

Office of Research Newsletter – October 31, 2014

Table of Contents

[Part I. News and Announcements](#)

[Mark your calendar](#)

[Part II. Funding Opportunities](#)

[AFRL](#)

[DARPA](#)

[DTRA](#)

[DOE](#)

[NIH](#)

[NSF](#)

[DOC](#)

Part I. News and Announcements

Invitation to Attend US Army Research Laboratory's Open Campus Open House

The U.S. Army Research Laboratory (ARL) launched a new initiative, the Open Campus, to cooperatively advance scientific breakthroughs with visionary, ambitious scientists and technologists from academia, private sector businesses, institutes and others across the global research community. The ARL's Open Campus envisions the creation of a dynamic, cooperative science and technology ecosystem that links government assets with the global research community. You are invited to explore fundamental research collaboration opportunities with ARL engineers and scientists to help solve some of the nation's most pressing research issues in defense and security and to advance your research vision in an entrepreneurial environment.

ARL's Open Campus collaboration model is centered on mutual scientific interest and investment by all partners. Open Campus partners work side-by-side with ARL research scientists and engineers, share ARL's specialized research facilities, bring ARL researchers to their institutions to communicate a perspective on research conducted in federal laboratories, and become part of the broader DOD network. ARL is opening areas of its Adelphi Laboratory Center to host visiting scientists and engineers, including foreign nationals, and envisions future construction of new facilities to host partners, with laboratory and office space to serve academia and small businesses, and to incubate entrepreneurial startups.

ARL will be holding an Open House for the Open Campus on Tuesday & Wednesday, December 9 & 10, 2014 in the Adelphi, Maryland vicinity. The goal of this event is to introduce the Science and Technology (S&T) community to ARL's research scientists and engineers with whom you might collaborate, and to ARL's specialized laboratory facilities that are available to support joint research. This informal two-day event features a variety of scheduled presentations, tours and an opportunity to meet one-on-one with some of the Army's leading researchers. During the

event, ARL Director Dr. Thomas Russell will present the ARL Open Campus philosophy. Defense and Government leaders will speak to the wider impact of ARL's Open Campus approach. Other speakers will highlight ARL's seven S&T Campaign areas (Computational Sciences; Materials Research; Sciences for Maneuver; Information Sciences; Human Sciences; Sciences for Lethality and Protection; and Assessment and Analysis). The ARL Open Campus Open House will include tours of ARL's laboratories and opportunities for in-depth discussions with ARL research scientists and engineers. Additional information may be found at ARL's Open Campus home page: www.arl.army.mil/opencampus.

Information for Current and Potential New York State Grantees

New York State is committed to making the grant contracting process easier for grantees. The Grant Opportunity Portal and the Grants Gateway will improve the way New York State administers grants by simplifying and streamlining the grants management process.

The Grant Opportunity Portal

The Grant Opportunity Portal is a one-stop shop for anyone interested in locating funding opportunities. State agencies have already posted nearly 100 upcoming and available procurements and are adding to the list on a daily basis. You can search for and download solicitations with no login required.

The Grants Gateway

The Grants Gateway is the next step for organizations interested in doing business with New York State. To prepare for this exciting transition, it is essential that all potential bidders register with the Gateway and create an account that will provide full access to the system. Potential applicants can locate online opportunities by clicking View Opportunities on the user's Home page.

More at <http://grantsreform.ny.gov/Grantees>

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

MARK YOUR CALENDAR

November 5, 2014, 8:30 a.m.-5:30 p.m., Center for Biotechnology and Interdisciplinary Studies Auditorium

Medical Device Day—Models, Big Data and Healthcare

More at www.rpi.edu/news/events/mdd/

December 4, 2014, DTRA Broad Agency Announcement Webinar

Covered Topics:

- Introduction to the DTRA mission and its research and development goals and objective.
- Review of the December 1, 2014 Basic Research BAA eligibility, timelines, award types, and sizes.
- Review by the portfolio manager of each Basic Research topic advertised in the December 1, 2014 BAA.
- Question and Answer session on specific research topics and overall BAA eligibility, timelines, award structure.

More at <https://www.signup4.net/public/ap.aspx?EID=BAAW11E&OID=50>

Part II. Funding Opportunities

AFRL

Human Performance Sensing

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269233>

Proposal Due Date TBD

DARPA

Low Resources Languages for Emergent Incidents (LORELEI)

https://www.fbo.gov/index?s=opportunity&mode=form&id=cf522cfe43f4010b389cc4a47d1575a2&tab=core&_cview=0

November 11, 2014

Common Heterogeneous Integration and IP Reuse Strategies RFI

https://www.fbo.gov/index?s=opportunity&mode=form&id=9121035b5a48946422934e007c3cac7a&tab=core&_cview=0

December 1, 2014

DTRA

Chemical/Biological Technologies Department Ebola BAA

https://www.fbo.gov/index?s=opportunity&mode=form&id=4644486179fe1388a4c395d0d0527b5e&tab=core&_cview=0

October 23, 2016

DOE

Advancing Solutions to Improve the Energy Efficiency of U.S. Commercial Buildings

<https://eere-exchange.energy.gov/#FoaIdf54c4e14-4401-4f2a-ae06-4e832525be08>

Concept Paper Due Date: November 22, 2014. Full Application Due Date: January 20, 2015

Sustainable and Holistic Integration of Energy Storage and Solar PV (SHINES)

<https://eere-exchange.energy.gov/default.aspx#FoaId266730f7-8882-43a5-aa86-dd215373ea22>

Concept Paper Due Date: December 16, 2014. Full Application Due Date: March 19, 2015

NASA

Game Changing Development Program, Ultra-Lightweight Core Materials for Efficient Load-Bearing Composite Sandwich Structures Appendix

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269113>

NOI Due Date: November 10, 2014. Application Due Date: December 16, 2014

ROSES 2014: Climate Indicators and Data Products for Future National Climate Assessments

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269172>

NOI Due Date: December 2, 2014. Application Due Date: February 2, 2015

Human Exploration Research Opportunities NASA Research Announcement

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=259312>

October 23, 2015

NIH

Women's Reproductive Health Research (WRHR) Career Development Program (K12)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-15-011.html>

LOI Due Date: December 2, 2014. Application Due Date: January 2, 2015

Food Specific Molecular Profiles and Biomarkers of Food and Nutrient Intake, and Dietary Exposure (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-024.html>

January 2, 2015; May 27, 2015; September 28, 2015; May 27, 2016; September 27, 2016; May 27, 2017

National Cancer Institute Program Project Applications (P01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-023.html>

January 25, 2015

Outstanding New Environmental Scientist (ONES) Award (R01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-15-003.html>

LOI Due Date: January 27, 2015. Application Due Date: February 27, 2015

NSF

Exploiting Parallelism and Scalability (XPS)

http://www.nsf.gov/pubs/2015/nsf15511/nsf15511.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

January 27, 2015

EHR Core Research

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269110>

February 3, 2015; September 10, 2015; Second Thursday in September, Annually Thereafter

United States-Israel Collaboration in Computer Science (USICCS)

http://www.nsf.gov/pubs/2015/nsf15510/nsf15510.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

March 2, 2015 - March 16, 2015

DOC

2015 Research in Satellite Data Assimilation for Numerical Environmental Prediction

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269230>

January 15, 2015

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.