

FUNDING OPPs & INFO

For Hajim School Researchers



Nov. 16, 2015

WEBINARS

Recent Webinar Information –

NIH webinars – topics include SBIR/STTR, R01, Fellowship Awards

<http://public.csr.nih.gov/Pages/csrwebinar.aspx>

NSF Grantees Conference – Nov 2-3 presentation slides – each directorate had a session~! Check it out @

<https://www.signup4.net/public/ap.aspx?EID=NATI644E&OID=162>

GRANT WRITING RESOURCES

**In conjunction with the ASE Dean's Office –
Good Stuff for PIs**

<http://www.rochester.edu/college/research/assets/pdf/Good-Stuff-Proposal.pdf>

Fellowships and Awards Database

<http://www.rochester.edu/fellowships/>

Access to WebEx/gotomeeting – Did you know UR has an account should you need to setup WebEx. UR has an account but it's tied to 1 username/password and gets shared around. And because it's shared, we have to setup the scheduling specific to a data/time meeting request. Requires pre-planning and coordination with Eric Likness/Faculty Support Specialist eric.likness@rochester.edu //Cell:729-4219/Ph:275-8179

FUNDING OPPORTUNITIES

Internal Funding

CTSI Pilot and Incubator Programs: RFAs Released

<https://www.urmc.rochester.edu/ctsi/funding/incubator-program.cfm>

Deadline: December 7, 2015

Funding: Each award is funded at a maximum level of \$125,000 per year for each of two years

Synopsis: The CTSI is now accepting applications for two funding programs, for awards to begin on July 1, 2016. The Incubator Program supports “super-pilot projects,” two years in duration, that are intended to accelerate innovative scientific discovery in the life sciences and public health, leading to new independently-funded research programs. Faculty from all UR schools are eligible to apply. The Pilot Studies Program supports translational and clinical research that moves new discoveries along the translational continuum to humans and the community. The Incubator Program supports the development

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.)

of promising clinical and translational research within the institution, where larger, carefully targeted investments can accelerate progress and create stand-alone research programs.

**Internal Funding -
PumpPrimer II 2016**

<http://www.rochester.edu/college/pumpprimer/>

PumpPrimer II: Innovative and high-risk projects.

Next deadline: February 1, 2016

The increasingly competitive environment for extramural funding increases the need for proof of concept and/or pilot data in proposals and decreases funding of high-risk proposals. To help faculty secure extramural funding for bold new research directions, my office will provide funding for up to one year.

- Typical budgets will be \$1-20K. In rare instances, budgets as large as \$50K may be awarded.
- Cost-sharing with departmental resources is encouraged.

Applicants for both PumpPrimer I and II are expected to submit a proposal for external funding within 18 months of the allocation of intramural support. Both PumpPrimer mechanisms and Researcher Mobility Travel grants will require a brief final survey and final report to help us evaluate the effectiveness of this program. Questions, email me at cindy.gary@rochester.edu

NOTE: The following awards accept applications on an ongoing basis:

PumpPrimer I: Multi-institutional and/or multi-investigator research projects.

Increasingly, federal agencies are interested in research that brings together experts with complementary skills to address grand challenges. We encourage faculty to take on such large-scale initiatives because they benefit multiple AS&E faculty, increase the quality and stability of our research infrastructure, and increase our national and international visibility.

The Dean's office may provide:

- Teaching relief for the faculty member who champions the project.
- Administrative support from our office for proposal preparation.
- Travel up to \$5K for planning proposals that bring together multi-institutional researchers.

Researcher Mobility Travel Grants: International Research Collaboration

- Provide up to \$5K to conduct overseas research visits (one to three months).
- Support for faculty research and expanding international collaborative networks.

Limited Submission

National Science Foundation

Scalable Nanomanufacturing (SNM) 16-513

<http://www.nsf.gov/pubs/2016/nsf16513/nsf16513.pdf>

Internal Deadline: December 11, 2015. Limit of 1 UR proposal as lead. UR may be a collaborative partner in any number of other multi-organization group proposals in which it is not the lead.

Funding: Awards will be in the range of \$250,000-\$375,000 per year for four years, with a \$1.5M cap

Synopsis: Proposals should target nanomanufacturing processes with a clear commercial relevance, and should consider addressing key aspects of the nanomanufacturing value chain of nano-scale building-blocks to complex nanostructures to functional devices to integrated systems:

- Novel scalable processes and techniques for large-area or continuous manufacturing of nano-scale materials and structures and their assembly and integration into higher order structures, devices and systems;
- Fundamental scientific research in key, well-defined technical areas that are compellingly justified as approaches to overcome critical scientific and engineering barriers to scale-up and integration; and
- Design principles for production systems leading to nanomanufacturing tools, systems and platforms; identification of metrology, instrumentation, standards and control methodologies needed for process control and to assess quality and yield; identification of environmental and energy footprints, as applicable. (NSF Full Proposal Deadline: February 16, 2016).

Required internal forms can be found at: <http://www.rochester.edu/orpa/funding/limitedsub.html> Call or email Cindy with questions.

*NOTE: Chemical Engineering's Mitch Anthamatten was lead in a winning UR SNM in 2015 – award

detail may be found

@ http://www.nsf.gov/awardsearch/showAward?AWD_ID=1530540&HistoricalAwards=false

National Science Foundation

Industry/University Cooperative Research Centers Program (IUCRC)

<http://www.nsf.gov/pubs/2016/nsf16504/nsf16504.pdf>

Deadline: LOI May 09, 2016 (required). Planning Grant: July 11, 2016

Funding: Planning Grant = 4-6 awards made annually \$15,000 per academic institution over 12 months followed by a full center proposal the following year. Annual funding of an IUCRC depends on membership base and not to exceed \$250,000 per Site.

Synopsis: IUCRC 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.

*UR Institute of Optics has an IUCRC – the Center for Freeform Optics, led by Jannick Rolland

<http://centerfreeformoptics.org/>

National Science Foundation

Small Business Technology Transfer Program Phase I (STTR)

<http://www.nsf.gov/pubs/2015/nsf15604/nsf15604.pdf>

NSF SBIR/STTR Website: <http://www.nsf.gov/eng/iip/sbir/home.jsp>

Deadline: December 11, 2015

Funding: Up to \$225,000 for a 6-12 month development/feasibility project (STTR Phase I awards previously had a duration of 12 months)

Synopsis: NSF SBIR/STTR Technology Topic Areas: <http://www.nsf.gov/eng/iip/sbir/topics.jsp>

This STTR Phase I solicitation aims at encouraging the commercialization of previously NSF-funded fundamental research (NSF funding lineage). It is highly desirable that the core innovation described in the submitted proposals can in some manner be linked to fundamental research funded by the NSF. No person may be listed as the PI for more than one proposal submitted during this cycle, which is defined as this SBIR Phase I solicitation and the concurrent STTR Phase I solicitation. However, an individual may be listed as a co-PI on more than one proposal per cycle. STTR Phase I Proposal, a minimum of 40% of the research, as measured by the budget, must be performed by the small business concern and a minimum of 30% of the research, as measured by the budget, must be performed by the collaborating research institution. The primary employment of the Principal Investigator (PI) must be with the small business concern at the time of award and for the duration of the award, unless a new PI is named.

Department of Energy – Office of Science

SBIR & STTR Programs (R2)

<http://science.energy.gov/sbir/>

FOA: RI Funding Opportunity Number: DE-FOA-0001366

http://science.energy.gov/~media/grants/pdf/foas/2015/SC_FOA_0001366.pdf (**R2 instructions will be the same**).

Deadline: LOI Required - December 21, 2015

Funding: \$150,000 to \$225,000 over 9 months

Synopsis: The FOA for R2 will be released Monday, November 30, 2015 but topics can be reviewed now. Phase I Release 2 Topics. Letter of Intent Instructions: <http://science.energy.gov/sbir/applicant-and-awardee-resources/letter-of-intent/>

NASA SBIR & STTR

<http://sbir.gsfc.nasa.gov/>

Deadline: February 1, 2016

Funding: \$125,000 maximum for 6 months for both SBIR and STTR.

Synopsis: two NASA program solicitations with separate research areas under which small business concerns (SBCs) are invited to submit proposals: the Small Business Innovation Research (SBIR) Program and the Small Business Technology Transfer (STTR) Program. *NASA has separate SBIR and STTR research topics.

***Please check the SBIR Gateway site for master SBIR and STTR links and updates -**

<http://www.zyn.com/sbir/>

National Science Foundation

I-Corps Team

<http://www.nsf.gov/pubs/2012/nsf12602/nsf12602.pdf>

Upcoming deadline: December 15, 2015

Synopsis: NSF I-Corps Team (12-602) opportunity for NSF awardees within last 5 years. Eligibility to Apply : Applicants must have received a prior award from NSF (in a scientific or engineering field relevant to the proposed innovation) that is currently active or that has been active within five years from the date of the I-Corps Teams proposal submission. The prior award could range from a modest single-investigator award to a large, distributed center and also includes awards involving students such as REU Sites.

*The required lineage from a prior NSF award has been clarified to explicitly name, in addition to the Principal Investigator (PI), Co-PIs, Senior Personnel, Post Docs, Professional Staff or others who were supported under an NSF award.

Funding : Up to \$50,000 per 6 month award. Recovery of indirect costs (F&A) is limited to \$5,000.

2016 Dan David Prize

<http://www.dandavidprize.org/>

Deadline: November 30, 2015

Funding: 3 prizes @ \$1M each

Synopsis: Dan David Prize is a joint international corporation, endowed by the Dan David Foundation and headquartered at Tel Aviv University.