

# Office of Research Newsletter – September 12, 2014

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

### **New York State Pollution Prevention Institute (NYSP2I) Research & Development Student Competition Is Now Accepting Applications**

The NYSP2I is pleased to invite applications from undergraduate or graduate students for the 4<sup>th</sup> Annual R & D Student Competition. The competition fosters creative thinking, problem solving, teamwork, and collaboration across disciplines and provides an opportunity for students to present their projects to environmental experts, gain insight from established professionals, and receive recognition by potential future employers. The program provides funding to offset project costs as well as awarding prize money at the culminating competition exhibition on Earth Day, April, 22, 2015 at Rensselaer Polytechnic Institute.

All required forms, the [Request for Applications](#) and additional details can be found at: <http://www.rit.edu/affiliate/nysp2i/rd-student-competition>

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### **Request for Information (RFI): Soliciting Input for the National Institute of General Medical Sciences (NIGMS) Strategic Planning Process**

NIGMS has embarked on a strategic planning process to guide its decision making for the next 5 years. As a first step, Institute staff developed a [draft statement of broad goals and objectives](#). As the Institute works on developing specific strategies and finalizing the plan, it would like comments and suggestions from scientists, scientific organizations and other interested parties. To respond to this RFI, please go to <https://www.research.net/s/GMStrategicPlan>. All responses must be submitted by September 26, 2014.

More at <http://grants.nih.gov/grants/guide/notice-files/NOT-GM-14-129.html>

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## **12th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet**

The U.S. Environmental Protection Agency (EPA), as part of the P3-People, Prosperity and the Planet Award Program, is seeking applications proposing to research, develop, and design solutions to real world challenges involving the overall sustainability of human society. The P3 competition highlights the use of scientific principles in creating innovative projects focused on sustainability. The P3 Award program was developed to foster progress toward sustainability by achieving the mutual goals of improved quality of life, economic prosperity and protection of the planet -- people, prosperity, and the planet – the three pillars of sustainability. The Associated Research Areas are:

- Energy
- Built Environment
- Materials and Chemicals
- Water
- Urban Green Water Infrastructure
- Clean Cookstoves

More at <http://www.epa.gov/ncer/rfa/2015/2015-p3.html>

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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***

**September 19, 2014, 8:30 a.m. to 12:30 p.m., Sarazen Student Union, Rooms 241-243, Siena College**

*National Endowment for the Humanities Grant Workshop*

Dr. Russell Wyland, Deputy Director of NEH Research Program will discuss NEH funding opportunities and offer tips for writing competitive proposals. He will also conduct a mock Proposal Review Panel in which participants read, discuss and rank proposals to better understand how proposals are evaluated and recommended for NEH funding.

**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***

### ***DARPA***

#### **Space/Time Analysis for Cybersecurity (STAC)**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=264208>

October 28, 2014

#### **Microsystems Technology Office (MTO) Office Wide BAA Grant**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=264610>

September 9, 2016

### ***Navy***

#### **Broad Agency Announcement (BAA) for Naval Surface Warfare Center, Dahlgren Division (NSWCDD) Science and Technology (S&T)**

[https://www.fbo.gov/index?s=opportunity&mode=form&id=d5c9c304e1aba205a50a9d194c7037e6&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=d5c9c304e1aba205a50a9d194c7037e6&tab=core&_cview=0)

September 9, 2015

### ***DOE***

#### **Novel In-Situ Imaging and Measurement Technologies for Biological Systems Science**

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=264552>

December 18, 2014

#### **Advanced Research In Dry-cooling (ARID)**

<https://arpa-e-foa.energy.gov/#FoaId5ff2e41a-bef4-486f-a2d2-f962f4d854e0>

#### **Notice of Intent to Issue Funding Opportunity Announcement: Buildings University Innovators and Leaders Development (BUILD) - 2015**

<https://eere-exchange.energy.gov/#FoaId79590e2f-5f27-46c3-8707-7e45fdca0428>

#### **Notice of Intent to Issue Funding Opportunity Announcement Building Energy Efficiency Frontiers and Innovations (BENEFIT) 2015**

<https://eere-exchange.energy.gov/#FoaIdf2361c74-113d-417c-a904-e0851734b3d9>

### ***NASA***

#### **Land Cover / Land Use Change: Multisource Land Imaging Science**

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={0EAB0FDD-E9C9-B63C-0199-C67632FAD896}&path=open>

NOI Due Date: October 1, 2014. Proposals Due Date: December 1, 2014

## **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)

## ***NIH***

### **Advancing Interventions to Improve Medication Adherence (R01)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-334.html>

October 5, 2014

### **NIAID Career Transition Award (K22)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-341.html>

October 12, 2014

### **Advancing Interventions to Improve Medication Adherence (R21)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-335.html>

October 16, 2014

### **Secondary Analyses of Existing Alcohol Epidemiology Data (R01)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-338.html>

October 24, 2014

### **Secondary Analyses of Existing Alcohol Epidemiology Data (R03)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-337.html>

October 24, 2014

### **Gut-Microbiome-Brain Interactions and Mental Health (R21/R33)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-850.html>

LOI Due Date: October 25, 2014. Application Due Date: November 25, 2014

### **Secondary Analyses of Existing Alcohol Epidemiology Data (R21)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-336.html>

November 25, 2014

### **Global Brain and Nervous System Disorders Research Across the Lifespan (R21)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-331.html>

January 5, 2015; January 5, 2016; January 5, 2017

### **NLM Grants for Scholarly Works in Biomedicine and Health (G13)**

<http://grants.nih.gov/grants/guide/pa-files/PA-14-339.html>

February 20, 2015; February 22, 2016

## ***NSF***

**Dear Colleague Letter: Opportunity to Request Instrumentation Funding for Midscale Level Instrumentation in Physics Division**

[http://www.nsf.gov/pubs/2014/nsf14116/nsf14116.jsp?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2014/nsf14116/nsf14116.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click)

***Foundations***

**Bill & Melinda Gates Foundation Grand Challenges Explorations**

[www.grandchallenges.org/explorations](http://www.grandchallenges.org/explorations)

November 12, 2014

Grand Challenges Explorations seeks innovative global health and development solutions. Applicants can be at any experience level; in any discipline; and from any organization, including universities, government laboratories, research institutions, non-profit organizations as well as for-profit companies. Two-page proposals are being accepted online from September 4, 2014 until November 12, 2014 on the following topics:

- Surveillance Tools, Diagnostics and an Artificial Diet to Support New Approaches to Vector Control.
- New Approaches for Addressing Outdoor/Residual Malaria Transmission
- New Ways to Reduce Pneumonia Fatalities through Timely, Effective Treatment of Children
- Enable Universal Acceptance of Mobile Money Payments to Create an Economic Ecosystem that Will Help Lift the Poorest Out of Poverty
- Explore New Ways to Measure Brain Development and Gestational Age
- New Ways of Working Together: Integrating Community-Based Interventions

Initial grants will be US \$100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to US \$1 million. Full descriptions of the new topics and application instructions are available at: [www.grandchallenges.org/explorations](http://www.grandchallenges.org/explorations). Please contact Deborah Chesky at [cheskd@rpi.edu](mailto:cheskd@rpi.edu) in Corporate and Foundation Relations if you are interested in applying.

*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).*