research and education collaborations involving the NSF research community. NSF expects to make 1-2 awards to link U.S. research networks with peer networks in Europe and Africa and leverage existing international network connectivity. Because of the nature and geographic extent of the efforts involved, interested parties are encouraged to form consortia of organizations that can work together to provide the needed services. Consortia may consist of any number of U.S. and foreign, profit and not-for-profit entities.

National Science Foundation
Division of Undergraduate Education
Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR) 15-585
http://www.nsf.gov/pubs/2015/nsf15585/nsf15585.pdf
*Two tracks: (1) Engaged Student Learning and (2) Institutional and Community Transformation. Two tiers of projects exist within each track: (i) Exploration and Design and (ii) Development and Implementation.
Deadlines: January 13, 2016, January 11, 2017 - Development and Implementation Tiers for Engaged Student Learning & Institution and Community Transformation. November 02, 2016 - Exploration and Design Tier for Engaged Student Learning & Institution and Community Transformation
Funding: Exploration and Design projects – Up to $300,000 over a period of up to 3 years; Engaged Student Learning track, Development and Implementation projects: Level I – Up to $600,000 and a maximum duration of 3 years & Level II - $601,000 and $2,000,000 and a maximum duration of 5 years.
Synopsis: IUSE: EHR) program invites proposals that address immediate challenges and opportunities that are facing undergraduate STEM education, as well as those that anticipate new structures (e.g. organizational changes, new methods for certification or credentialing, course re-conception, cyber learning, etc.) and new functions of the undergraduate learning and teaching enterprise. The IUSE: EHR program recognizes and respects the variety of discipline-specific challenges and opportunities facing STEM faculty as they strive to incorporate results from educational research into classroom practice and work with education research colleagues and social science learning scholars to advance our understanding of effective teaching and learning. Toward these ends the program features two tracks: (1) Engaged

Student Learning and (2) Institutional and Community Transformation. Two tiers of projects exist within each track: (i) Exploration and Design (small-scale efforts) and (ii) Development and Implementation.

National Science Foundation
Cyberlearning and Future Learning Technologies (Cyberlearning) 14-526
http://www.nsf.gov/pubs/2014/nsf14526/nsf14526.pdf
NEXT Deadlines: January 18, 2016 Development and Implementation (DIPs); March 25, 2016 Capacity-Building Projects (CAPs); December 18, 2016 - Exploration Projects (EXPs)
Funding: See Program Announcement
Synopsis: Awards will be made in three research categories, each focusing on a different stage of research and development: Exploration (EXP), Design and Implementation (DIP), and Integration (INT). The program will also support small Capacity-Building Projects (CAP), e.g., conferences, workshops, and partnership-building activities, and will continue to participate in NSF's Foundation-Wide programs: EAGER, RAPID, INSPIRE, and CAREER.
The purpose of the Cyberlearning and Future Learning Technologies program is to integrate opportunities offered by emerging technologies with advances in what is known about how people learn to advance three interconnected thrusts:
-Innovation: inventing and improving next-generation genres (types) of learning technologies, identifying new means of using technology for fostering and assessing learning, and proposing new ways of integrating learning technologies with each other and into learning environments to foster and assess learning;
-Advancing understanding of how people learn in technology-rich learning environments: enhancing understanding of how people learn and how to better foster and assess learning, especially in technology rich learning environments that offer new opportunities for learning and through data collection and computational modeling of learners and groups of learners that can be done only in such environments; and
-Promoting broad use and transferability of new genres: extracting lessons from experiences with these technologies that can inform design and use of new genres across disciplines, populations, and learning environments; advancing understanding of how to foster learning through effective use these new technologies and the environments they are integrated into.

The intention of this program is to advance technologies that specifically focus on the experiences of learners; innovations that simply focus on making teaching easier will not be funded. Proposals that focus on teachers or facilitators as learners are invited; the aim in these proposals should be to help teachers and facilitators learn to make the learning experiences of learners more effective.

National Science Foundation
Research in the Formation of Engineers (RFE) PD 15-1340
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503584
Deadline: Deadline Date: February 17, 2016; September 21, 2016
Funding: Approximately $100,000 per project per year
Synopsis: Professional Formation includes, but is not limited, to:

- Introductions to the profession at any age;
- Acquisition of deep technical and professional skills, knowledge, and abilities in both formal and informal settings/domains;
- Development of outlooks, perspectives, ways of thinking, knowing, and doing;
- Development of identity as an engineer and its intersection with other identities; and
- Acculturation to the profession, its standards, and norms.

As part of this initiative, the Research in the Formation of Engineers (RFE) program welcomes proposals that consider the construction of engineering knowledge, engineering identity, and the engineering profession, as well as interventions that expand the boundaries of each of these. Ultimately RFE aims to transform the engineering formation system, and thus the impact of proposed projects on this system must be described. PIs should provide a roadmap detailing how they envision the proposed research will eventually broadly impact practice within the engineering formation system, even if these activities are not within the scope of the submitted proposal.