Office of Research Newsletter – October 3, 2014

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Part I. News and Announcements

Knowledge and Innovation Program's "Three Lunch Deal" Open to Faculty

When: Tuesday, September 30, 2014 - Monday, October 27, 2014 *(all day)*
Where: Various campus buildings/locations

The Office of Research has announced the FY'15 seed grant program known as the Knowledge & Innovation Program (KIP). To facilitate discussion and collaboration among faculty, the Dean's offices of the five schools are sponsoring up to 3 lunches for small groups of faculty (2-4). Groups may still participate even if a letter of intent was not submitted to KIP.

Ready to go to lunch? Interested, but don't have a group with which to collaborate? Contact David Spooner (spoond@rpi.edu).

More at http://events.rpi.edu/event/showEventMore.rdo

NIH Operates Under a Continuing Resolution

The Department of Health and Human Services (HHS), including NIH, operates under the Continuing Appropriations Act, 2015 signed by President Obama on September 19, 2014. This Act (CR) continues government operations through December 11, 2014 at 99.9 percent of the FY 2014 enacted level.

Continuing the procedures identified under NOT-OD-14-055 and consistent with NIH practices during the CRs of FY 2006 – 2014, the NIH will issue non-competing research grant awards at a

level below that indicated on the most recent Notice of Award (generally up to 90% of the previously committed level). Upward adjustments to awarded levels will be considered after FY 2015 appropriations are enacted.

More at http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-001.html

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New York State Pollution Prevention Institute (NYSP2I) Research & Development Program Request for Proposals (RFP)

NYSP2I's R&D Program focuses on applied research — research that will lead to more immediate solutions to keep New York State companies competitive in the marketplace while reducing their environmental footprint. These R&D projects will be instrumental in bringing innovative pollution prevention technologies to market. R&D projects are conducted at NYSP2I's four partner universities: Rochester Institute of Technology (RIT), Clarkson University (Clarkson), Rensselaer Polytechnic Institute (RPI), and the State University at Buffalo (UB).

The RFP is available at
http://www.rit.edu/affiliate/nysp2i/sites/rit.edu.affiliate.nysp2i/files/p2i_rfp-2014-final.pdf

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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

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

FY15 Broad Agency Announcement for Extramural Medical Research
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267548
September 30, 2015

AFRL

Materials Research and Survivability Studies
https://www.fbo.gov/index?s=opportunity&mode=form&id=48c6cc1209e7999680ca81a6851b2ff9&tab=core&_cview=0
November 12, 2014

Fiscal Year (FY) 2015 Department of Defense Multidisciplinary Research Program of the University Research Initiative - Air Force Applications Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267248
White Paper Due Date: November 24 2014

DARPA

SafeWare
https://www.fbo.gov/index?s=opportunity&mode=form&id=a303af332a90b1e84fdb91d7dd382396&tab=core&_cview=0
November 18, 2014

Cyber Fault-tolerant Attack Recovery
https://www.fbo.gov/index?s=opportunity&mode=form&id=051dbeb72f2ba2385ff047c0a2617ccf&tab=core&_cview=0
November 19, 2014

Navy

Long Range BAA for Navy and Marine Corps Science and Technology Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267270
September 30, 2015

DOE

Targeted Algal Biofuels and Bioproducts (TABB)
https://eere-exchange.energy.gov/#FoaId561a56f3-f75c-4edc-b9f2-074b6fc76a13
Concept Paper Due Date: October 30, 2014

Advanced Research in Dry-Cooling (ARID)
https://arpa-e-foa.energy.gov/#FoaIdfba1c006-c1b0-4f5d-8522-3f814a217edd
Concept Paper Due Date: November 10, 2014

Transportation Energy Resources from Renewable Agriculture (Terra)
https://arpa-e-foa.energy.gov/#FoaIdfba1c006-c1b0-4f5d-8522-3f814a217edd
Concept Paper Due Date: November 17, 2014

Systems Biology Research to Advance Sustainable Bioenergy Crop Development
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267590
January 16, 2015

FY 2015 Continuation of Solicitation for the Office of Science Financial Assistance Program
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267589
September 30, 2015

NASA

NASA Innovative Advanced Concepts: Phase I Studies - 2015 Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267828
November 12, 2014 (Step A)

NIH

Facile Methods and Technologies for Synthesis of Biomedically Relevant Carbohydrates (U01)
http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-015.html
LOI Due Date: November 10, 2014. Application Due Date: December 10, 2014

Novel and Innovative Tools to Facilitate Identification, Tracking, Manipulation, and Analysis of Glycans and their Functions (U01)
http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-013.html
LOI Due Date: November 10, 2014. Application Due Date: December 10, 2014

Novel and Innovative Tools to Facilitate Identification, Tracking, Manipulation, and Analysis of Glycans and their Functions (R21)
http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-014.html
LOI Due Date: November 10, 2014. Application Due Date: December 10, 2014

Children's Environmental Health and Disease Prevention Research Centers (P50)
http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-002.html
LOI Due Date: November 22, 2014. Application Due Date: December 22, 2014

Specialized Programs of Research Excellence (SPOREs) in Human Cancers for Years 2015 and 2016 (P50)
http://grants.nih.gov/grants/guide/pa-files/PAR-14-353.html
January 27, 2015; May 19, 2015; September 22, 2015; January 27, 2016; May 19, 2016; September 22, 2016,

Resource Program Grants in Bioinformatics (P41)
http://grants.nih.gov/grants/guide/pa-files/PAR-14-357.html
January 25, 2015

Innovative Research in HIV in Kidney, Urology and Hematology (R01)
http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-020.html
LOI Due Date: March 9, 2015. Application Due Date: April 9, 2015

NSF

Chemistry of Life Processes (CLP)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503417&WT.mc_id=USNSF_39&WT.mc_ev=click
October 1, 2014 - October 31, 2014; October 1 - October 31, Annually Thereafter; October 1, 2015 - November 2, 2015; October 1 - October 31, Annually Thereafter

Division of Physics: Investigator-Initiated Research Projects (PHY)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505058&WT.mc_id=USNSF_39&WT.mc_ev=click
Physics of Living Systems: October 22, 2014; Fourth Wednesday in October, Annually Thereafter. Experimental Atomic Molecular and Optical Physics; Nuclear Physics; Elementary Particle Physics; Particle Astrophysics; Theoretical Atomic, Molecular, Optical and Plasma Physics; Gravitational Physics; and Education and Interdisciplinary Research: October 29, 2014; Last Wednesday in October, Annually Thereafter. Theoretical Nuclear Physics: November 14, 2014; Second Friday in November, Annually Thereafter. Theoretical Elementary Particle

Physics; Theoretical Astrophysics and Cosmology; Physics at the Information Frontier (Computational Physics, Quantum Information Science): December 4, 2014; First Thursday in December, Annually Thereafter. Accelerator Science: February 4, 2015; First Wednesday in February, Annually Thereafter

Emerging Frontiers in Research and Innovation 2015 (EFRI-2015)
http://www.nsf.gov/pubs/2015/nsf15502/nsf15502.htm?WT.mc_id=USNSF_179
LOI Due Date: November 7, 2014; Preliminary Proposal Due Date: January 9, 2015; Full Proposal Due Date: March 30, 2015

Integrative Strategies for Understanding Neural and Cognitive Systems Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267188
LOI Due Date: December 10, 2014. Full Proposal Due Date: January 26, 2015

Partnerships for Innovation: Accelerating Innovation Research- Research Alliance Grant
http://www.grants.gov/web/grants/view-opportunity.html?oppId=267269
LOI Due Date: January 12, 2015. Full Proposal Due Date: February 18, 2015

Division of Environmental Biology (Core Programs) (DEB)
http://www.nsf.gov/pubs/2015/nsf15500/nsf15500.htm?WT.mc_id=USNSF_25&WT.mc_ev=click
Preliminary Proposal Due Dates: January 23, 2015; January 23, Annually Thereafter. Full Proposal Due Dates: August 3, 2015; August 2, Annually Thereafter

EPA

Cooperative Training Partnership in Environmental Health Sciences Research
http://www.epa.gov/ncer/rfa/2015/2015-nheerl.html
November 11, 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.