

Office of Research Newsletter – December 5, 2014

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Part I. News and Announcements

NSF Dear Colleague Letter: Increasing College Opportunity through Improved Mathematics Success in the First Two Years of College

This Dear Colleague Letter (DCL) highlights funding opportunities for innovative, early-stage work to improve success in mathematics in the first two years of college. This includes studies on ways to improve the learning of the content of developmental mathematics, independent of setting, and design and development work on interventions and tools, including technology-enhanced learning approaches. Researchers are invited to submit supplemental funding requests for existing awards; to use the EARly-concept Grants for Exploratory Research (EAGER) funding mechanism, which supports exploratory work in its early stages on untested, but potentially transformative, research ideas or approaches; or submit proposals for conferences to support the following types of activities:

- Design and development work to pilot innovations with high impact potential for helping students learn the mathematics generally taught in the first two years of both 2-year and 4-year postsecondary institutions;
- Conferences in 2015 on using research to improve student success in the mathematics generally taught in the first two years in the first two years of college.

The DCL is expected to be in effect from December 4, 2014, through May 1, 2015. All proposals should be submitted by May 1, 2015.

More at http://www.nsf.gov/pubs/2015/nsf15026/nsf15026.jsp?WT.mc_id=USNSF_80

NIH Modification to Guidance on Marking Changes in Resubmission Applications

This Notice informs the applicant community of a modification for how NIH would like applicants to mark changes in their Resubmission applications. NIH has removed the requirement to identify “substantial scientific changes” in the text of a Resubmission application by “bracketing, indenting, or change of typography”.

Effective immediately, it is sufficient to outline the changes made to the Resubmission application in the Introduction attachment. The Introduction must include a summary of substantial additions, deletions, and changes to the application. It must also include a response to weaknesses raised in the Summary Statement. The page limit for the Introduction may not exceed one page unless indicated otherwise in the Table of Page Limits.

More at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-030.html>

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

MARK YOUR CALENDAR

February 4-5, 2015, 2015 Naval Future Force Science & Technology Expo, Washington, D.C.

The Naval Future Force Science & Technology (S&T) Expo is the premiere event sponsored by the Office of Naval Research (ONR). Formerly titled ONR S&T Partnership Conference, it provides access to naval leaders who will discuss the objectives of the revised Naval S&T Strategy; the status of key programs; and new research opportunities within the Navy and Marine Corps community.

More at https://www.fbo.gov/index?s=opportunity&mode=form&id=fd61fc8b4c98a2e0d87d4f6980658e59&tab=core&_cvview=0

Part II. Funding Opportunities

DOD

DOD FY14 Defense Medical Research and Development Program Team Performance Training Research Initiative Grant

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=270153>

April 9, 2015

FY2011-2016 Basic Research for Combating Weapons of Mass Destruction (C-WMD) Broad Agency Announcement (BAA) Modification 4

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=75633>

Proposal Due Date TBD

DARPA

Target Recognition and Adaption in Contested Environments

https://www.fbo.gov/index?s=opportunity&mode=form&id=01c6f351f338292f6c50a90cdee50a65&tab=core&_cview=0

January 29, 2015

Navy

Naval Platform Power and Energy

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269903>

White Paper Due Date: December 22, 2014

X-Ray Imaging Systems for Security Screening

https://www.fbo.gov/index?s=opportunity&mode=form&id=850337650a25d13bd5a3a3cfbcda8586&tab=core&_cview=0

January 5, 2015

DOE

Physics of Reliability: Evaluating Design Insights for Component Technologies in Solar 2 (PREDICTS2)

<https://eere-exchange.energy.gov/default.aspx#FoaId9b10c31e-e6ba-4669-bfbd-9fb461a87e96>

Concept Paper Due Date: January 7, 2015. Full Application Due Date: March 12, 2015

Plant Feedstock Genomics for Bioenergy: A Joint Research Funding Opportunity Announcement USDA, DOE Grant

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269801>

February 23, 2015

The Resilient Electricity Delivery Infrastructure (REDI) Initiative

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=270074>

March 4, 2015

Exploratory Research for Extreme-Scale Science

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269957>

March 19, 2015

NIH

Request for Information (RFI): Challenges and Opportunities for Exploring and Understanding the Epitranscriptome

<http://grants.nih.gov/grants/guide/notice-files/NOT-RM-15-007.html>

January 10, 2015

Systems Science and Health in the Behavioral and Social Sciences (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-048.html>

February 5, 2015

High Priority Immunology Grants (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAS-15-055.html>

February 5, 2015

Underactive Bladder in Aging (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-15-049.html>

February 5, 2015

Underactive Bladder in Aging (R03)

<http://grants.nih.gov/grants/guide/pa-files/PA-15-050.html>

February 16, 2015

Underactive Bladder in Aging (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-15-051.html>

February 16, 2015

Systems Science and Health in the Behavioral and Social Sciences (R21)

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-047.html>

February 16, 2015

NIH Big Data to Knowledge (BD2K) Initiative Research Education: Open Educational Resources for Sharing, Annotating and Curating Biomedical Big Data (R25)

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

LOI Due Date: February 17, 2015. Application Due Date: March 17, 2015

NIH Big Data to Knowledge (BD2K) Initiative Research Education: Massive Open Online Course (MOOC) on Data Management for Biomedical Big Data (R25)

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

LOI Due Date: February 17, 2015. Application Due Date: March 17, 2015

Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research (K01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-16-006.html>

February 18, 2015; October 15, 2015; February 18, 2016; October 15, 2016; February 18, 2017; October 15, 2017

Innovative Measures of Oral Medication Adherence for HIV Treatment and Prevention (R01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-071.html>

LOI Due Date: February 25, 2015. Application Due Date: March 25, 2015

Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21)

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-053.html>

June 22, 2015; November 30, 2015; June 22, 2016; November 30, 2016; June 22, 2017; November 30, 2017

NSF

Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

http://www.nsf.gov/pubs/2015/nsf15526/nsf15526.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

LOI Due Dates: January 5, 2015; August 14, 2015. Full Proposal Due Dates: March 16, 2015; October 5, 2015

Engineering for Natural Hazards (ENH)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505177&WT.mc_id=USNSF_25&WT.mc_ev=click

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

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

http://www.nsf.gov/pubs/2015/nsf15523/nsf15523.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

February 23, 2015

Cyber-Innovation for Sustainability Science and Engineering

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269857>

February 24, 2015

Limited Solicitation: Materials Innovation Platforms (MIP)

http://www.nsf.gov/pubs/2015/nsf15522/nsf15522.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

March 2, 2015

Research Coordination Networks (RCN)

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=270014>

RCN-UBE & UBE Incubator Track: March 2, 2015; January 6, 2016; January 4, 2017. General (non-targeted) RCN: Proposals Accepted Anytime

EPA

Student Program for Environmental Excellence in Design

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=270026>

January 23, 2015

Environmental Education Model Grants Program -- Solicitation Notice for 2014 Grant
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269850>

February 2, 2015

NEH

Summer Seminars and Institutes

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269889>

February 24, 2015

Landmarks of American History and Culture: Workshops for School Teachers Grant

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269890>

February 24, 2015

Public Scholar Program

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=269952>

March 3, 2015

USAID

Call for Partnership Concept Papers for the Partnering to Accelerate Entrepreneurship (PACE) Initiative Grant

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=270071>

February 27, 2015

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.