

Office of Research Newsletter – February 14, 2014

Table of Contents

[Part I. News and Announcements](#)

[Mark your calendar](#)

[Part II. Funding Opportunities](#)

[DOD](#)

[AFRL](#)

[Army](#)

[DHS](#)

[DOE](#)

[NIH](#)

[NSF](#)

[DOJ](#)

[NEH](#)

[Foundations](#)

Part I. News and Announcements

NIGMS Feedback Loop: Funding Trends and Factors Affecting Success Rate

The National Institute of General Medical Sciences (NIGMS), one of the National Institutes of Health, recently posted online some detailed analysis on the success rate of grant applications to the institute.

The article provides data of the success rate for Fiscal Years 2000-2013 (37-38% between Fiscal Years 2000 and 2003; 26% in 2006; 33% in 2007; the success rate for R01s dropped to 21% during the period of 2008 to 2013).

One reason the success rate has fallen is that the number of applications increased between Fiscal Years 2002-2005 and then again between Fiscal Years 2010-2013. Similar trends are seen NIH-wide and are the result of a 50% increase in the number of investigators applying for grants along with a smaller increase in the average number of applications submitted per investigator.

Another factor that influences the success rate is the number of noncompeting awards. The more noncompeting awards needed to make in a given year, the fewer competing grants can be funded. The institute's budget is also a factor in determining the success rate.

More at <https://loop.nigms.nih.gov/index.php/2014/02/11/funding-trends-and-factors-affecting-success-rate>

Special Calls for Proposals by the US-Israel Binational Science Foundation

The US-Israel Binational Science Foundation (BSF) has issued two new calls for proposals in its special programs:

1. Transformative Science, a special program for ground breaking ideas in scientific research:
<http://www.bsf.org.il/data/FormsToDownload/BSF-Transformative-Call.pdf>

2. Prof. R. Rahamimoff Travel Grants for Young Scientists, a special program supporting short and research related trips of young American scientists to Israel, and young Israeli scientists to the US:

<http://www.bsf.org.il/data/FormsToDownload/BSF-TravelGrant-call.PDF>

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

DOD FY14 Combat Casualty Training Initiative Virtual Tissue Advancement Research Program

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251302>

Pre-application Due Date: April 2, 2014; Full Application Due Date: June 23, 2014

AFRL

Human-Centered Intelligence, Surveillance & Reconnaissance (ISR) Leveraged Science & Technology (S&T) Program

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251243>

February 12, 2018

Army

Army Research Institute for the Behavioral and Social Sciences Request for White Papers- White Paper Topic: Leader Effectiveness for Advancing Performance through Unit Processes

https://www.fbo.gov/index?s=opportunity&mode=form&id=f1e4a031bc0f420b0a0a2fe76df8077d&tab=core&_cview=0

February 25, 2014

Army Research Institute for the Behavioral and Social Sciences Request for White Papers- White Paper Topic: Leading Organizational Transformation: Leader Strategies for Creating an Inclusive Environment

https://www.fbo.gov/index?s=opportunity&mode=form&id=429944d4b408877eb91e68d4f83d1140&tab=core&_cview=0

February 28, 2014

Army Research Institute for the Behavioral and Social Sciences Request for White Papers- White Paper Topic: Sociocultural Systems Practical Exercises

https://www.fbo.gov/index?s=opportunity&mode=form&id=2ee3c0a16fa7c6e9f37eccec98055a3d&tab=core&_cview=0

March 7, 2014

DHS

Advanced Imaging Technologies RFI

https://www.fbo.gov/index?s=opportunity&mode=form&id=81b7a2d187e6e3d4793ca291b04f2144&tab=core&_cview=0

March 11, 2014

DOE

Research and Development for Next Generation Nuclear Physics Accelerator Facilities

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251201>

April 21, 2014

Notice of Intent to Issue FOA Bioenergy Technologies Incubator

<https://eere-exchange.energy.gov/#FoaId1d51bb4-7714-4e29-91fb-64838513feb8>

Proposal Due Date TBD

NIH

Request for Information (RFI): Advanced Development of Multiplex Diagnostic Platforms for Infectious Diseases

<http://grants.nih.gov/grants/guide/notice-files/NOT-AI-14-037.html>

February 24, 2014

Empirical Research on Ethical Issues Related to Central IRBs and Consent for Research Using Clinical Records and Data (R01)

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

April 18, 2014

Eradication of HIV-1 from Central Nervous System Reservoirs (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-095.html>

May 7, 2014

HIV Infection of the Central Nervous System (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-094.html>

May 7, 2014

NSF

Broadening Participation in Engineering

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251093>

May 1, 2014

CubeSat-based Science Missions for Geospace and Atmospheric Research Grant

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251200>

May 12, 2014

Mechanics of Materials

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251286>

October 1, 2014

DOJ

NIJ FY 14 Testing Geospatial Predictive Policing Strategies

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251248>

April 25, 2014

NEH

Awards for Faculty

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251234>

April 15, 2014

Fellowships

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251289>

May 1, 2014

Fellowships for Advanced Social Science Research on Japan

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=251290>

May 1, 2014

Foundations

March of Dimes Foundation

- ***Year 2015 March of Dimes (MOD) Research Program Request for Proposals***

MOD invites all qualified scientists with faculty appointments or the equivalent, at universities, hospitals and research institutions (not for profit or profit), to submit applications for research grants relevant to MOD's mission. This encompasses basic biological processes governing differentiation and development, genetics and genomics of these processes, clinical studies, reproductive health and environmental toxicology, and social and behavioral studies concerning cognitive and behavioral risks that affect outcomes of pregnancy, the perinatal period, and subsequent child development. Applications will be directed to one of three committees whose respective foci are:

- Cell Lineage and Differentiation
- Gene Discovery and Translational Medicine
- Social and Behavioral Sciences.

- ***Request for Proposals: Basil O'Connor Starter Scholar Research Award 2015 Program***

This award is designed to support young scientists just embarking on their independent research careers. The applicants' research interests should be consonant with those of the MOD's mission. Relevance is interpreted broadly to include fundamental cell biology (embryogenesis, cell lineage, differentiation), genetics and genomics, fundamental cellular and clinical pathogenesis of disorders of importance to mothers and infants, biomedical engineering and imaging, and social and behavioral aspects.

- ***Request for Proposals for the Prematurity Research Initiative 2015 Program***

Emphasis is upon proposals using technology of or encompassing contemporary technology of genetic, molecular biology and gene-environment interactions. Especially encouraged are proposals from established investigators heretofore not involved in prematurity prevention research and wishing to enter the prematurity domain.

More at

http://researchgrants.marchofdimes.com/Easygrants_Web_MOD/Implementation/Modules/Login/LoginModuleContent.aspx?Config=LoginModuleConfig&Page=Login

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.