

Office of Research Newsletter – February 28, 2014

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Part I. News and Announcements

Reminders from NSF: Research Opportunities in Europe for NSF CAREER Awardees and NSF Postdoctoral Research Fellows

To further scientific and technological cooperation between the European Community and the United States, an Implementing Arrangement was signed on July 13, 2012 to enable U.S.-based scientists and engineers with NSF-funded CAREER awards and Postdoctoral Research Fellowships to pursue research collaboration with European colleagues supported through EU-funded European Research Council (ERC) grants.

Connecting researchers with complementary strengths and shared interests promotes scientific progress in solving some of the world's most vexing problems. The international research opportunities are mutually beneficial to the U.S. participants and their hosts through cooperative activities during research visits and also by establishing international research partnerships to enrich future research activities in Europe and the U.S.

Under the Arrangement, the ERC Executive Agency (ERCEA) identifies ERC-funded research groups who wish to host CAREER awardees for research visits of up to one year within their ERC funding. NSF invites current CAREER awardees to apply for research visits to any

identified, appropriate European research group. ERCEA is hosting a password-protected website that lists the ERC-funded principal investigators and research teams interested in hosting NSF CAREER awardees. The website will be updated each year by December 1st for visits in the following calendar year. CAREER awardees should request the website address and password from their cognizant NSF Program Officers and then communicate directly with ERC PIs to ascertain areas of mutual interest and research goals for a visit. They then must discuss their plans for their visits with their cognizant NSF Program Officers prior to submitting a supplemental funding request. If approved by NSF, the request is forwarded to ERCEA for review and confirmation with the ERC-funded project.

CAREER awardees will continue to receive NSF funding during the period of the European visit, and their salaries will be covered in accordance with the award terms and conditions. NSF will provide supplemental funding to the CAREER award for the foreign travel expenses of the awardee for short-term visits and, if requested, for the awardee plus qualified family members (as defined in the Federal travel regulations) for long-term visits.

The deadline for European research opportunity supplements is April 1, 2014.

More at

http://www.nsf.gov/pubs/2014/nsf14039/nsf14039.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

A similar Dear Colleague Letter: Research Opportunities in Europe for NSF Postdoctoral Research Fellows is available at

http://www.nsf.gov/pubs/2014/nsf14040/nsf14040.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

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 6-8, 2014, Wilmington, Delaware

The 16th Meeting of the Symposium on Polymers for Microelectronics

More at <http://www.symposiumonpolymers.com/>

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

DTRA BAA: New Initiatives for Nuclear Technologies Detection Division

https://www.fbo.gov/index?s=opportunity&mode=form&id=89c7534d5a0bd0d676a879271b58b090&tab=core&_cview=0

March 27, 2014

AFRL

Cryptologic and Cyber Systems Division BAA

https://www.fbo.gov/index?s=opportunity&mode=form&id=b479bf859f393536f15873a5196a3013&tab=core&_cview=0

February 25, 2015

DARPA

Mining and Understanding Software Enclaves

https://www.fbo.gov/index?s=opportunity&mode=form&id=310d5e7894cdc91f749c046626d0af6c&tab=core&_cview=0

April 15, 2014

Distributed Battle Management Program

https://www.fbo.gov/index?s=opportunity&mode=form&id=4190e31c148af1982af535ace9ba8c4c&tab=core&_cview=0

August 20, 2014

Navy

FY 15 Communications and Networking Discovery and Invention

https://www.fbo.gov/index?s=opportunity&mode=form&id=262e422ff3d28253d3e9446f3ffcae24&tab=core&_cview=0

White Paper Due Date: April 16, 2014. Full Proposal Due Date: June 30, 2014

FY14 MASINT Emerging Technologies Research Program

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251761>

September 30, 2014

DHS

DHS S&T Long Range BAA

https://www.fbo.gov/index?s=opportunity&mode=form&id=5f2eabdf6207bf8e46a7b2102ad26e66&tab=core&_cview=0

December 31, 2018

DOE

Integrated Enhanced Geothermal Systems Research and Development

<https://eere-exchange.energy.gov/#FoaId55e2762f-f659-4316-b0a4-5b3fbd01b84b>

Concept Paper Due Date: March 21, 2014. Full Application Due Date: April 30, 2014

Bioenergy Technologies Incubator

<https://eere-exchange.energy.gov/#FoaId28e0ebed-de32-4b3a-97f3-4184df7f5420>

Concept Paper Due Date: March 31, 2014. Full Application Due Date: May 23, 2014

Advanced Gasification and Novel Transformational Coal Conversion Technologies Development

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251660>

April 18, 2014

Scientific Discovery through Ultrafast Materials and Chemical Sciences

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251577>

April 21, 2014

Clean Energy Manufacturing Innovation Institute for Composite Materials and Structures

<https://eere-exchange.energy.gov/Default.aspx#FoaId72dc3a64-6537-4d57-b524-e2778bc65e03>

Concept Paper Due Date: April 22, 2014. Full Application Due Date: June 19, 2014

Commercial Building Technology Demonstrations

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251929>

May 19, 2014

NASA

IceBridge Research

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={2164038A-E06D-0B83-8500-926724A799A2}&path=open>

May 1, 2014

Atmospheric Composition: Spectral Climate Signal

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={7090E288-C222-95B9-8051-4F8290FD76EE}&path=open>

May 1, 2014

NIH

Request for Information (RFI): Challenges and Opportunities in Understanding Genome Structure/Function Relationships

<http://grants.nih.gov/grants/guide/notice-files/NOT-RM-14-010.html>

March 10, 2014

Initiative for Maximizing Student Development (IMSD) (R25)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-121.html>

May 1, 2014; January 26, 2015; January 25, 2016

Silvio O. Conte Centers for Basic or Translational Mental Health Research (P50)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-120.html>

May 25, 2014; May 25, 2015; May 25, 2016

Quantitative Imaging for Evaluation of Response to Cancer Therapies (U01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-116.html>

June 5, 2014

Behavioral Interventions to Address Multiple Chronic Health Conditions in Primary Care (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-114.html>

June 5, 2014

Consortium for Food Allergy Research (U19)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-003.html>

June 19, 2014

Design and Development of Novel Technologies for Healthy Independent Living (R21)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-119.html>

September 23, 2014; September 23, 2015; September 23, 2016

Technologies for Healthy Independent Living (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-118.html>

September 23, 2014; September 23, 2015; September 23, 2016

NSF

Limited Solicitation: Nanotechnology Undergraduate Education (NUE) in Engineering

http://www.nsf.gov/pubs/2014/nsf14541/nsf14541.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

May 27, 2014. Please contact Jack Huang if you are interested in applying.

DOC

2014 Bycatch Reduction Engineering Program (BREP)

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251806>

Pre-proposal Due Date: March 21, 2014

Measurement Science and Engineering (MSE) Research Grant Programs

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251835>

March 31, 2014

DOJ

NIJ FY 14 Graduate Research Fellowship Program in the Social and Behavioral Sciences

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251814>

May 12, 2014

NIJ FY 14 W.E.B. Du Bois Fellowship for Research on Race, Gender, Culture, and Crime

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251832>

May 12, 2014

DOT

RFI: Novel Surface Transportation Systems

https://www.fbo.gov/index?s=opportunity&mode=form&id=8a4a7a48b35217eea23420f83b4b78b3&tab=core&_cview=0

March 24, 2014

Advancing Transportation Planning Through Innovation & Research

https://www.fbo.gov/index?s=opportunity&mode=form&id=46b5c187590e07a4ee6a60f6593a6b84&tab=core&_cview=0

April 23, 2014

ED

Office of Innovation and Improvement (OII): Arts in Education Model Development and Dissemination Program

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251773>

April 28, 2014

NEH

Preservation and Access Education and Training

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251813>

May 1, 2014

Preservation and Assistance Research and Development

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251815>

May 1, 2014

USDA

Agriculture and Food Research Initiative: Water for Agriculture Challenge Area

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251746>

LOI Due Date: April 17, 2014. Application Due Date: August 13, 2014

NYS

Ultraviolet and Electron Beam Process Innovation and Market Transformation (PON 2858)

<http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-2858-Ultraviolet-and-Electron-Beam-Process-Innovation-and-Market-Transformation.aspx>

April 30, 2014 (Round 1); October 15, 2014 (Round 2)

The New York State Energy Research and Development Authority (NYSERDA) invites proposals for projects that develop, demonstrate or commercialize innovative radiation-cure technologies, comprising ultraviolet, visible light and/or electron beam, that provide an energy benefit to a manufacturing process in New York State.

New York Sea Grant Possible Funding Opportunity

<http://www.seagrant.sunysb.edu/funding/pdfs/OOCGuidelines.pdf>

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.