

Office of Research Newsletter – March 7, 2014

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Part I. News and Announcements

Presidential Innovation Fellows: Round 3

The White House recently launched Round 3 of the Presidential Innovation Fellows program, focused on 14 exciting projects. The third round of the Presidential Innovation Fellows program will be addressing three national priority initiatives:

- Making Digital the Default: Building a 21st Century Veterans Experience
- Data Innovation: Unleashing the Power of Data Resources to Improve Americans' Lives
- By the People, for the People: Crowdsourcing to Improve Government

Applications are open until April 7th.

Since the initiative launched two years ago, Presidential Innovation Fellows, along with their government teammates, have been delivering impressive results—at start-up velocity. Fellows have unleashed the power of open government data to spur the creation of new products and jobs; improved the ability of the Federal government to respond effectively to natural disasters; designed pilot projects that make it easier for new economy companies to do business with the Federal Government; and much more. Their impact is enormous. Looking ahead, the next round of Presidential Innovation Fellows will continue to build on these successes as well as tackle a new set of challenges.

The list of Round 3 Presidential Innovation Fellows program projects is available at <http://www.whitehouse.gov/innovationfellows/projects#section-round-3>

More at <http://www.whitehouse.gov/innovationfellows>

NSF Dear Colleague Letter: Special Guidelines for Submitting Collaborative Proposals under the US NSF/BIO - UK BBSRC Lead Agency Pilot Opportunity

The US National Science Foundation (NSF) and the Research Councils UK (RCUK) have signed a Memoranda of Understanding (MoU) on Research Cooperation. The MoU provides an overarching framework to encourage collaboration between US and UK research communities and sets out the principles by which jointly supported activities might be developed. The MoU provides for a lead agency arrangement whereby proposals may be submitted to either NSF (via FastLane) or one of the UK Research Councils (via Je-S).

The NSF Directorate for Biological Sciences (NSF/BIO) and the Biotechnology and Biological Sciences Research Council (BBSRC) are pleased to announce a pilot program for the NSF/BIO - BBSRC lead agency arrangements under the NSF / RCUK Research Cooperation MoU. The pilot program allows for reciprocal acceptance of peer review through unsolicited mechanisms and its goal is to help reduce some of the current barriers to working internationally.

The pilot will allow US and UK researchers to submit a single collaborative proposal that will undergo a single review process. The pilot will operate for fall 2014 and fall 2015 submissions and proposals will be accepted for UK-US collaborative projects in the areas of intersection between NSF/BIO and BBSRC (responsive mode only) including systems biology, computational biology, bioinformatics and synthetic biology (fall 2015 only). Proposals are expected to adhere to the remit, funding limits and grant duration for BBSRC responsive mode and NSF/BIO program(s) from which funding is sought.

More at

http://www.nsf.gov/pubs/2014/nsf14034/nsf14034.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

May 6-8, 2014, Wilmington, Delaware

The 16th Meeting of the Symposium on Polymers for Microelectronics

More at <http://www.symposiumonpolymers.com/>

June 30-July 2, 2014, Boston, MA

CSP Symposium at ASME 2014 8th International Conference on Energy Sustainability

More at <http://www.asmeconferences.org/ESFuelCell2014/TechnicalTracks.cfm>

August 17-21, 2014, San Diego, CA
Solar Energy + Technology 2014 Symposium

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

Part II. Funding Opportunities

DOD

Fundamental Research to Counter Weapons of Mass Destruction Modification 18
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=49658>
September 30, 2014

AFRL

Functional Polymers for Advanced Materials
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251624>
White Paper Due Date: March 20, 2014

Research Interests of the Air Force Office of Scientific Research Grant
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=252028>
Open until Superseded

DARPA

Supply Chain Hardware Integrity for Electronics
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=252082>
Abstract Due Date: April 1, 2014. Proposal Due Date: May 30, 2014

DOE

Notice of Intent - Funding Opportunity Announcement: Fuel Cell Technologies Incubator: Innovations in Fuel Cell and Hydrogen Fuels Technologies Grant
<https://eere-exchange.energy.gov/#FoaId5cd017fc-4cb3-4e38-8899-4514af44509c>
Proposal Due Date TBD

NASA

Research Opportunities for Flight Experiments in Space Biology
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=252008>
March 28, 2014 (Step 1); May 23, 2014 (Step 2)

NIH

Request for Proposals (RFP) Notice: Analytical Chemistry & Stability Testing of Treatment Drugs for Substance Use Disorders

<http://grants.nih.gov/grants/guide/notice-files/NOT-DA-14-041.html>

April 28, 2014

NIBIB Biomedical Technology Service Centers (P30)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-145.html>

May 25, 2014

Establishing Behavioral and Social Measures for Causal Pathway Research in Dental, Oral and Craniofacial Health (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-143.html>

June 5, 2014

Community Partnerships to Advance Research (CPAR) (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-142.html>

June 5, 2014

Neuroimmune Mechanisms of Alcohol Related Disorders (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-139.html>

June 5, 2014

Genomes to Natural Products (U01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-15-001.html>

June 10, 2014

Establishing Behavioral and Social Measures for Causal Pathway Research in Dental, Oral and Craniofacial Health (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-144.html>

June 16, 2014

Community Partnerships to Advance Research (CPAR) (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-141.html>

June 16, 2014

Neuroimmune Mechanisms of Alcohol Related Disorders (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-138.html>

June 16, 2014

Community Partnerships to Advance Research (CPAR) (R15)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-140.html>

June 25, 2014

NSF

Cyber-Physical Systems (CPS)

http://www.nsf.gov/pubs/2014/nsf14542/nsf14542.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

May 19, 2014 - June 2, 2014; December 1, 2014 - December 15, 2014; December 1 - December 15, Annually Thereafter

DOT

Innovative and Sustainable Seat Belt Enforcement

<https://www.fbo.gov/index?s=opportunity&mode=form&id=6706d6b80862732ed09acf3ff4266a08&tab=core&cvview=0>

June 30, 2014

ED

National Institute on Disability and Rehabilitation Research: Research Fellowships Program

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251356>

April 14, 2014

NEH

Challenge Grants

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251599>

May 1, 2014

USDA

Women and Minorities in Science, Technology, Engineering and Mathematics Fields Program (WAMS)

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=252172>

April 28, 2014

Foundations

The Bill & Melinda Gates Foundation and its funding partners in the Grand Challenges family of grant programs are inviting innovators to apply for the following grant opportunities:

1) Grand Challenges Explorations, an initiative to encourage innovative and unconventional global health and development solutions, is now accepting grant proposals for its latest application round. Applicants can be at any experience level; in any discipline; and from any organization, including colleges and universities, government laboratories, research institutions, non-profit organizations and for-profit companies.

Proposals are being accepted online until May 6, 2014 on the following topics:

- New Ways of Working Together: Integrating Community-Based Interventions
- Explore New Ways to Measure Fetal and Infant Brain Development
- Innovations in Feedback & Accountability Systems for Agricultural Development
- Inciting Healthy Behaviors: nudge, leapfrog, disrupt, reach
- Novel Enabling Tools and Models Supporting the Development of Interventions for Severe Diarrhea and Enteric Dysfunction

Initial grants will be US \$100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to US \$1 million. Full descriptions of the new topics and application instructions are available at: www.grandchallenges.org/explorations.

2) Grand Challenges Canada, through their Stars in Global Health program, is seeking ideas that use scientific, social, or business innovation to address some of the most pressing challenges in global health. Talented innovators in both low- and middle-income countries and Canada are invited to apply. Proposals are being accepted until March 10, 2014. More information, including the request for proposals, application instructions, and frequently asked questions can be found at:

<http://response.notifications.gatesfoundation.org/t?ctl=4AE0DD6:AFEAFEB1A7B8E1CEF14055E06B2CB123CA73A41616202B22&>

3) In addition there is also a Biostatistics Course opportunity from KwaZulu-Natal Research Institute for TB and HIV. Deadline for applications is March 31, 2014. For more information and to apply please visit www.k-rith.org.

If you are interested in applying please contact Deborah Chesky in the Office of Corporate and Foundation Relations.

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.