

Office of Research Newsletter – May 23, 2014

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Part I. News and Announcements

Funding Opportunity for Faculty-Led Student Engineering Design Teams for the 2014/2015 Academic Year

Lawrence Berkeley National Laboratory's Energy Efficiency Standards Group announced the third year of the Max Tech and Beyond Design Competition for Ultra-Low-Energy-Use Appliances and Equipment. The goals of the competition are to drive energy efficiency innovation in appliances and equipment used in and around U.S. buildings and to support the development of the next generation of appliance and equipment design engineers who consider ultra-efficiency a foundational design principle. The competition supports student design teams at U.S. universities to develop and test prototypes with large energy savings potential, and to greatly reduce the cost of existing ultra-efficient designs. Proposal Due Date: July 7, 2014

For more information, please visit <http://maxtechandbeyond.lbl.gov/>

New Areas of Interest for the Congressionally Directed Medical Research Programs Peer Reviewed Cancer Research Program

1. Cancers related to radiation exposure:

Investigations into cancers related to radiation exposure should include research directed to improve the understanding of elevated cancer risk among military service members exposed to increased levels of ionizing radiation including:

- * Modulation by host factors
- * Occupational and environmental exposure

- * Assessment of risk among active duty and Veterans
- * Routes of exposure
- * Dose and risk estimates

2. Myeloproliferative disorders: Studies within the scope of myeloproliferative disorders as defined by the National Cancer Institute

(<http://www.cancer.gov/cancertopics/types/myeloproliferative>)

CDMRP has allocated \$25M in funds to this program. Information on the submission process and details on the applications can be found at: <http://cdmrp.army.mil/funding/prcrp.shtml>

Pre-applications are due by June 10, 2014.

GRC Call for White Papers in Environment, Safety & Health - Deadline June 16, 2014

Nanomanufacturing Sciences of the Semiconductor Research Corporation (SRC) Global Research Collaboration (GRC) is soliciting white papers in Environment, Safety & Health. Two-page white papers proposing university research to address semiconductor industry needs, as specified in the solicitation's Research Needs Document, can be uploaded until 3 PM ET/12 PM PT, on Monday, June 16, 2014. A successful White Paper will be invited to submit a full proposal for further consideration; proposals chosen for funding will be part of SRC's Engineering Research Center for Environmentally Benign Semiconductor Manufacturing, with research projects targeted to begin January 1, 2015. More at <http://www.src.org/compete/s201407/>

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

MARK YOUR CALENDAR

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>

July 17, Bethesda, MD

Medical Scientist Training Program 50th Anniversary Symposium

Register at <http://meetings.nigms.nih.gov/index.cfm?event=registration&ID=18184>

You can also watch the event live at <http://videocast.nih.gov>.

August 17-21, 2014, San Diego, CA

Solar Energy + Technology 2014 Symposium

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

Part II. Funding Opportunities

DOD

DOD Rapid Innovation Fund FY2014

https://www.fbo.gov/index?s=opportunity&mode=form&id=489ed181cac23c0e5a438b6d0517270a&tab=core&_cview=0

July 21, 2014

DOD Lung Cancer Concept Award

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255571>

Pre-Application Due Date: July 29, 2014. Application Due Date: August 12, 2014

AFRL

Pre-solicitation: Development of Bulk Gallium Oxide Substrates

https://www.fbo.gov/index?s=opportunity&mode=form&id=d7d5609c0e1265c646f8bf4f75bf416b&tab=core&_cview=0

Proposal Due Date TBD

Army

Army Research Institute for the Behavioral & Social Sciences Request for White Papers: Mitigating Simulator Sickness to Enhance Readiness, Acceptance, & Safety with the Use of Head-Mounted Display Training

https://www.fbo.gov/index?s=opportunity&mode=form&id=45a4d7048a2aacce4c9f9bb88d4b2dfe&tab=core&_cview=0

July 1, 2014

ONR

CRNBAA14-002 Basic Research Opportunity

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255270>

June 16, 2014

NASA

Heliophysics Technology and Instrument Development for Science

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={140DFC9E-037D-F799-0D41-8BFDF7C15695}&path=open>

June 13, 2014 (Step 1); August 15, 2014 (Step 2)

Planetary Protection Research

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={B625D578-61B1-09BE-7A15-7D3402ECFD73}&path=open>

NOI Due Date: June 27, 2014. Proposal Due Date: September 5, 2014

Human Exploration Research Opportunities

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=237681>

September 4, 2014

NIH

Advancing Research in Voice Disorders (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-236.html>

June 5, 2014

Advancing Research in Voice Disorders (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-235.html>

June 16, 2014

Development of an Integrated Mathematical Model for Comparative Characterization of Complex Molecules (U01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-14-082.html>

June 30, 2014

Development of Process Simulation and Modeling Tools for Integrated Pharmaceutical Manufacturing Processes (U01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-14-083.html>

June 30, 2014

IDEA Networks of Biomedical Research Excellence (INBRE) [P20]

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-233.html>

July 29, 2014; May 27, 2015; May 26, 2016

NIH Science Education Partnership Award (SEPA) (R25)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-228.html>

July 30, 2014; June 22, 2015; June 22, 2016

NIOSH Support for Conferences and Scientific Meetings (U13)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-229.html>

August 12, 2014

NEI Center Core Grant for Vision Research (P30)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-232.html>

September 30, 2014; September 30, 2015; September 30, 2016

Silvio O. Conte Digestive Diseases Research Core Centers (P30)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-012.html>

LOI Due Date: October 19, 2014. Application Due Date: November 19, 2014

Nutrition Obesity Research Centers (NORCs) (P30)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-002.html>

November 25, 2014; June 18, 2015

NSF

Manufacturing Machines and Equipment

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255334>

September 1, 2014 - September 15, 2014; September 1 - September 15, Annually Thereafter;
February 1, 2015 - February 17, 2015; February 1 - February 15, Annually Thereafter

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM)

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255830>

October 3, 2014

Arch - Doctoral Dissertation Research Improvement Awards

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255494>

Proposals Accepted Anytime

ED

Fulbright-Hays Doctoral Dissertation Research Abroad (DDRA) Fellowship Program Grant

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255474>

June 24, 2014

EPA

Air, Climate and Energy Centers: Science Supporting Solutions

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255337>

September 4, 2014

USDA

Special Research Grants Program - Aquaculture Research

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=255574>

June 23, 2014

NYSERDA

Acid Deposition and Mercury Research in New York State PON 2912

<http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-2912-Acid-Deposition-and-Mercury-Research-in-New-York-State.aspx>

June 30, 2014

NYSERDA's Environmental Research Program seeks to increase the understanding and awareness of the environmental impacts of energy choices and emerging energy options. In

doing so, it also seeks to provide a scientific, technical foundation for formulating effective, equitable, energy-related environmental policies and resource management practices.

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.