

# Office of Research Newsletter – June 21, 2013

Table of Contents

[Part I. News and Announcements](#)

[Mark your calendar](#)

[Part II. Funding Opportunities](#)

[DoD](#)

[AFRL](#)

[DARPA](#)

[Navy](#)

[DOE](#)

[NASA](#)

[NIH](#)

[NSF](#)

[DOC](#)

[ED](#)

[EPA](#)

[NEH](#)

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

### **The National Coordination Office (NCO) for Networking and Information Technology Research and Development (NITRD) Announce Making the Most of Big Data: Request for Information**

Aiming to make the most of the explosion of Big Data and the tools needed to analyze it, the Obama Administration announced the [National Big Data Research and Development Initiative](#) on March 29, 2012. To launch the initiative, six federal departments and agencies announced more than \$200 million in new commitments that, together, promise to greatly improve and develop the tools, techniques, and human capital needed to move from data to knowledge to action.

As we enter the second year of the Big Data Initiative, the Obama Administration is encouraging multiple stakeholders including federal agencies, private industry, academia, state and local government, non-profits, and foundations, to develop and participate in Big Data innovation projects across the country. Later this year, the Office of Science and Technology Policy (OSTP), the National Science Foundation, and other agencies in the Networking and Information Technology R&D (NITRD) program plan to convene an event that highlights high-impact collaborations and identifies areas for expanded collaboration between the public and private sectors. The Obama Administration is particularly interested in projects and initiatives that:

- Advance technologies that support Big Data and data analytics;
- Educate and expand the Big Data workforce;

- Develop, demonstrate and evaluate applications of Big Data that improve key outcomes in economic growth, job creation, education, health, energy, sustainability, public safety, advanced manufacturing, science and engineering, and global development;
- Demonstrate the role that prizes and challenges can play in deriving new insights from Big Data; and
- Foster regional innovation.

Please submit a two-page summary of projects to [bigdataproyects@nitrd.gov](mailto:bigdataproyects@nitrd.gov). The summary should identify:

1. The goal of the project, with metrics for evaluating the success or failure of the project;
2. The multiple stakeholders that will participate in the project and their respective roles and responsibilities;
3. Initial financial and in-kind resources that the stakeholders are prepared to commit to this project; and
4. A principal point of contact for the partnership.

The submission should also indicate whether NITRD can post the project description to a public website. Unless otherwise noted, submissions with sensitive material (e.g., trade secrets, or privileged or confidential commercial or financial information) will be protected from disclosure.

Deadline date for submission of summaries is September 2, 2013.

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### **Some NIH Programs with Upcoming Due Dates**

*Request for Information (RFI): Input on Development of a NIH Data Catalog*

<http://grants.nih.gov/grants/guide/notice-files/NOT-HG-13-011.html>

June 25, 2013

*United States Renal Data System (USRDS) Special Study Centers (U01)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-13-008.html>

LOI Due Date: June 25, 2013. Application Due Date: July 25, 2013

*Optogenetic Tools for the Study of Neural Systems in Aging and Alzheimer's Disease (R01)*

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

LOI Due Date: July 1, 2013. Application Due Date: August 1, 2013

*NINDS Stroke Trials Network - National Data Management Center (U01)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-13-016.html>

LOI Due Date: July 1, 2013. Application Due Date: August 14, 2013

*Substance Use Disorders and Molecular Regulation of Brain Energy Utilization (R01)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-14-005.html>

LOI Due Date: July 15, 2013. Application Due Date: August 15, 2013

*Substance Use Disorders and Molecular Regulation of Brain Energy Utilization (R21)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-14-006.html>

LOI Due Date: July 15, 2013. Application Due Date: August 15, 2013

*Request for Information (RFI): Input on Administration of the NIH-Industry Pilot Program  
Discovering New Therapeutic Uses for Existing Molecules*

<http://grants.nih.gov/grants/guide/notice-files/NOT-RM-13-021.html>

July 18, 2013

*Rapid Secondary Analysis to Optimize Care for Patients with Multiple Chronic Conditions (R01)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-14-001.html>

LOI Due Date: July 19, 2013. Application Due Date: August 28, 2013

*Integration and Analysis of Diverse HIV-Associated Data (R03)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-200.html>

LOI Due Date: July 19, 2013. Application Due Date: August 19, 2013

*Developing and Improving Institutional Animal Resources (G20)*

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-219.html>

August 2, 2013; August 1, 2014; August 3, 2015

*Methodologies and Formative Work for Combination HIV Prevention Approaches (R01)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-180.html>

LOI Due Date: August 3, 2013. Application Due Date: September 3, 2013

*Methodologies and Formative Work for Combination HIV Prevention Approaches (R21)*

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-181.html>

LOI Due Date: August 3, 2013. Application Due Date: September 3, 2013

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

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

**June 26, 2013, 2:00 to 4:00 PM, Webinar for the Homeland Security Advanced Research  
Projects Agency (HSARPA)**

HSARPA plans to hold upcoming industry webinars for each of the R&D Strategies to provide industry with an understanding of homeland security mission area needs. This is a broad strategic overview of R&D mission-need areas, as opposed to the release of "long-range acquisition estimates" per the Federal Acquisition Regulation. This will give industry an idea of where DHS Components plan to invest and acquire technologies for their operations. This is not a call for unsolicited proposals at this time, but rather a preview of how HSARPA plans to shape future calls for proposals such as BAA and/or SBIR topic areas. This particular event will focus specifically on the aviation security portion of the TSA R&D Strategy. TSA is responsible for providing effective and efficient security for passenger and freight transportation in the United States. The event will provide overviews of TSA's mission essential needs, current HSARPA

programs aligned to their priorities, upcoming opportunities for R&D, and mechanisms for public-private partnership.

More at

[https://www.fbo.gov/?s=opportunity&mode=form&id=786b6b369977740f82a44c2ee27e8c80&ab=core&\\_cview=0](https://www.fbo.gov/?s=opportunity&mode=form&id=786b6b369977740f82a44c2ee27e8c80&ab=core&_cview=0)

**July 19-25, 2013, New York, NY**

*International Conference on Machine Learning and Data Mining, MLDM 2013*

More at [www.2013.mldm.de](http://www.2013.mldm.de)

**August 7-8, 2013, DARPA Conference Center, Arlington, Virginia**

*Far Out Networking Symposium*

More at

[https://www.fbo.gov/?s=opportunity&mode=form&id=18536bc256349946af546c51e5027abf&ab=core&\\_cview=0](https://www.fbo.gov/?s=opportunity&mode=form&id=18536bc256349946af546c51e5027abf&ab=core&_cview=0)

**October 10, 2013, Washington, DC**

*2013 Research Universities and the Future of America: A National Convocation*

In 2012, the National Research Council released its report, *Research Universities and the Future of America: Ten Breakthrough Actions Vital to Our Nation's Prosperity and Security*. The report confirmed that research universities nationally are confronting critical threats, challenges, and opportunities that require action on the part of universities, business, states, and the federal government. In the year since the report's release, study committee members have been working with university and business partners to hold a series of nine regional meetings around the United States. These meetings made it possible to identify the unique regional profile of strengths and weaknesses associated with improving output from local universities, enhancing local economic development, and strengthening relationships with local businesses. On October 10th, 2013 the concluding national convocation will be held in Washington DC. This conference will feature presentations and discussion of the major themes and key messages that emerged from the regional meetings and will identify top priorities for implementing the report's recommendations in the coming months and years.

More at <http://sites.nationalacademies.org/PGA/bhew/researchuniversities/>

## ***Part II. Funding Opportunities***

### ***DoD***

**DoD Prostate Cancer Exploration-Hypothesis Development Award**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236414>

Pre-Application Due Date: July 10, 2013. Application Due Date: July 31, 2013

**DoD Peer Reviewed Medical Discovery Award**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236476>

Pre-Application Due Date: July 23, 2013. Application Due Date: August 6, 2013

**DoD Prostate Cancer Postdoctoral Training Award**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236418>

Pre-Application Due Date: August 15, 2013. Application Due Date: September 5, 2013

**DoD Prostate Cancer Dr. Barbara Terry-Koroma Health Disparity Research Award**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236415>

Pre-Application Due Date: September 18, 2013. Application Due Date: October 9, 2013

**DoD Prostate Cancer Population Science Impact Award**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236417>

Pre-Application Due Date: September 18, 2013. Application Due Date: October 9, 2013

***AFRL***

**AFRL Research Collaboration Program**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=212295>

December 20, 2017

***DARPA***

**DARPA Strategic Technology Office (STO) Broad Agency Announcement**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236609>

June 18, 2014

***Navy***

**2013 NAWCAD STEM Education Grant**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=235397>

Proposal Due Date Extended to July 3, 2013

***DOE***

**RFI: Manufacturing Barriers and Opportunities for Water Power Technologies**

<https://eere-exchange.energy.gov/#FoaId36f087f7-7ac5-478d-ab04-71b8b5476efe>

July 12, 2013

**FY2014 Research Opportunities in High Energy Physics**

[http://www.science.doe.gov/grants/pdf/SC\\_FOA\\_0000948.pdf](http://www.science.doe.gov/grants/pdf/SC_FOA_0000948.pdf)

LOI Due Date: July 15, 2013. Application Due Date: September 9, 2013

***NASA***

**Asteroid Initiative Request for Information**

<http://prod.nais.nasa.gov/cgi-bin/eps/synopsis.cgi?acqid=156731>

July 18, 2013

***NIH***

**Limited Competition: Pediatric Brain Tumor Consortium (UM1)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-502.html>

LOI Due Date: August 1, 2013. Application Due Date: September 16, 2013

**Limited Competition: Adult Brain Tumor Consortium (ABTC) (UM1)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-501.html>

LOI Due Date: August 16, 2013. Application Due Date: September 16, 2013

**Person-Centered Outcomes Research Resource (U2C)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-008.html>

LOI Due Date: August 26, 2013. Application Due Date: September 26, 2013

**Drug Docking and Screening Data Resource (U01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-14-010.html>

LOI Due Date: September 9, 2013. Application Due Date: October 9, 2013

**Mentored Career Development Award to Build Research Capacity in Global Mental Health (K01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-120.html>

LOI Due Date: September 22, 2013. Application Due Date: October 22, 2013

**NIBIB Biomedical Technology Service Centers (P30)**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236454>

September 25, 2013

***NSF***

**Materials Engineering and Processing (MEP)**

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504950&WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504950&WT.mc_id=USNSF_25&WT.mc_ev=click)

September 1, 2013 - October 1, 2013; September 1 - October 1, Annually Thereafter; January 15, 2014 - February 18, 2014; January 15 - February 15, Annually Thereafter

***DOC***

**2014/2015 Atlantic Herring Research Set-Aside Grant**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236022>

July 22, 2013

***ED***

**Rehabilitation Engineering Research Centers (RRERCs): Technologies to Support Successful Aging with Disability**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236580>

August 19, 2013

***EPA***

**New Methods in 21st Century Exposure Science**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236605>

September 17, 2013

***NEH***

**Fellowship Programs at Independent Research Institutions**

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=236297>

August 15, 2013

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