

# Office of Research Newsletter – March 14, 2014

Table of Contents

[Part I. News and Announcements](#)

[Mark your calendar](#)

[Part II. Funding Opportunities](#)

[DOD](#)

[AFRL](#)

[Army](#)

[DARPA](#)

[DOE](#)

[NASA](#)

[NIH](#)

[EPA](#)

[Google](#)

## ***Part I. News and Announcements***

### **NIH Invitation to Comment on Proposed Guidance Regarding Significant Changes to Ongoing Animal Activities**

The NIH Office of Laboratory Animal Welfare (OLAW) is seeking comments and suggestions on guidance to awardee institutions concerning implementation of the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals ([Policy](#)).

OLAW is seeking input on proposed guidance regarding what is considered a significant change to an ongoing animal activity that requires IACUC review.

All comments must be submitted electronically at <http://grants.nih.gov/grants/rfi/rfi.cfm?ID=36> by May 15, 2014. You will receive a confirmation acknowledging receipt of comments but will not receive individual feedback on any suggestions. Responding to this request for comments is voluntary. Submitted comments are considered public information; do not include any information that you wish to remain private and confidential. Comments may be posted on the NIH website; personally identifiable information (except for organizational affiliations and addresses) will be removed by NIH prior to making comments publicly available.

More at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-14-063.html>

---

### **Save the Date - Rensselaer-Mount Sinai Symposium on Regenerative Medicine May 2, 2014, 1-5 PM , Hatch Auditorium**

Please save the date for the Symposium that will highlight collaborative opportunities in regenerative medicine between Mount Sinai and Rensselaer focused on biomaterials, stem cells,

medical devices, artificial organs and drug delivery. A detailed program and invitation will follow.

---

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

### ***MARK YOUR CALENDAR***

#### **April 1, 2014, Washington, DC**

*Big Data, Life Sciences, & National security*

Big data and analytics are increasingly becoming vital components in the pursuit of advanced applications for scientific knowledge development, health care analyses, and global health security. Big data and analytics in the biological sciences might also present risks and unique challenges to national and international security. This event will bring together scientists across a range of disciplines, security professionals, and science and security policy experts to explore ways to leverage the beneficial applications and identify potential risks of big data and analytics to biological security.

More at <http://www.aas.org/event/big-data-life-sciences-and-national-security>

#### **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***

#### **Pre-Announcement: Breast Cancer Research Program (BCRP)**

<http://cdmrp.army.mil/pubs/press/2014/14bcrppreann.shtml>

Proposal Due Date TBD

### ***AFRL***

**Pre-solicitation: Materials Research and Survivability Studies**

[https://www.fbo.gov/index?s=opportunity&mode=form&id=9214d695a913510506616c03e77968a7&tab=core&\\_cview=0BAA-RQKM-2014-0013-NOCA](https://www.fbo.gov/index?s=opportunity&mode=form&id=9214d695a913510506616c03e77968a7&tab=core&_cview=0BAA-RQKM-2014-0013-NOCA)

Proposal Due Date TBD

**Army**

**Fluorescence Intensity Data Algorithm**

[https://www.fbo.gov/index?s=opportunity&mode=form&id=395881bc9ce36bef15a7d2e738a3cd1a1&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=395881bc9ce36bef15a7d2e738a3cd1a1&tab=core&_cview=0)

April 24, 2014

**DARPA**

**Cyber Grand Challenge: Competition Architecture**

[https://www.fbo.gov/index?s=opportunity&mode=form&id=328908705d152877b2022b72735c266f&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=328908705d152877b2022b72735c266f&tab=core&_cview=0)

April 25, 2014

**DOE**

**Integrated Enhanced Geothermal Systems (EGS) Research and Development**

<https://eere-exchange.energy.gov/#FoaId55e2762f-f659-4316-b0a4-5b3fbd01b84b>

Concept Paper Due Date: March 21, 2014. Full Application Due Date: April 30, 2014

**Environmental Stewardship for Renewable Energy Technologies: MHK Environmental and Resource Characterization Instrumentation**

<https://eere-exchange.energy.gov/#FoaId7b557d4f-c41d-4f1c-8183-79d792123dc5>

LOI/Pre-Application Due Date: April 7, 2014. Application Due Date: May 22, 2014

**Office of Science Analytical Modeling for Extreme-Scale Computing Environments Grant**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=252358>

April 18, 2014

**Scientific Discovery through Ultrafast Materials and Chemical Sciences**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251577>

April 21, 2014

**Notice of Intent to Issue Technology Incubator for Wind Energy Innovations**

<https://eere-exchange.energy.gov/#FoaId71200e98-78dc-4180-b087-28f83476fad0>

Full Application Due Date: TBD

**NASA**

**Human Exploration Research Opportunities NASA Research Announcement**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=237681>

September 4, 2014

***NIH***

**Request for Information (RFI): Input on Development of a Language Standard for Environmental Health Sciences**

<http://grants.nih.gov/grants/guide/notice-files/NOT-ES-14-004.html>

April 11, 2014

**Feasibility Studies to Build Collaborative Partnerships in Cancer Research (P20)**

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-152.html>

LOI Due Dates: April 16, 2014; February 19, 2015. Application Due Dates: May 16, 2014; March 19, 2015

**Request for Information (RFI): Strategies to Strengthen the Research and Training Environment to Enhance Early Stage Faculty Diversity at Diversity Focused Institutions (DFIs)**

<http://grants.nih.gov/grants/guide/notice-files/NOT-HL-14-218.html>

April 28, 2014

**Partnerships for Diagnostics to Address Antimicrobial Resistance of Select Bacterial Pathogens (R01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-019.html>

LOI Due Date: May 19, 2014. Application Due Date: June 19, 2014

**Accelerating the Dissemination and Implementation of PCOR Findings into Primary Care Practice (R18)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-14-008.html>

LOI Due Date: May 23, 2014. Application Due Date: July 3, 2014

***EPA***

**National Indoor Environments Program: Reducing Public Exposure to Indoor Pollutants**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=252356>

NOI Due Date: March 31, 2014. Application Due Date: April 21, 2014

***Google***

**Google Research Awards: Faculty Research Awards**

[http://research.google.com/university/relations/research\\_awards.html](http://research.google.com/university/relations/research_awards.html)

April 15, 2014

Google is committed to developing new technologies to help users find and use information. As part of that vision, the Research Awards program aims to identify and support world-class, full-time faculty pursuing research in areas of mutual interest. The intent of the Awards is to support cutting-edge research in Computer Science, Engineering, and related fields.

Applicants are asked to categorize their proposals into one of the following broad research areas of interest to the company:

- Economics and market algorithms
- Geo/maps
- Human-computer interaction
- Information retrieval, extraction, and organization (including semantic graphs)
- Machine learning and data mining
- Machine perception
- Machine translation
- Mobile
- Natural language processing
- Networking
- Policy and standards
- Privacy
- Robotics
- Security
- Social networks
- Software engineering
- Speech
- Structured data and database management
- Systems (hardware and software)

Each funded project will be assigned a Google sponsor. The role of the sponsor is to support the project by discussing research directions, engaging with professors and students, and overseeing collaboration between the project team and Google. The company encourages Research Awards recipients to visit Google to give talks related to their work and meet with relevant research groups here. Through the Research Awards program, the company tries to fund projects where collaboration with Google will be especially valuable to the research team.

*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](mailto:huangj7@rpi.edu).*