

# Office of Research Newsletter – September 26, 2014

Table of Contents

[Part I. News and Announcements](#)

[Mark your calendar](#)

[Part II. Funding Opportunities](#)

[DOD](#)

[AFRL](#)

[DARPA](#)

[Navy](#)

[NASA](#)

[NIH](#)

[NSF](#)

[DOJ](#)

[NEA](#)

## *Part I. News and Announcements*

### **Rensselaer Materials Stochasticity Workshop October 24-25**

Rensselaer Materials Stochasticity Working Group invites you to participate in the First Materials Stochasticity Workshop, at the Carey Conference Center in Rensselaerville, NY (about 45 minutes from Troy). The two-day workshop aims at bringing together a small number of research leaders to explore new opportunities in the fast developing field of materials stochasticity. The focus of the workshop will be to bring together the perspective of various leaders in their respective fields to build a framework for how stochasticity can be further developed as a unifying theme across materials science. Please address any questions to [meuniv@rpi.edu](mailto:meuniv@rpi.edu). The deadline to send your registration to attend on a day basis for either or both days of the Workshop is **October 3**. There is no registration fee for this event.

Please visit the workshop website for more information:

<https://sites.google.com/site/stochasticity2014/>

---

### **Candidates for the President Harry S. Truman Fellowship**

Sandia National Laboratories is seeking candidates for the President Harry S. Truman Fellowship in National Security Science and Engineering, a three-year appointment allowing recipients to pursue independent research that supports Sandia's national security mission.

Truman Fellowship candidates are expected to have solved a major scientific or engineering problem in their thesis work or will have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field. Fellows may work at either principal

location, Albuquerque, NM or Livermore, CA. The salary is \$111,200. Candidates must be able to obtain a security clearance and be seeking their first national laboratory appointment. They must have been awarded a Ph.D. (with strong academic standing) within three years at the time of application or will have completed all PhD requirements by commencement of the appointment. Applications are due November 1, 2014.

For questions on the application process, please contact Sara Draper at 505.845.7998 or [sjdraper@sandia.gov](mailto:sjdraper@sandia.gov). For research mentor or technical questions, contact Yolanda Moreno at 505.284.2106 or [ymoreno@sandia.gov](mailto:yomoreno@sandia.gov). More information is available at:

[http://www.sandia.gov/careers/students\\_postdocs/fellowships/truman\\_fellowship.html](http://www.sandia.gov/careers/students_postdocs/fellowships/truman_fellowship.html)

---

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

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

#### **October 8-9, 2014, Fort Worth, TX**

##### *Manufacturing Innovation Topics Workshop*

The [Advanced Manufacturing Office](#) (AMO) and the Office of the Secretary of Defense Manufacturing Technology Program (OSD ManTech) will host a [workshop](#) on October 8-9, 2014 in Fort Worth, TX. Attendees will discuss AMO's recent Request for Information (RFI) on Clean Energy Manufacturing Topic Areas as well as the recent areas of interest announced by OSD ManTech for a new Manufacturing Innovation Institute. The Technical Focus Areas for each office are:

#### DOE

- Advanced Materials Manufacturing
- Advanced Sensing, Control, and Platforms for Manufacturing
- High-Efficiency Modular Chemical Processes
- High Value Roll-to-Roll Manufacturing

#### DOD

- Engineered Nanomaterials
- Modern Fiber and Textiles

AMO and OSD ManTech seek information on mid-Technology Readiness Level (TRL) research and development needs, market and supply chain challenges, and shared facility needs for advanced manufacturing. The offices would like to know what roadblocks to advanced manufacturing technology potentially could be overcome by pre-competitive collaboration as part of a Manufacturing Innovation Institute.

More at <http://energy.gov/eere/amo/events/manufacturing-innovation-topics-workshop>

#### **October 18, 2014, Hofstra University**

##### *Managing New York Ocean Resources: Connecting Science and Policy*

As directed by the National Ocean Policy, Regional and New York Ocean Action Plans and Ocean Assessments are being drafted that will protect and guide our management of marine resources for now and for the future. The New York Marine Sciences Consortium will host a meeting to gather input from the scientific community, policy makers, other stakeholders and the general public to inform these action plans and assessments. Input from the conference will be used to develop recommendations and identify critical knowledge gaps regarding ocean-related human uses, natural resources, and cultural factors.

More at <http://www.somas.stonybrook.edu/~awp/>

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

### ***DOD***

#### **DOD PH/TBI Community Partners in Mental Health Research Award Grant**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=265968>

Pre-Application Due Date: November 6, 2014. Application Due Date: January 23, 2015

### ***AFRL***

#### **Intelligent Power System Protection**

[https://www.fbo.gov/index?s=opportunity&mode=form&id=7c2a4cec172a9c96b8a824f2ba48b1a0&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=7c2a4cec172a9c96b8a824f2ba48b1a0&tab=core&_cview=0)

October 23, 2014

### ***DARPA***

#### **Intense and Compact Neutron Sources**

[https://www.fbo.gov/index?s=opportunity&mode=form&id=781d73dafa2265b58ea31e9e7e4c722c&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=781d73dafa2265b58ea31e9e7e4c722c&tab=core&_cview=0)

November 20, 2014

### ***Navy***

#### **Multi-INT Research Initiatives at the Naval Postgraduate School Grant**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=266534>

September 30, 2015

### ***NASA***

#### **Habitable Worlds**

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={BBDC40FA-7697-F6C6-A148-75713DB49E80}&path=open>

November 24, 2014 (Step 1); January 23, 2015 (Step 2)

#### **Astrophysics Research and Analysis**

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={C2025992-0DFA-D79E-A99B-9DE84DBE214A}&path=open>

NOI Due Date: January 23, 2015. Application Due Date: March 20, 2015

**Strategic Astrophysics Technology**

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={04437F11-1BA9-9F2C-85F3-87E5263B4292}&path=open>

NOI Due Date: January 23, 2015. Application Due Date: March 20, 2015

***NIH***

**Studies in Neonatal and Pediatric Resuscitation (R01)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-350.html>

October 5, 2014

**Studies in Neonatal and Pediatric Resuscitation (R21)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-349.html>

October 16, 2014

**Studies in Neonatal and Pediatric Resuscitation (R03)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-351.html>

October 16, 2014

**Building Genetics and Genomic Knowledge about Dental, Oral, and Craniofacial Diseases and Disorders (R01)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-347.html>

November 28, 2014

**4D Nucleome Imaging Tools (U01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-009.html>

LOI Due Date: January 2, 2015. Application Due Date: February 2, 2015

**Study of Nuclear Bodies and Compartments (U01)**

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

LOI Due Date: January 2, 2015. Application Due Date: February 2, 2015

**Nucleomics Tools (U01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-007.html>

LOI Due Date: January 2, 2015. Application Due Date: February 2, 2015

***NSF***

**Tectonics**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=266088>

January 12, 2015; Second Monday in January, Annually Thereafter; June 22, 2015; Fourth Monday in June, Annually Thereafter

**Limited Solicitation: Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)**  
[http://www.nsf.gov/pubs/2014/nsf14610/nsf14610.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2014/nsf14610/nsf14610.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

LOI Due Date: December 3, 2014. Full Proposal Due Date: January 28, 2015

***DOJ***

**W.E.B. Du Bois Fellowship for Research in Race, Gender, Culture, and Crime FY 2015**  
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=266848>

December 24, 2014

***NEA***

**NEA Our Town, FY 2015**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=266490>

December 15, 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](mailto:huangj7@rpi.edu).*