

Office of Research Newsletter – July 11, 2014

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Part I. News and Announcements

NIST to Host a Webinar on Community Resilience Center of Excellence

NIST is soliciting applications to establish a Community Resilience Center of Excellence in which NIST researchers collaborate with interdisciplinary researchers from academia and industry on development of tools and standardized methods that will enhance the disaster resilience of communities and their built environment through innovations in measurement science and in new modeling, simulation, data, and informatics tools coupled with field studies of multiple hazard events.

NIST anticipates approximately \$4,000,000 per year may be made available to one award. This award would be for up to five years with the possibility to renew for an additional 5 years at the end of the initial award period. If renewed, NIST anticipates a total of approximately \$40,000,000 may be available.

NIST plans to hold a webinar to offer information on the Community Resilience Center of Excellence program. The webinar will provide general guidance on preparing proposals and provide an opportunity for the public to ask questions about the program. There is no cost for the webinar, but participants must register in advance. Additional information about the webinar will be available at: www.nist.gov/coe/resilience.

Invitation to Submit Presentation Proposals for 2014 Partnering for Cures Meeting

FasterCures, the Washington, DC-based center of the Milken Institute, invites organizations engaged in innovative, cross-sector research collaborations to submit presentation proposals for the 2014 Partnering for Cures meeting. Collaborations should be aimed at reducing the time and

cost of getting new medical solutions (drugs, devices, diagnostics, etc.) from discovery to patients. Each 25-minute presentation will provide an opportunity to engage potential investors, partners, and/or collaborators in moving your existing initiative forward or amplifying the impact of your approach.

Any cross-sector research collaboration or consortium working to speed up and improve the medical research system – and/or the process of getting new therapies to patients – is eligible to apply. Initiatives must involve partners from two or more of the following sectors:

- NGOs/nonprofit foundations
- Industry (pharmaceutical, biotechnology, device and diagnostic companies)
- Research institutes
- Universities
- Government agencies
- Investors
- Philanthropists

Partnerships should be established, not merely proposed, at the time of presentation, and should be able to provide evidence of outcomes/progress against their goals. There will be no more than two presenters per partnership. All presenters must register to attend the conference.

FasterCures is particularly, although not exclusively, interested in hearing from partnerships that focus on one or more of the following categories:

- Translation/commercialization of basic scientific discoveries
- Data sharing
- Clinical trial innovation/infrastructure, e.g., simulation, remote trial participation, adaptive trials, patient-powered research networks, etc.
- Creation of broadly-used tools and resources, e.g. standards, methods, or technologies that can be used by all stakeholders to advance their independent research
- Innovative financing models

To vie for one of up to 30 innovator presentation slots, complete the [online presentation application](#) by 11:59 pm Friday, August 22, 2014. FasterCures will notify you by mid-September to let you know whether or not to prepare to present.

More at <http://partneringforcures.org/program/innovators/>

Frequently Asked Questions (FAQs) for NSF 14-567, Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM)

More at

http://www.nsf.gov/pubs/2014/nsf14092/nsf14092.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

A Weekly Newsletter from DOE Office of Energy Efficiency and Renewable Energy (EERE): <http://apps1.eere.energy.gov/news/enn.cfm>

MARK YOUR CALENDAR

July 17, Bethesda, Maryland

Medical Scientist Training Program 50th Anniversary Symposium

Register at <http://meetings.nigms.nih.gov/index.cfm?event=registration&ID=18184>. You can also watch the event live at <http://videocast.nih.gov>.

August 17-21, 2014, San Diego, CA

Solar Energy + Technology 2014 Symposium

More at <http://spie.org/x13194.xml>

Part II. Funding Opportunities

DARPA

Hyper-wideband Enabled RF Messaging (HERMES)

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=258736>

August 13, 2014

Squad X Infrastructure Study

https://www.fbo.gov/index?s=opportunity&mode=form&id=d005a1d9db67b69533d443607e44b42f&tab=core&_cview=0

October 3, 2014

DOE

Collaborative Research in Magnetic Fusion Energy Sciences on Long-Pulse International Stellarator Facilities

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=259013>

Pre-Application Due Date: August 11, 2014. Application Due Date: September 22, 2014

High-Energy-Density Laboratory Plasma Science

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=258929>

October 1, 2014

DHS

Define and Communicate Exclusion Zones Research

https://www.fbo.gov/index?s=opportunity&mode=form&id=90f3d0ef31516b3f0f67737c88da712b&tab=core&_cview=0

August 6, 2014

NASA

Mars Data Analysis

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={28E683BC-22F3-F1D6-0C1E-15188201287F}&path=open>

August 4, 2014 (Step 1); October 3, 2014 (Step 2)

Dawn at Ceres Guest Investigator Program

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={548AC6C3-D118-5013-5568-884B426274D2}&path=open>

August 14, 2014 (Step 1); October 9, 2014 (Step 2)

Lunar Data Analysis

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={C33C9D34-76BB-A818-F62C-2069F03A4C17}&path=open>

August 29, 2014 (Step 1); October 24, 2014 (Step 2)

NIH**Blood Pressure Measurement Technologies for Low-Resource Settings in the US and India (U01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-14-002.html>

LOI Due Date: August 26, 2014. Application Due Date: September 26, 2014

Outstanding Investigator Award

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-267.html>

LOI Due Date: September 20, 2014. Application Due Date: October 20, 2014

Development of Novel Therapeutics for Select Anaerobic Protozoa (R21/R33)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-015.html>

LOI Due Date: September 30, 2014. Application Due Date: October 30, 2014

Long-Term Outcomes of Medically Assisted Reproduction (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-272.html>

September 30, 2014; September 30, 2015; September 30, 2016

Long-Term Outcomes of Medically Assisted Reproduction (R21)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-273.html>

September 30, 2014; September 30, 2015; September 30, 2016

Innovative Therapies and Tools for Screenable Disorders in Newborns (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-270.html>

October 5, 2014

Pharmacogenetics, Pharmacoepigenetics and Personalized Medicine in Children (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-274.html>

October 5, 2014

International Research Collaboration on Alcohol and Alcoholism (U01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-268.html>

October 5, 2014

Innovative Assays to Quantify the Latent HIV Reservoir (R01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-020.html>

LOI Due Date: October 7, 2014. Application Due Date: November 7, 2014

Innovative Therapies and Tools for Screenable Disorders in Newborns (R21)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-269.html>

October 16, 2014

Innovative Therapies and Tools for Screenable Disorders in Newborns (R03)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-271.html>

October 16, 2014

NSF

Documenting Endangered Languages (DEL)

<http://www.nsf.gov/pubs/2014/nsf14580/nsf14580.pdf>

October 6, 2014; September 15, 2015; September 15, Annually Thereafter

Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)

http://www.nsf.gov/pubs/2014/nsf14582/nsf14582.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

October 15, 2014; Third Wednesday in October, Annually Thereafter

Centers for Chemical Innovation (CCI)

http://www.nsf.gov/pubs/2014/nsf14583/nsf14583.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

October 21, 2014

DOS

American Cultural Centers and Cultural Programming in the People's Republic of China

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=258088>

August 11, 2014

Saudi American Educational and Cultural Initiative

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=257748>

June 30, 2015

NEH

Enduring Questions

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=258989>

September 11, 2014

Digital Humanities Start-up Grants

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=258991>

September 11, 2014

Please note that this bulletin is not intended to be an exhaustive listing of funding opportunities. Your input and feedback are always welcome. Please send your comments and requests to be removed from the distribution list to huangj7@rpi.edu.