

Office of Research Newsletter – May 9, 2014

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Part I. News and Announcements

Third Annual Capital Region Commercialization of Life Sciences Innovation Day

Bioconnex will host their 3rd Annual Capital Region Commercialization of Life Sciences Innovation Day on June 6, 2014 at AMRI Corporate Headquarters. The goal of the conference is to showcase life science research and bring together innovative biotechnology researchers and institutions, business executives, academics and possible collaboration partners from within the Capital Region. Last year, more than 130 people attended to hear from speakers on topics from Public Policy to Hot Life Sciences Research in the Capital Region and Venture Capital Funding. The day will also include presentations by industry speakers and networking breaks to cultivate relationships between various levels of industry participants.

The event includes poster presentations by regional biotechnology innovators, in the context of a mock “open market” contest, in which innovators will have the opportunity to showcase their research. “I encourage the scientists and business development teams of the Capital Region institutions and companies that conduct biotechnological research to submit an abstract to the conference. The opportunity to discuss your abstract with business executives and experienced entrepreneurs will be invaluable if you have plans for your research and discoveries beyond academia and a start-up,” said Todd Little, President of Taconic and Chairman of Bioconnex. Research abstracts are currently being accepted and the deadline to submit is May 16.

More at http://www.ceg.org/wp-content/uploads/2014/04/2014_CRCLSID_Call_for_AbstractsGuidelines.pdf

Reminder: Request for Information (RFI): Clean Energy Manufacturing Topics Suitable for a Manufacturing Innovation Institute

The purpose of this RFI is to solicit feedback from industry, academia, research laboratories, government agencies, and other stakeholders on general issues and topics to the establishment of potential Clean Energy Manufacturing Innovation Institutes. If you are interested in responding to the RFI, please inform Nick Viggiani (VIGGIN@rpi.edu) no later than May 19.

The RFI is available at <http://energy.gov/eere/amo/articles/request-information-rfi-clean-energy-manufacturing-topics-suitable-manufacturing>

Reminder: ARPA-E Challenge: Macroscopic Composites with Nanoscale Order

This challenge will focus on ARPA-E's [REACT program](#), which aims to develop cost-effective alternatives to rare earths, or the naturally occurring minerals with unique magnetic properties that are used in electric vehicle motors and wind generators. To help further the objectives of its REACT program, ARPA-E is seeking ideas for materials and processes that could make macroscopic materials with well-defined nanoscale order.

ARPA-E is working with InnoCentive, a leader in crowdsourcing innovation problems, to undertake this challenge. Winners of this crowdsourced challenge could receive up to \$10,000. To learn more and to submit a solution, please visit <https://www.innocentive.com/ar/challenge/9933436>

The deadline for solutions is May 23, 2014.

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

MARK YOUR CALENDAR

May 14, 2014, Microsoft Innovation & Policy Center, Washington, DC

Conversation on Energy: How the Internet of Things Can Build Sustainable 21st Century Communities

Cities face a number of challenges from providing adequate transportation to improving energy efficiency to conserving water. From the smart grid to smart parking, the emergence of the Internet of Things (IoT)—smart, Internet-connected devices—has created new opportunities for cities to leverage technology to offer new services to their citizens, optimize the efficiency of existing services, and improve the overall sustainability of their communities. Learn about how industry leaders are helping cities minimize strain on scarce government resources while engaging citizens and businesses with apps, social media, and collaboration tools that enable real-time access to information and services at the Microsoft Innovation & Policy Center on May 14.

RSVP: www.iplanevents.com/ConversationonEnergy.

May 16, 2014, Microsoft Innovation & Policy Center, Washington, DC
Intelligent Systems and Robotics: How Will These Technologies Interact with Policy?

RSVP: www.iplanevents.com/ConversationonEnergy.

June 30-July 2, 2014, Boston, MA
CSP Symposium at ASME 2014 8th International Conference on Energy Sustainability

More at <http://www.asmeconferences.org/ESFuelCell2014/TechnicalTracks.cfm>

August 17-21, 2014, San Diego, CA
Solar Energy + Technology 2014 Symposium

More at <http://spie.org/x13194.xml>

Part II. Funding Opportunities

DOD

Missile Defense Agency STEM Outreach B.E.S.T. Robotics Grant
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254402>
May 21, 2014

DOD Prostate Cancer Synergistic Idea Development Award
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254792>
Pre-Application Due Date: June 12, 2014. Application Due Date: September 24, 2014

DOD Prostate Cancer Idea Development Award
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254793>
Pre-Application Due Date: June 12, 2014. Application Due Date: September 24, 2014

DOD Prostate Cancer Biomarker Development Award
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254789>
Pre-Application Due Date: June 18, 2014. Application Due Date: September 24, 2014

DOD Peer Reviewed Medical Investigator-Initiated Research Award
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254513>
Pre-Application Due Date: June 20, 2014. Application Due Date: October 17, 2014

DOD Peer Reviewed Medical Clinical Trial Award
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254514>
Pre-Application Due Date: June 25, 2014. Application Due Date: October 17, 2014

DOD Peer Reviewed Medical Technology/Therapeutic Development Award

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254517>

Pre-Application Due Date: June 25, 2014. Application Due Date: October 17, 2014

DOD Peer Reviewed Medical Focused Program Award

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254516>

Pre-Application Due Date: June 25, 2014. Application Due Date: November 13, 2014

DOD Peer Reviewed Medical Discovery Award

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254515>

Pre-Application Due Date: July 16, 2014. Application Due Date: July 30, 2014

AFRL

FY14 Acquisition Research Program

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254736>

White Paper Due Date: June 16, 2014

DARPA

Microsystems Technology Office-Wide BAA

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=197074>

September 1, 2014

Biological Technologies

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254566>

April 30, 2015

ONR

Compact High-Density Tactical Energy Storage

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254797>

White Paper (Encourage) Due Date: June 1, 2014

FY15 Project on Advanced Systems and Concepts for Countering WMD (PASCC)

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254852>

March 31, 2015

DOE

Research and Development Needs and Technical Barriers for Fuel Cells

<https://eere-exchange.energy.gov/#FoaIdd022eee1-3aeb-4312-a790-05dc7e65c941>

June 2, 2014

FY2014 FOA - Environmentally-Prudent Unconventional Resource Development

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254532>

June 27, 2014

NASA

Synopsis for Center Economic Research for Space Development

<https://prod.nais.nasa.gov/cgi-bin/eps/synopsis.cgi?acqid=160104>

Proposal Due Date TBD

NIH

Chronic Wounds: Advancing the Science from Prevention to Healing (R01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-15-001.html>

LOI Due Date: June 24, 2014. Application Due Date: July 24, 2014

HIV Vaccine Research and Design (HIVRAD) Program (P01)

<http://grants.nih.gov/grants/guide/pa-files/PA-R-14-206.html>

LOI Due Date: June 29, 2014. Application Due Date: July 29, 2014

NIMHD Basic and Applied Biomedical Research on Minority Health and Health Disparities (R01)

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

LOI Due Date: July 28, 2014. Application Due Date: August 28, 2014

NIMHD Social, Behavioral, Health Services, and Policy Research on Minority Health and Health Disparities (R01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-14-004.html>

LOI Due Date: July 28, 2014. Application Due Date: August 28, 2014

Pharmacogenomics Knowledge Base (R24)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-15-002.html>

October 7, 2014

DOT

Pre-Solicitation: Advanced, Low-Cost Snowplow Visual Guidance System

https://www.fbo.gov/index?s=opportunity&mode=form&id=f067cc7078a225fa60ecb2bb65bf31c8&tab=core&_cview=0

Proposal Due Date TBD

USDA

Biodiesel Fuel Education Program

http://www.nifa.usda.gov/funding/rfas/pdfs/14_Biodiesel.pdf

June 27, 2014

Competitive Grant to Establish a USDA Center for Behavioral Economics and Healthy Food Choice Research

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=254528>

June 30, 2014

NYSERDA

Transformative Technologies for Energy-Efficient Manufacturing (TTEEM)

<http://www.nysERDA.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-2927-Transformative-Technologies-for-Energy-Efficient-Manufacturing.aspx>

July 15, 2014 (Round 1); January 15, 2015 (Round 2)

NYSERDA invites proposals including:

- Feasibility studies, demonstrations or commercialization of transformative technologies being developed in NYS to be used to provide a significant energy/greenhouse gas (GHG) benefit for a manufacturing process;
- Feasibility studies or demonstrations of transformative technologies that provide a significant energy/GHG benefit to a manufacturing process in NYS.

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.