Office of Research Newsletter – September 26, 2014

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**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. 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/](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 sjdrape@sandia.gov. For research mentor or technical questions, contact Yolanda Moreno at 505.284.2106 or ymoreno@sandia.gov. More information is available at: http://www.sandia.gov/careers/students_postdocs/fellowships/truman_fellowship.html


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/](http://www.somas.stonybrook.edu/~awp/)

**Part II. Funding Opportunities**

**DOD**

DOD PH/TBI Community Partners in Mental Health Research Award Grant
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=781d73dafe2265b58ea31e9e4c722c&tab=core&_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=781d73dafe2265b58ea31e9e4c722c&tab=core&_cview=0)
November 20, 2014

**Navy**

Multi-INT Research Initiatives at the Naval Postgraduate School Grant
September 30, 2015

**NASA**

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

Astrophysics Research and Analysis
Strategic Astrophysics Technology

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

NIH

Studies in Neonatal and Pediatric Resuscitation (R01)
October 5, 2014

Studies in Neonatal and Pediatric Resuscitation (R21)
October 16, 2014

Studies in Neonatal and Pediatric Resuscitation (R03)
October 16, 2014

Building Genetics and Genomic Knowledge about Dental, Oral, and Craniofacial Diseases and Disorders (R01)
November 28, 2014

4D Nucleome Imaging Tools (U01)
LOI Due Date: January 2, 2015. Application Due Date: February 2, 2015

Study of Nuclear Bodies and Compartments (U01)
LOI Due Date: January 2, 2015. Application Due Date: February 2, 2015

Nucleomics Tools (U01)
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)
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.