

July 2014 Issue



Happy and Safe
4th of July!

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DoR hosts Small Business Innovation Research (SBIR)/ Small Business Technology Transfer (STTR) Workshops

By Robyn Nissim

FIU's Division of Research (DoR) in collaboration with the Miami Dade Entrepreneurial Development Organization (MEDO) hosted two SBIR/STTR workshops: a Phase 0 Pilot program and a Phase I proposal preparation workshop. For FIU researchers SBIR/STTR represents an exciting opportunity to promote collaboration among colleges, access additional sources of translational funding, seek industry-academia partnerships and facilitate funding of startup companies.

On June 18, Dave Kershaw, executive director of MEDO, gave an introduction to the SBIR/STTR Programs. He also discussed the SBIR/STTR [Phase 0 Pilot Program](#), a program offered by Enterprise Florida, the official economic development organization for the State of Florida, for companies intending to submit a SBIR or STTR application(s). Kershaw hopes that these workshops will help stimulate more startup businesses in the county.

Product commercialization is 50 percent of the grade for new SBIR/STTR proposals at the National Science Foundation and Department of Energy, said Jim Greenwood of the Greenwood Consulting Group.

So the first thing you should ask yourself when preparing to submit a funding application is "Is this a good idea?" said Greenwood at the June 23 workshop for FIU researchers presented by DoR and MEDO. "The next question is 'how do we sell the work we're doing,'" Greenwood said. "Before you even know if your research is going to work, figure out the market because commercialization is key."

Greenwood was the second speaker in a series of workshops held in late June focusing on SBIR and STTR funding. SBIR stands for [Small Business Innovation Research \(SBIR\)](#), a program created by the federal government in 1982 that encourages small businesses to engage in Federal Research/Research and Development (R/R&D) that has the potential for commercialization. Under an SBIR award small businesses may collaborate with a research institution. More information on the SBIR program can be found at [SBIR.gov](#).

STTR, or Small Business Technology Transfer, is another program that expands funding opportunities in the federal innovation research and develop-

ment (R&D) arena. According to the official web site, a key element of the [STTR program](#) is the expansion of the public/private sector partnership to include the joint venture opportunities for small businesses and nonprofit research institutions. Small businesses must formally collaborate with a research institution in the STTR program with a key goal of "bridging the gap between performance of basic science and commercialization of resulting innovations."

Thirty four participants attended the June 23rd day long workshop and found the workshop very informative and useful. Participants were primarily FIU researchers from various colleges including Arts and Sciences, Engineering, Medicine, Education, Nursing & Health Sciences and Hospitality and Tourism Management.

The SBIR/STTR Phase 1 workshop led by Greenwood focused on a 4-step process to preparing a competitive Phase I SBIR/STTR proposal. Among the most important things to consider is that funding agencies are still interested in innovation and R&D, but demonstrating useful application of that R&D can make all the difference between a funded and non-funded proposal.

For scientists who do not feel comfortable creating a business plan, Kershaw advises pulling in partners, which are plentiful in academia. "It's all about teamwork," Kershaw said. "Even pure researchers can come up with a plan with the right team. You've got to focus on building the people around you."

FIU researchers interested in the SBIR/STTR programs should contact DoR's [Office of Technology Management and Commercialization \(OTMC\)](#). FIU researchers interested in SBIR/STTR that were unable to attend the FIU June workshops could take advantage of workshops to be offered in July and August. Contact OTMC for details.



Awards Received—May 2014

Florida International University researchers were awarded \$6,425,170 in May 2014. Below is a summary:

PI: Malek Adjouadi

BIOMEDICAL ENGINEERING

Award Action Type: Continuation

AWARDING SPONSOR: FIU Foundation

TITLE: The Ware Foundation Research Endowment

AWARD: \$ 30,361

PI: Alexander Agoulnik

COM HUMAN AND MOL GENETICS

Award Action Type: Initial

AWARDING SPONSOR: Bristol-Myers Squibb

TITLE: Small molecule agonists of relaxin receptor

AWARD: \$ 290,000

PI: Heidi Alvarez

CIARA

Award Action Type: Increase

AWARDING SPONSOR: University of Chicago

TITLE: Open Science Data Cloud(OSDC)PIRE:Training and Workshops

AWARD: \$ 130,000

PI: Frederick W Anderson

COM HUMANITIES HLTH AND SOC

Award Action Type: Initial

AWARDING SPONSOR: Health Foundation of South Florida

TITLE: Green Family Foundation (GFF) NeighborhoodHELP Mobile Health

AWARD: \$ 20,250

PI: William Anderson

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Supplemental

AWARDING SPONSOR: U.S. Science Support Program Ocean Leade

TITLE: IODP Expedition 346 Asian Monsoon

AWARD: \$ 12,998

PI: Alfredo Andia

ARCHITECTURE

Award Action Type: Initial

AWARDING SPONSOR: FIU Foundation

TITLE: Emerging Japanese Architects in Dialogue: The Post 1970 Generation

AWARD: \$ 3,000

PI: Joann Arnowitz

JEWISH MUSEUM OF FLORIDA-FIU

Award Action Type: Initial

AWARDING SPONSOR: City of Miami Beach

TITLE: JMOF General Operating Support 13-14

AWARD: \$ 49,500

PI: Atorod Azizinamini

CIVIL AND ENVIRON ENGINEERING

Award Action Type: Initial

AWARDING SPONSOR: Florida Department of Transportation

TITLE: Managing Florida's Fracture Critical Bridges

AWARD: \$ 84,108

PI: Lorraine Bahrnick

PSYCHOLOGY

Award Action Type: Continuation

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu

AWARDING SPONSOR: National Institutes of Health

TITLE: Intersensory Perception of Social Events: Typical and Atypical Development **AWARD:** \$ 134,355

PI: Lorraine Bahrnick

CENTER FOR CHILDREN AND FAM

Award Action Type: Continuation

AWARDING SPONSOR: National Institutes of Health

TITLE: Intersensory Processing, Developmental Trajectories & Longitudinal Outcomes **AWARD:** \$ 385,087

PI: Shekhar Bhansali

ELEC AND COMPUTER ENG

Award Action Type: Increase

AWARDING SPONSOR: Florida Agricultural and Mechanical Univ

TITLE: Bridge to Doctorate Cohort at FIU **AWARD:** \$ 486,000

PI: Richard Bone

PHYSICS

Award Action Type: Initial

AWARDING SPONSOR: Industrial Organica S.A. de CV

TITLE: IOSA Bioavailability Study Phase III **AWARD:** \$ 25,988

PI: Kevin Boswell

BIOLOGY

Award Action Type: Increase

AWARDING SPONSOR: Industrial Economics Inc

TITLE: Analysis of acoustic data from Deep Water Horizon **AWARD:** \$ 297,113

PI: Deron Burkepile

BIOLOGY

Award Action Type: Pre-Award

AWARDING SPONSOR: National Science Foundation

TITLE: Cascading interactions of herbivore loss and nutrient enrichment **AWARD:** \$ 1,856

PI: Deron Burkepile

BIOLOGY

Award Action Type: Initial

AWARDING SPONSOR: PADI Foundation

TITLE: The Impact of Size-Selective Fishing on Coral Reef Communities **AWARD:** \$ 3,700

PI: Yong Cai

ARC APPLIED RESEARCH CENTER

Award Action Type: Pre-Award

AWARDING SPONSOR: Office of Environmental Management

TITLE: FIU's Research Support Sub Project 2-FIU'S Environment **AWARD:** \$ 4,654

PI: Jonathan Comer

CENTER FOR CHILDREN AND FAM

Award Action Type: Increase

AWARDING SPONSOR: National Institute of Mental Health

TITLE: Evaluating the Feasibility of Internet-Delivered Parent-Child Therapy **AWARD:** \$ 144,341

PI: Carol E Damian

FROST ART MUSEUM

Award Action Type: Initial

AWARDING SPONSOR: Funding Arts Network

TITLE: Wang Qinsong: Call to Arms	AWARD: \$	5,000
 PI: George S Dulikravich MECHANICAL AND MAT ENGINEERING Award Action Type: Supplemental AWARDING SPONSOR: Georgia Institute of Technology TITLE: Multi-Objective, Multi-Disciplinary Design Optimization of Multi-Floor		
	AWARD: \$	11,657
 PI: Brian Fonseca ARC APPLIED RESEARCH CENTER Award Action Type: Increase AWARDING SPONSOR: CACI International Inc TITLE: FIU SOUTHCOM Academic Roundtable Series: Sub-Project-ARC		
	AWARD: \$	6,242
 PI: Brian Fonseca POLITICS AND INTL RELATIONS Award Action Type: Supplemental AWARDING SPONSOR: CACI International Inc TITLE: FIU SOUTHCOM Academic Roundtable Series: Sub-Project-LACC		
	AWARD: \$	86,386
 PI: Stacy Lynn Frazier CENTER FOR CHILDREN AND FAM Award Action Type: Supplemental AWARDING SPONSOR: University of Illinois at Chicago TITLE: Organizational Context and Children's Mental Health in Urban		
	AWARD: \$	43,905
 PI: Rebecca Friedman SIPA Award Action Type: Increase AWARDING SPONSOR: European Commission TITLE: Miami-Florida European Center of Excellence		
	AWARD: \$	4,470
 PI: Cheng-Tin Gan CIVIL AND ENVIRON ENGINEERING Award Action Type: Initial AWARDING SPONSOR: Florida Department of Transportation TITLE: Development of 2015 Florida Transit Information System (FTIS)		
	AWARD: \$	53,635
 PI: Piero Gardinali SOUTHEAST ENV RESEARCH CTR Award Action Type: Initial AWARDING SPONSOR: Collier County TITLE: Providing Contaminant Data for Coastal Management		
	AWARD: \$	40,000
 PI: Stavros Georgakopoulos ELEC AND COMPUTER ENG Award Action Type: Increase AWARDING SPONSOR: National Science Foundation TITLE: Collaborative Research: Ultra-broadband Highly-Efficient Wireless Charging of "Zero-Power" Implantable and Wearable Wireless Sensors		
	AWARD: \$	16,000
 PI: Eric M Goldemberg ARCHITECTURE Award Action Type: Initial AWARDING SPONSOR: FIU Foundation		

TITLE: The Radical HIVE: Social Housing and Urbanism in Latin America	AWARD: \$ 1,700
PI: Paulo Graziano CENTER FOR CHILDREN AND FAM Award Action Type: Initial AWARDING SPONSOR: Children's Trust	
TITLE: Promoting a Successful Transition to Kindergarten: A Summer Readiness	AWARD: \$ 100,000
PI: Ismail Guvenc ELEC AND COMPUTER ENG Award Action Type: Increase AWARDING SPONSOR: National Science Foundation	
TITLE: NeTS: JUNO: Towards Energy-Efficient Hyper-Dense Wireless Networks	AWARD: \$ 16,000
PI: Ismail Guvenc ELEC AND COMPUTER ENG Award Action Type: Initial AWARDING SPONSOR: Oak Ridge Associated Universities	
TITLE: Toward Next Generation Public Safety Communication	AWARD: \$ 5,000
PI: Ismail Guvenc ELEC AND COMPUTER ENG Award Action Type: Increase AWARDING SPONSOR: DOCOMO Innovations Inc	
TITLE: Compressive Sensing for Improving Accuracy of Fingerprint based	AWARD: \$ 20,000
PI: Katie Hart CENTER FOR CHILDREN AND FAM Award Action Type: Initial AWARDING SPONSOR: Children's Trust	
TITLE: Read To Learn: Summer Reading Explorers Program	AWARD: \$ 126,434
PI: Zahra Sana Hazari STEM INSTITUTE Award Action Type: Increase AWARDING SPONSOR: National Science Foundation	
TITLE: CAREER: Changing the Landscape: Towards the Development of a Physics Identity in High School	AWARD: \$ 105,851
PI: Zahra Sana Hazari STEM INSTITUTE Award Action Type: Increase AWARDING SPONSOR: National Science Foundation	
TITLE: CAREER: Sub to 800004184: Participant	AWARD: \$ 8,000
PI: Rosemary L Hickey EARTH AND ENVIRONMENT Award Action Type: Initial AWARDING SPONSOR: Consortium For Ocean Leadership	
TITLE: Participation in IODP Expedition 351	AWARD: \$ 58,171
PI: Shuliang Jiao BIOMEDICAL ENGINEERING Award Action Type: Increase AWARDING SPONSOR: National Institutes of Health	

TITLE: Multimodal Retinal Functional Imaging for Diabetic Retinopathy **AWARD:** \$ 547,068

PI: David Kadko
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation

TITLE: GEOTRACES Peru-Tahiti section: Measurement of ^7Be as a Tracer **AWARD:** \$ 64,398

PI: Sakhrat Khizroev
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation

TITLE: Nano-electroporation for high-specificity drug uptake using magneto-electric **AWARD:** \$ 405,000

PI: Sakhrat Khizroev
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: University of California Berkeley

TITLE: Physics of Spin Switching in Sub-10-nm Spin-transfer-torque **AWARD:** \$ 100,000

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Pre-Award
AWARDING SPONSOR: Office of Environmental Management

TITLE: FIU's Research Support to the Department of Energy **AWARD:** \$ 19,041

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Pre-Award
AWARDING SPONSOR: Office of Environmental Management

TITLE: FIU's Research Support to the Department of Energy **AWARD:** \$ 33,250

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Pre-Award
AWARDING SPONSOR: Office of Environmental Management

TITLE: FIU's Research Support to the Department of Energy **AWARD:** \$ 70,081

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Pre-Award
AWARDING SPONSOR: Office of Environmental Management

TITLE: FIU's Research Support to the Department of Energy **AWARD:** \$ 74,643

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Pre-Award
AWARDING SPONSOR: Office of Environmental Management

TITLE: FIU's Research Support to the Department of Energy **AWARD:** \$ 208,331

PI: Wenzhi Li
PHYSICS
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation

TITLE: Carbon nanotube based nanofluidic device for biological sensing **AWARD:** \$ 87,622

PI: Purnima Madhivanan

EPIDEMIOLOGY

Award Action Type: Pre-Award

AWARDING SPONSOR: University of California Berkeley

TITLE: Global Health Fellows and Scholars Program **AWARD:** \$ 26,010

PI: Goutam Mandal

COM HUMAN AND MOL GENETICS

Award Action Type: Initial

AWARDING SPONSOR: College of Medicine Foundation

TITLE: Leishmaniasis disease development: role of macrophages **AWARD:** \$ 50,000

PI: H Virginia McCoy

HEALTH PROMO AND DISEASE PREV

Award Action Type: Continuation

AWARDING SPONSOR: University of Puerto Rico

TITLE: Florida Puerto Rico Public Health Research **AWARD:** \$ 62,054

PI: Alexander Mebel

CHEMISTRY

Award Action Type: Pre-Award

AWARDING SPONSOR: U.S. Department of Energy

TITLE: Theoretical studies of chemical reactions related to the formation and growth **AWARD:** \$ 43,185

PI: Osama A Mohammed

ELEC AND COMPUTER ENG

Award Action Type: Supplemental

AWARDING SPONSOR: Office of Naval Research

TITLE: Real Time Modeling & Simulation Techniques using Intelligent Systems **AWARD:** \$ 10,000

PI: Norman D Munroe

MECHANICAL AND MAT ENGINEERING

Award Action Type: Initial

AWARDING SPONSOR: Parkson Corporation

TITLE: HiOx Ultraflex Failure Analysis Project **AWARD:** \$ 13,500

PI: Edward P Murray

METROPOLITAN CENTER

Award Action Type: Supplemental

AWARDING SPONSOR: Broward County

TITLE: 2013 Broward County Affordable Housing Needs Assessment **AWARD:** \$ 18,000

PI: Madhavan P Nair

COM IMMUNOLOGY

Award Action Type: Increase

AWARDING SPONSOR: National Institute on Drug Abuse

TITLE: Polydrug Nanocarrier to Treat Opiate Addiction and HIV Disease **AWARD:** \$ 4,320

PI: Madhavan P Nair

COM IMMUNOLOGY

Award Action Type: Continuation

AWARDING SPONSOR: National Institute of Mental Health

TITLE: Mechanisms of Neuro-AIDS by HIV 1B and C Clades **AWARD:** \$ 331,860

PI: Madhavan P Nair

COM IMMUNOLOGY

Award Action Type: Initial

AWARDING SPONSOR: National Institutes of Health

TITLE: Multifunctional Nanocarrier to Eradicate HIV from latently infected CNS **AWARD:** \$ 362,500

PI: Laura A Ogden

GLOBAL AND SOCIOCULTURAL STU

Award Action Type: Initial

AWARDING SPONSOR: National Science Foundation

TITLE: Doctoral Dissertation Research: Constructing Futures the Cultural Politics **AWARD:** \$ 5,092

PI: Ebru Ozer

LANDSCAPE ARCHITECTURE

Award Action Type: Initial

AWARDING SPONSOR: Landscape Architecture Foundation

TITLE: Case Study Investigations for 1111 Lincoln Road, Nova Southeastern University, and Pompano Beach Dune Enhancement and Streetscape **AWARD:** \$ 2,820

PI: Nezih Pala

ELEC AND COMPUTER ENG

Award Action Type: Initial

AWARDING SPONSOR: University of Utah

TITLE: 3D Simulation of THz Plasmonic Structures **AWARD:** \$ 42,584

PI: William E Pelham Jr,

CENTER FOR CHILDREN AND FAM

Award Action Type: Increase

AWARDING SPONSOR: University of Pittsburgh

TITLE: The Development of Alcohol Use and Abuse in ADHD Adolescents **AWARD:** \$ 53,649

PI: Sudheesh Pilakka Kanthikeel

COM IMMUNOLOGY

Award Action Type: Initial

AWARDING SPONSOR: College of Medicine Foundation

TITLE: miRNA regulation of SAMHD1 mediated HIV restriction in CNS cells **AWARD:** \$ 50,000

PI: Niki J Pissinou

COMPUTER INFO SCIENCES

Award Action Type: Continuation

AWARDING SPONSOR: National Science Foundation

TITLE: REU SITE: ASSET: Research Experiences for Undergraduates in Advanced Secured Sensor Enabling Technologies **AWARD:** \$ 18,472

PI: Niki J Pissinou

COMPUTER INFO SCIENCES

Award Action Type: Continuation

AWARDING SPONSOR: National Science Foundation

TITLE: REU SITE: ASSET: Participant support **AWARD:** \$ 41,528

PI: Naphtali Rishe

COMPUTER INFO SCIENCES

Award Action Type: Increase

AWARDING SPONSOR: National Science Foundation

TITLE: III. Large: Collaborative Research: Moving Objects Databases for Exploration **AWARD:** \$ 16,000

PI: Allan Rosenbaum
INST PUB MGMT & COMM SERVICE
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: TDC XX Inter-American Conference of Mayors and Local Authorities **AWARD:** \$ 14,400

PI: Upal Roy
COM IMMUNOLOGY
Award Action Type: Initial
AWARDING SPONSOR: College of Medicine Foundation
TITLE: Development of Nanomedicine based anti-HIV Drug Targeting M-cells **AWARD:** \$ 50,000

PI: Misak Sargsian
PHYSICS
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Department of Energy
TITLE: Theoretical Studies of High Energy Electron-Nuclear Processes **AWARD:** \$ 90,000

PI: Misak Sargsian
PHYSICS
Award Action Type: Increase
AWARDING SPONSOR: Jefferson Lab
TITLE: Hadron Spectroscopy at Jefferson Lab **AWARD:** \$ 12,593

PI: Ernest G Simms
STUDENT AFFAIRS VICE PRES OFF
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Department of Education
TITLE: Educational Talent Search **AWARD:** \$ 230,000

PI: Thomas Spiegelhalter
ARCHITECTURE
Award Action Type: Initial
AWARDING SPONSOR: FIU Foundation
TITLE: Designing Passive-Active and Adaptive Environmental Control **AWARD:** \$ 1,700

PI: Casey Steadman
THE WOLFSONIAN
Award Action Type: Increase
AWARDING SPONSOR: Funding Arts Network
TITLE: The Birth of Rome **AWARD:** \$ 185

PI: Ines R Triay Melendez
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: New Mexico Environment Department (NMED)
TITLE: NMED Support: Sub-project for Travel/NoF&A **AWARD:** \$ 5,511

PI: Ines R Triay Melendez
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: New Mexico Environment Department (NMED)
TITLE: NMED Support **AWARD:** \$ 54,489

PI: Tiffany Troxler
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: University of Florida
TITLE: Effects of saltwater intrusion on Everglades peat soil **AWARD:** \$ 90,000

PI: Shahin Vassigh
ARCHITECTURE
Award Action Type: Initial
AWARDING SPONSOR: FIU Foundation
TITLE: Rethinking Structures Pedagogy: Using Hybrid Digital-Analog Toolsets **AWARD:** \$ 3,000

PI: Edgar Ramos Vieira
PHYSICAL THERAPY
Award Action Type: Initial
AWARDING SPONSOR: Alliance for Aging Inc
TITLE: Safe Steps Educational Program Analysis **AWARD:** \$ 5,000

PI: Ophelia I Weeks
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: National Institutes of Health
TITLE: FIU MARC U*STAR Program **AWARD:** \$ 172,897

PI: Mark L Williams
HEALTH POLICY AND MGMT
Award Action Type: Continuation
AWARDING SPONSOR: Univ of Texas Health Science Ctr Houston
TITLE: HIV risk and prevention venue affiliation among young **AWARD:** \$ 29,841

PI: Masafumi Yoshinaga
COM CELL BIOLOGY AND PHARM
Award Action Type: Initial
AWARDING SPONSOR: College of Medicine Foundation
TITLE: Molecular mechanisms of degradation of environmental organoarsenical **AWARD:** \$ 50,000

PI: Yuying Zhang
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: University of Florida
TITLE: Developing a size-structured stock assessment model for the spiny lobster **AWARD:** \$ 5,065

PI: Yuying Zhang
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: University of Florida
TITLE: Developing a size-structured stock assessment model for the spiny lobster **AWARD:** \$ 37,719

Limited Submission Funding Opportunities

The limited submission funding opportunities listed below have July and August 2014 internal deadlines:

Agency	Program	Institutional Submission Limits	Internal Deadline	Agency Deadline
NIH	<u>Bridges to the Doctorate (R25)</u> (PAR-13-341)	Only one application per institution	7/24/2014	9/25/2014
NIH	<u>Institutional Research and Academic Career Development Awards (IRACDA) (K12)</u> (PAR-13-290)	Only one application per institution	7/24/2014	9/24/2014
NIH	<u>Centers of Excellence for Research on CAM (P01)</u> (PAR-12-151)	Only one application per institution	7/25/2014	9/25/2014
NSF	<u>EarthScope National Office (ESNO)</u> (NSF 14-553)	Limit one application per institution	07/26/2014	09/26/2014
NASA	<u>For High-Impact, National, Strategic STEM Education Partnerships</u> (EDUCATION01SP13)	Eligible organizations may submit only one (1) Response at a time.	8/29/2014	10/31/2014

Please visit our website at: <http://research.fiu.edu/funding/pages/limited-submissions.html> to review our monthly limited submissions or for further instructions on how to prepare and/or submit your limited submission application.

Funding Opportunities

Department of Agriculture

Agriculture and Food Research Initiative - Dual Purpose with Dual Benefit: Research in Biomedicine and Agriculture Using Agriculturally Important Domestic Species

Funding Opportunity Number: PAR-13-204

Letter of Intent Due Date: August 24, 2014

Application Deadline: September 24, 2014

Description: This interagency program is issued by the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Heart, Lung, and Blood Institute (NHLBI), and USDA National Institute of Food and Agriculture (NIFA) to invite grant proposals that utilize agriculturally important domestic species to improve human health and animal agriculture through the advancement of basic and translational research deemed highly relevant to both agricultural and biomedical research. The anticipated outcomes include both the elucidation of fundamental information relevant for the improvement of human health and an increase in food animal production and improvement in animal health and product quality.

<http://www.nifa.usda.gov/fo/dualpurposewithdualbenefitresearchinbiomedicineandagricultureusingagriculturallyimportantdomesticspecies.cfm>

Department of Defense

DoD Tuberos Sclerosis Complex Exploration-Hypothesis Development

Award Funding Opportunity Number: W81XWH-14-TSCRP-EHDA

Application Deadline: July 24, 2014

Description: The Exploration – Hypothesis Development Award supports the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the TSC research field PIs wishing to apply for funding for a pilot clinical trial should utilize the FY14 TSCRP Pilot Clinical Trial Award mechanism (Funding Opportunity Number: W81XWH-14-TSCRP-PCTA). <http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

Fiscal Year 2015 Non-Lethal Weapons Technologies

Funding Opportunity Number: ONRBAA14-008

Application Deadline: September 26, 2014

Description: The Office of Naval Research is soliciting proposals for: (1) applied non-lethal weapon (NLW) research; (2) early NLW technology development, and (3) rapid NLW development, test, and demonstration of next-generation NLW and capabilities. The objective of this BAA is to stimulate applied research, advanced technology development (ATD), and advanced component development and prototypes (ACD&P) to include rapid prototyping, testing and evaluation of NLW technologies in an attempt to address known military needs.
<http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

DoD Spinal Cord Injury Investigator-Initiated Research Award

Funding Opportunity Number: W81XWH-14-SCIRP-IIRA

Application Deadline: October 30, 2014

Description: The SCIRP Investigator-Initiated Research Award is intended to support studies that have the potential to make an important contribution to SCI research and/or patient care.

<http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

DoD Spinal Cord Injury Translational Research Award

Funding Opportunity Number: W81XWH-14-SCIRP-TRA

Application Deadline: October 30, 2014

Description: The SCIRP Translational Research Award is intended to support translational research that will accelerate the movement of promising ideas in spinal cord injury research into clinical

applications. <http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

DoD Spinal Cord Injury Qualitative Research Award

Funding Opportunity Number: W81XWH-14-SCIRP-QRA

Application Deadline: October 30, 2014

Description: The intent of the Qualitative Research Award is to support qualitative research studies that will help researchers and clinicians better understand the experiences of individuals with SCI and thereby identify the most effective paths for adjusting to disability and/or improving overall quality of life, health, and functional status after SCI. <http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

Advanced Analytics and Data Science for Naval Warfare Planning and Execution

Funding Opportunity Number: ONRBAA14-009

Pre-Application Deadline: N/A

Application Deadline: Oct 3, 2014

Description: The Office of Naval Research is interested in receiving white papers and full proposals for Advanced Technology Development that will forge major advancements towards a well-developed and robust Naval Big Data Ecosystem that enables more sophisticated and powerful analytics for supporting Naval Warfighting applications. To accomplish this objective, ONR seeks to make advancements in four key Thrust Areas: (1) Development of a robust Naval Data Science foundation that addresses data representations and ontologies required to support a wide range of Naval Warfare Mission Areas; (2) Identifying, acquiring, ingesting, and indexing Data Sources pertinent to Naval Warfighting Missions; (3) Development of advanced analytics for Naval Warfare Mission Areas; and (4) Development of data protection and security mechanisms to ensure the integrity of data used throughout the analytic process. The overall objective of this effort is to achieve unprecedented access to data; to extract new and deeper insights by exploiting data in new and innovative ways; and to apply those new insights to improving Naval Warfare activities.

<http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

Air Force Fiscal Year 2015 Young Investigator Research Program

Funding Opportunity Number: BAA-AFOSR-2014-0003

Pre-Application Deadline: N/A

Application Deadline: Sep 15, 2014

Description: AFOSR's Young Investigator Research Program (YIP) supports scientists and engineers who have received Ph.D. or equivalent degrees in the last five years (on or after 1 May 2009) and who show exceptional ability and promise for conducting basic research. The objective of this program is to foster creative basic research

in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities for the young investigators to recognize the Air Force mission and the related challenges in science and engineering. The basic research areas of current interest are available on-line in the current AFOSR BAA, BAA-AFOSR-2014-0001.

<http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

Department of Education

Institute of Education Sciences (IES): National Research Center for The Education of Gifted and Talented Children and Youth

Funding Opportunity Number: ED-GRANTS-043014-001

Deadline for Transmittal of Applications: July 22, 2014

Description: The purpose of the National Research Center for the Education of Gifted and Talented Children and Youth is to conduct research on improving academic outcomes for underserved students with high academic potential. For more information, visit www.grants.gov and search by opportunity number.

Office of Postsecondary Education (OPE): Undergraduate International Studies and Foreign Language Program

Funding Opportunity Number: ED-GRANTS-061114-001

CFDA Number(s): 84.016

Deadline for Transmittal of Applications: July 28, 2014

Description: To assist institutions of higher education, consortia of such institutions, partnerships between nonprofit educational organizations and institutions of higher education, and public and private nonprofit agencies and organizations, including professional and scholarly associations, to plan, develop, and carry out programs to strengthen and improve undergraduate instruction in international studies and foreign languages.

For more information, visit www.grants.gov and search by opportunity number.

The National Institute on Disability and Rehabilitation Research Small Business Innovation Research Phase II Program

Funding Opportunity Number: ED-GRANTS-052914-001

CFDA Number(s): 84.133

Deadline for Transmittal of Applications: July 28, 2014

Description: All Phase I awardees with approaches that appear sufficiently promising are eligible to apply for Phase II. Applications are evaluated based on published criteria by panels of experts. For more information, visit www.grants.gov and search by opportunity number.

OSERS/NIDRR: Disability and Rehabilitation Research Projects and Centers Program: Rehabilitation Engineering Research Centers (RERCs): Technologies to Enhance Independence in Daily Living for Adults with Cognitive Impairments

Funding Opportunity Number: ED-GRANTS-060514-001

CFDA Number(s): 84.133

Deadline for Transmittal of Applications: August 4, 2014

Description: The purpose of Rehabilitation Engineering Research Centers (RERCs), which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to achieve the goals of, and improve the effectiveness of, services authorized under the Rehabilitation Act through well-designed research, training, technical assistance, and dissemination activities in important topical areas as specified by NIDRR with guidance from its Rehabilitation Research Advisory Council. For more information, visit

<http://www2.ed.gov/programs/lerc/index.html#types> and/or www.grants.gov and search by opportunity number.

Institute of Education Sciences (IES): Special Education Research

Funding Opportunity Number: ED-GRANTS-041014-006

CFDA Number(s): 84.324

Deadline for Transmittal of Applications: August 7, 2014

Description: The Institute of Education Sciences (Institute) requests applications for research projects that will contribute to its Special Education Research Grants program (CFDA 84.324A). Through this program, the Institute seeks to expand the knowledge base and understanding of infants, toddlers, children, and youth with disabilities

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu

through advancing the understanding of and practices for teaching, learning, and organizing education systems. For more information, visit www.grants.gov and search by opportunity number.

Institute of Education Sciences (IES): Special Education Research Training

Funding Opportunity Number: ED-GRANTS-041014-007

CFDA Number(s): 84.324

Deadline for Transmittal of Applications: August 7, 2014

Description: Through this program, IES provides support for an integrated research and career development plan for investigators in the early stages of their academic careers who have established an interest in special education research, with the ultimate aim of launching independent research careers focused on infants, toddlers, children, and youth with or at risk for disabilities. The award will provide support for research (including salary for protected time to conduct research) and career development that includes training under the guidance of an experienced mentor or mentors. For more information, visit www.grants.gov and search by opportunity number.

Institute of Education Sciences (IES): Education Research

Funding Opportunity Number: ED-GRANTS-041014-001

CFDA Number(s): 84.305

Deadline for Transmittal of Applications: August 7, 2014

Description: Through this program, IES seeks to improve the quality of education for all students prekindergarten through postsecondary and adult education by advancing the understanding of and practices for teaching, learning, and organizing education systems. Education Research CFDA 84.305A. For more information visit www.grants.gov and search by opportunity number.

Institute of Education Sciences (IES): Research Training Programs in the Education Sciences

Funding Opportunity Number: ED-GRANTS-041014-002

CFDA Number(s): 84.305

Deadline for Transmittal of Applications: August 7, 2014

Description: For FY 2015, IES is accepting applications for training under three topics:

(1) Predoctoral Interdisciplinary Research Training Programs in the Education Sciences (Predoctoral Training Program), (2) Postdoctoral Research Training in the Education Sciences (Postdoctoral Training Program), and (3) Methods Training for Education Researchers (Methods Training). Research Training Programs in the Education Sciences CFDA 84.305B. For more information, visit www.grants.gov and search by opportunity number.

Institute of Education Sciences (IES): Education Research and Development Center Program

Funding Opportunity Number: ED-GRANTS-041014-003

CFDA Number(s): 84.305

Deadline for Transmittal of Applications: August 7, 2014

Description: In this announcement, the Institute of Education Sciences (Institute) requests applications for research centers that will contribute to its Education Research and Development Center program (CFDA 84.305C). For more information, visit www.grants.gov and search by opportunity number.

Institute of Education Sciences (IES): Statistical and Research Methodology in Education Funding

Opportunity Number: ED-GRANTS-041014-004

CFDA Number(s): 84.305

Deadline for Transmittal of Applications: August 7, 2014

Description: The goal of this research program is to provide a wide range of methodological and statistical tools that will better enable applied education scientists to conduct rigorous education research. In this announcement, the Institute of Education Sciences invites applications for research projects that will contribute to its Statistical and Research Methodology in Education program. Statistical and Research Methodology in Education CFDA 84.305D. For more information, visit www.grants.gov and search by opportunity number.

Institute of Education Sciences (IES): Partnerships and Collaborations Focused on Problems of Practice or Policy

Funding Opportunity Number: ED-GRANTS-041014-005

CFDA Number(s): 84.305

Deadline for Transmittal of Applications: August 7, 2014

Description: The Institute's purpose in awarding these grants is to provide national leadership in expanding fundamental knowledge and understanding (1) of developmental and school readiness outcomes for infants and toddlers with or at risk for disability, and (2) of education outcomes for all students from early childhood education through postsecondary and adult education. Purpose of Program: Partnerships and Collaborations Focused on Problems of Practice or Policy CFDA 84.305H. For more information, visit www.grants.gov and search by opportunity number.

Department of Energy

Nuclear Energy University Programs – Fellowship and Scholarship

Funding Opportunity Number: DE-FOA-0000807

Application Deadline: November 30, 2015

Description: This program supports education and training for future nuclear scientists, engineers and policy-makers who are attending U.S. universities and colleges in nuclear-related graduate, undergraduate and two-year study programs. These are zero-dollar awards that will be funded as students apply through the Department of Energy, Office of Nuclear Energy. <http://www.grants.gov/web/grants/search-grants.html>

Fuel Cell Technologies Incubator – Innovations in Fuel Cell and Hydrogen Fuel Technologies

Funding Opportunity Number: DE-FOA-0000966

Pre- Application Deadline: Concept Paper Submission due on July 7, 2014

Application Deadline: September 3, 2014

Description: The U.S. Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE) EERE is issuing "Incubator" Funding Opportunity Announcements (FOAs) within its existing Offices and programs to support innovative technologies and solutions that could help meet existing goals but are not represented in a significant way in the Offices' existing Multi-Year Program Plans (MYPPs) or current portfolios. The Incubator programs will allow EERE to assess new technologies for their potential to be on ramped to future MYPPs. The full Funding Opportunity Announcement (FOA) is posted on the EERE eXCHANGE website at <https://eere-exchange.energy.gov>. <http://www.grants.gov/web/grants/search-grants.html>

Department of Homeland Security

DHS S&T Critical Infrastructure Resilience Center of Excellence – Center Lead

Funding Opportunity Number: DHS-14-ST-061-COE-CIRC-001A

Pre-Application Deadline: N/A

Application Deadline: September 23, 2014

Description: The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) Office of University Programs (OUP) requests applications from U.S. colleges and universities to serve as a lead institution for a Critical Infrastructure Resilience Center of Excellence (CIRC). For the date and time of the webinar and information about how to access the webinar, please check Grants.gov and the <https://www.hsuniversityprograms.org/> website.

<http://www.grants.gov/search-grants.html?agencies%3DDHS%7CDepartment%20of%20Homeland%20Security>

DHS SDHS S&T Critical Infrastructure Resilience Center of Excellence (CIRC) – Center Partner

Funding Opportunity Number: DHS-14-ST-061-COE-CIRC-001B

Pre-Application Deadline: N/A

Application Deadline: September 23, 2014

Description: The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) Office of University Programs (OUP) requests applications from U.S. colleges and universities to serve as a partner institution for a Critical Infrastructure Resilience Center of Excellence (CIRC). For the date and time of the webinar and information about how to access the webinar, please check Grants.gov and the <https://www.hsuniversityprograms.org/> website.

<http://www.grants.gov/search-grants.html?agencies%3DDHS%7CDepartment%20of%20Homeland%20Security>

Fiscal Year (FY) 2014 Homeland Security National Training Program (HSNTP), National Domestic Preparedness Consortium (HSNTP/NDPC)**Funding Opportunity Number:** DHS-14-NPD-005-000-01**Pre-Application Deadline:** N/A**Application Deadline:** July 23, 2014

Description: The Homeland Security National Training Program (HSNTP), National Domestic Preparedness Consortium (NDPC) plays an important role in the implementation of the National Preparedness System (NPS) by supporting the building, sustainment, and delivery of core capabilities essential to achieving the National Preparedness Goal (NPG) of a secure and resilient Nation. (<http://www.fema.gov/national-preparedness-goal>)
<http://www.grants.gov/search-grants.html?agencies%3DDHS%7CDepartment%20of%20Homeland%20Security>

Department of Justice

NIJ FY 14 Information Sharing and Its Effect on Tracking Sex Offenders and Community Awareness: Examining a Key Function of the Sex Offender Registration and Notification Act (SORNA)**Funding Opportunity Number:** NIJ-2014-3831**Application Deadline:** July 7, 2014

Description: NIJ is interested in assessing how information sharing has changed how criminal justice agents (e.g., law enforcement, public safety administrators, correctional administrators, and prosecutors), track, monitor, and prosecute offenders; what types of information are collected and shared; how the public accesses and uses information about sex offenders in their community; and the cost of inter- and intra-jurisdictional information sharing. For more information please visit www.grants.gov and search using the opportunity number.

NIJ FY 14 Developing Knowledge about What Works to Make Schools Safe**Funding Opportunity Number:** NIJ-2014-3878**Application Deadline:** July 10, 2014

Description: NIJ seeks proposals to develop knowledge about the effects of personnel, programs, and activities on school safety in the United States. Funds are available to local education agencies (LEAs), public charter schools that are recognized as an LEA and State educational agencies (SEAs). NIJ is particularly interested in the impact on school safety of mental health services, public safety and preparedness (such as the use of school resource officers), and school climate and culture programs. <https://ncjrs.gov/pdffiles1/nij/sl001122.pdf>

Department of State

Justice and Youth Programs**Funding Opportunity Number:** INL-14-GR-0022-INCOSTARICA-060514**Application Deadline:** July 11, 2014

Description: INL is seeking applications from qualified organizations to implement the following programs in Costa Rica. Applicants are encouraged to submit proposals that target a specific program area and accompanying program elements listed below. INL will consider proposals that combine all or part of the program areas and program elements for a total of \$1.6 million.

Program Area 1 – Justice Sector Reform: Approximately \$500,000 available**Program Area 2 – Prosecutorial Capacity Building: Approximately \$350,000 available****Program Area 3 – Community Policing: Approximately \$750,000 available**<http://www.grants.gov/web/grants/search-grants.html>**FY 2015 global Undergraduate Exchange Program****Funding Opportunity Number:** ECa-ECAAE-15-003**Application Deadline:** August 18, 2014

Description: The Office of Academic Exchange Programs of the Bureau of Educational and Cultural Affairs announces an open competition for the administration of the FY 2015 Global Undergraduate Exchange Program (Global UGRAD). See the full announcement for further information and details. <http://www.grants.gov/web/grants/search-grants.html>

Department of Transportation

Section 5309 Bus and Bus Facilities, Ladders of Opportunity Program

Funding Opportunity Number: FTA-2014-004-TPM

Current Closing Date for Applications: August 4, 2014

Description: Solicitation of Project Proposals for Bus and Bus Facilities Program, Ladders of Opportunity Initiative. Opportunity details are available on the FTA website and in the Federal Register

notice <http://www.grants.gov/search-grants.html?agencies%3DDOT%7CDepartment%20of%20Transportation>

Miami-Dade County Department of Cultural Affairs

Audience Access Grant Program

Funding Opportunity Number: N/A

Application Deadline: Ongoing

Description: The Audience Access Grant Program is designed to provide funding to promote and help pay for arts program ADA/access technology, such as American Sign Language (ASL) interpreters, captioning, audio description, marketing materials, and other such services to ensure programmatic access for audiences of all abilities. This program is not intended to provide assistance in funding capital/facilities improvements, such as construction, renovation or major equipment purchases. <http://miamidadearts.culturegrants.org/navigation/links/page/audience-access-aud>

Community Grants Program (CG) – 2nd Quarter

Funding Opportunity Number: N/A

Pre-Grant Submission Workshops (CG Specific): August 14, 2014, 2 PM –

RSVP: <https://docs.google.com/spreadsheet/viewform?formkey=dGNmaVp3TUVGTXlmSFBGbXFWVHk4cFE6MQ#gid=0>

Application Deadline: September 4, 2014 – 4PM

Description: This program is particularly appropriate for projects which encourage the preservation of heritage and cultural traditions, and social service organizations and cultural groups developing collaborative intervention projects. <http://miamidadearts.culturegrants.org/navigation/links/page/community-grants-program-cg>

National Aeronautics and Space Administration

Research Opportunities for ISS Utilization

Funding Opportunity Number: NNJ13ZBG001N

Pre-Application Deadline: August 29, 2014 (Cycle 7)

Application Deadline: November 14, 2014 (Cycle 7)

Description: The ISS NASA Education Projects Office is soliciting proposals from higher education institutions or consortia of organizations and institutions serving higher education who have concepts for flight experiments or demonstrations that utilize the unique ISS microgravity environment and can be conducted in a “1 unit” (1U) Nanoracks NanoLab.

<http://nspires.nasaprs.com/external/solicitations/solicitationAmmendments.do?method=init&solId={21E0270C-BC1F-EFC4-3D87-30713B5FF373}&path=open>

Planetary Data Archiving, Restoration, and Tools

Funding Opportunity Number: NNH14ZDA001N-PDART

Pre-Application Deadline: July 14, 2014

Application Deadline: September 5, 2014

Description: The Planetary Data Archiving, Restoration and Tools (PDART) solicits proposals to generate higher-order data products, archive and restore data sets or products, create or consolidate reference databases, digitize data, and develop or validate software tools.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={608AA4F5-98AF-BA4F-E11B-64D6B4D8A111}&path=open>

Use of the Space Communications and Navigation (SCaN) Testbed: A Communications, Navigation and Networking Reconfigurable Testbed

Funding Opportunity Number: NNC12ZRH002C

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu

Application Deadline: July 31, 2014

Description: NASA invites proposers to participate in the development, integration, and on-orbit execution of research and technology experiments and demonstrations using the Space Communication and Navigation (SCaN) Testbed aboard the International Space Station (ISS).

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={2BC3D57B-16BA-0527-331E-20C77A6F1BF5}&path=open>

National Institutes of Health

U.S.-India Bilateral Collaborative Research Partnerships (CRP) on Diabetes Research (R21)

Funding Opportunity Number: RFA-DK-14-006

Application Deadline: September 18, 2014

Description: This Funding Opportunity Announcement (FOA) invites Exploratory/Developmental (R21) applications from United States (U.S.)-funded institutions with an Indian institution partner to establish Collaborative Research Partnerships (CRP) to advance science and technology important to understanding, preventing, and treating diabetes and its complications. This FOA will utilize the research capacities of the institutions and scientists in both countries to advance science and technology important to understanding, preventing, and treating diabetes and its complications. <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-006.html>

Undergraduate Research Education Program (UP) to Enhance Diversity in the Environmental Health Sciences (R25)

Funding Opportunity Number: RFA-ES-14-004

Application Deadline: August 15, 2014

Description: The goal of this NIEHS undergraduate research education R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce in the environmental health sciences. To this end, this funding opportunity announcement encourages the development of creative educational activities with a primary focus on research experiences for undergraduates at the junior and senior level. <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-004.html>

NINDS Exploratory Grant Program in Parkinson's Disease Research (P20)

Funding Opportunity Number: RFA-NS-14-011

Application Deadline: September 29, 2014

Description: This Funding Opportunity Announcement (FOA) requests Exploratory Grant (P20) applications for the planning and initiation of collaborative research activities to advance Parkinson's Disease (PD) research. Interventional clinical trials will not be supported by this FOA. <http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-14-011.html>

Administrative Supplements for Minority Health and Mental Health Disparities Research (Admin Supp)

Funding Opportunity Number: PAR-14-238

Application Deadline: August 1, 2014

Description: The purpose of this FOA is to support Administrative Supplements to active NIMH grants to address mental health disparities among racial and ethnic groups in the United States. Specifically, supplements should clarify distinct mechanisms underlying differences in risk, resilience, morbidity, and optimal delivery of interventions for mental disorders among diverse racial and ethnic groups.

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-238.html>

Oncology Models Forum (U24)

Funding Opportunity Number: PAR-14-239

Application Deadline: Multiple dates, see announcement.

Description: The purpose of this Funding Opportunity Announcement (FOA) is to invite Cooperative Agreement (U24) applications that propose to establish and maintain an "Oncology Models Forum".

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-239.html>

Collaborative Research Projects to Enhance Applicability of Mouse Models for Translational Research (Collaborative R01)

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu

Funding Opportunity Number: PAR-14-240

Application Deadline: Multiple dates, see announcement.

Description: The purpose of this Funding Opportunity Announcement (FOA) is to invite applications for collaborative R01 projects from multi-disciplinary teams to expand, improve, or transform the utility of mouse cancer and tumor models for translational research. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-240.html>

Research Projects to Enhance Applicability of Mouse Models for Translational Research (R01)

Funding Opportunity Number: PAR-14-241

Application Deadline: Multiple dates, see announcement.

Description: The purpose of this Funding Opportunity Announcement (FOA) is to invite applications for projects to expand and improve the utility of mouse cancer and tumor models for translational research. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-241.html>

Specialized Alcohol Research Centers (P50)

Funding Opportunity Number: RFA-AA-15-001

Application Deadline: December 3, 2014

Description: This Funding Opportunity Announcement (FOA) invites applications for specialized Alcohol Research Centers using the P50 mechanism. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-15-001.html>

Comprehensive Alcohol Research Centers (P60)

Funding Opportunity Number: RFA-AA-15-002

Application Deadline: December 3, 2014

Description: This Funding Opportunity Announcement (FOA) invites applications for Comprehensive Alcohol Research Centers using the P60 mechanism that must include an information dissemination core to initiate and expand community education, related to the overall goal of the center. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-15-002.html>

Clinical Trial on the Effects of Interventions Aiming to Reduce Chronic Inflammation in Older Adults: Pilot Phase (U01)

Funding Opportunity Number: RFA-AG-15-006

Application Deadline: October 8, 2014

Description: The purpose of this FOA is to conduct a pilot study (or studies) and/or secondary analyses to collect information needed to develop and implement a successful intervention study on effects of reducing low-grade chronic inflammation on mobility limitations in older adults. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-15-006.html>

Integrated Preclinical/Clinical Program for HIV Topical Microbicides and Biomedical Prevention (IPCP-MBP) (U19)

Funding Opportunity Number: RFA-AI-14-025

Application Deadline: November 18, 2014

Description: The purpose of this Funding Opportunity Announcement is to solicit applications from single institutions and consortia of institutions to participate in the Integrated Preclinical Clinical Program for HIV Topical Microbicides and Biomedical Prevention (IPCP-MBP). The objective of each IPCP-MBP application is to create an integrated and iterative multi-disciplinary application with the goal of developing a microbicide, PreExposure Prophylaxis (PrEP), or Multipurpose Prevention Technology (MPT) non-vaccine biomedical prevention (nBP) product or strategy, for use in the male and/or female genital and gastrointestinal (GI) tracts to prevent HIV acquisition/transmission. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-025.html>

Development of Sample Sparing Assays for Monitoring Immune Responses (U24)

Funding Opportunity Number: RFA-AI-14-027

Application Deadline: November 18, 2014

Description: The purpose of this funding opportunity announcement (FOA) is to accelerate the development and validation of sample sparing assays that can be applied for studying the human immune system in health and disease. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-027.html>

Molecular and Cellular Characterization of Screen-Detected Lesions (U01)**Funding Opportunity Number:** RFA-CA-14-010**Application Deadline:** September 17, 2014

Description: The goal of this Funding Opportunity Announcement (FOA) is to solicit applications from independent, multi-disciplinary teams to undertake a comprehensive molecular and cellular characterization of tumor tissue, cell, and microenvironment components to distinguish screen-detected early lesions from interval and symptom-detected cancers. Individual research teams will pursue one or more aspects of molecular and cellular analysis of one or more of the specified tumor sites (breast, prostate, lung, melanoma, and pancreas). In addition to individual studies, a major collaborative effort within the Consortium will be the establishment of an annotated biospecimen repository of screen-detected lesions and interval cancers.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-14-010.html>

Molecular and Cellular Characterization of Screen-Detected Lesions - Coordinating Center and Data Management Group (U01)**Funding Opportunity Number:** RFA-CA-14-011**Application Deadline:** September 17, 2014

Description: This Funding Opportunity Announcement (FOA) solicits U01 applications for a Coordination and Data Management Group (CDMG) as a component of a Consortium to conduct biological analysis of screen-detected, interval-detected, and symptom-detected Cancers.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-14-011.html>

The Use of Polyethylene Glycol in the Pediatric Population (R01)**Funding Opportunity Number:** RFA-FD-14-088**Application Deadline:** July 15, 2014

Description: The purpose of the proposed study is to better understand the extent of pediatric accumulation of low molecular weight (LMW) species that may be found in PEG 3350 products (e.g., ethylene and diethylene glycol) and of PEG 3350 metabolites. <http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-14-088.html>

Research on Chronic Overlapping Pain Conditions (R21)**Funding Opportunity Number:** PA-14-243**Application Deadline:** Multiple dates, see announcement.

Description: The purpose of this Funding Opportunity Announcement (FOA) is to encourage epidemiological, clinical and translational research that will increase our understanding of the natural history, prevalence, biological mechanisms, psychological variables, and clinical risk factors responsible for the presence of multiple chronic pain conditions in people with pain. <http://grants.nih.gov/grants/guide/pa-files/PA-14-243.html>

Research on Chronic Overlapping Pain Conditions (R01)**Funding Opportunity Number:** PA-14-244**Application Deadline:** Multiple dates, see announcement.

Description: The purpose of this Funding Opportunity Announcement (FOA) is to encourage epidemiological, clinical and translational research that will increase our understanding of the natural history, prevalence, biological mechanisms, psychological variables, and clinical risk factors responsible for the presence of multiple chronic pain conditions in people with pain. <http://grants.nih.gov/grants/guide/pa-files/PA-14-244.html>

Role of the Microflora in the Etiology of Gastro-Intestinal Cancer (R01)**Funding Opportunity Number:** PAR-14-242

Application Deadline: November 4, 2014; March 3, 2015; November 4, 2015; March 3, 2016; November 4, 2016; March 3, 2017, by 5:00 PM local time of applicant organization.

Description: This Funding Opportunity Announcement (FOA) encourages innovative multidisciplinary research projects that will advance our mechanistic understanding of microflora influences on Gastro-Intestinal (GI) carcinogenesis. <http://grants.nih.gov/grants/guide/pa-files/PA-14-242.html>

Translational Programs in Lung Diseases (P01)**Funding Opportunity Number:** PAR-14-245

Application Deadline: September 22, 2014; May 19, 2015; September 22, 2015; May 19, 2016; September 22,

2016; May 19, 2017, by 5:00 PM local time of applicant organization.

Description: This Funding Opportunity Announcement (FOA) invites submission of Program Project (P01) applications from institutions/organizations that will perform collaborative, translational research with the goal of using mechanistic research as the basis for the rational design of clinical applications to improve prevention, diagnosis and/or treatment of lung diseases and sleep disorders. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-245.html>

NIOSH Support for Conferences and Scientific Meetings (R13)

Funding Opportunity Number: PAR-14-246

Application Deadline: Multiple dates, see announcement.

Description: The purpose of the NIOSH Conference Grant Program (R13) is to support high quality, investigator-initiated scientific conferences/meetings that are relevant to its scientific mission and to the public health <http://grants.nih.gov/grants/guide/pa-files/PAR-14-246.html>

Basic Research on HIV Persistence (R01)

Funding Opportunity Number: PAR-14-247

Application Deadline: Multiple dates, see announcement.

Description: This Funding Opportunity Announcement (FOA) invites Research Project Grant (R01) applications for hypothesis-driven basic research to increase our understanding of persistent HIV-1 infection in patients under highly active anti-retroviral therapy (HAART). <http://grants.nih.gov/grants/guide/pa-files/PAR-14-247.html>

Basic Research on HIV Persistence (R21)

Funding Opportunity Number: PAR-14-248

Application Deadline: Multiple dates, see announcement.

Description: This Funding Opportunity Announcement (FOA) invites Exploratory/Developmental Research Grant (R21) applications for hypothesis-driven basic research to increase our understanding of persistent HIV-1 infection in patients under highly active anti-retroviral therapy (HAART). <http://grants.nih.gov/grants/guide/pa-files/PAR-14-248.html>

Developing and Improving Institutional Animal Resources (G20)

Funding Opportunity Number: PAR-14-251

Application Deadline: August 1, 2014

Description: This FOA encourages applications from biomedical research institutions to seek funding to modernize and improve individual animal research facilities. Support can also be requested to upgrade animal care equipment in the facility. It is expected that all award funds will be expeditiously expended and that applicants will consider the use of sustainable technologies and design approaches. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-251.html>

HLA and KIR Region Genomics in Immune-Mediated Diseases (U01)

Funding Opportunity Number: RFA-AI-14-012

Application Deadline: October 20, 2014

Description: This Funding Opportunity Announcement (FOA) invites applications from investigators to participate in the HLA and KIR Region Genomics in Immune Mediated Diseases Consortium (HLAGC), formerly the HLA Region Genomics in Immune-Mediated Diseases Consortium. This cooperative research group supports projects defining the association between variations in the human leukocyte antigen (HLA), also known as the Major Histocompatibility Complex (MHC), and natural killer cell immunoglobulin-like receptor (KIR) genetic regions and immune-mediated diseases, including outcomes following cell, tissue, and organ transplantation. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-012.html>

HLA and KIR Region Genomics in Immune-Mediated Diseases (U19)

Funding Opportunity Number: RFA-AI-14-013

Application Deadline: October 20, 2014

Description: This Funding Opportunity Announcement (FOA) invites applications from investigators to participate in the HLA and KIR Region Genomics in Immune Mediated Diseases Consortium (HLAGC), formerly the HLA Region Genomics in Immune-Mediated Diseases Consortium.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-013.html>

Polycystic Kidney Disease (PKD) Research and Translation Core Centers (P30)

Funding Opportunity Number: RFA-DK-14-013

Application Deadline: November 20, 2014

Description: This Funding Opportunity Announcement (FOA) invites applications for Polycystic Kidney Disease (PKD) Research and Translation Core Centers to support both basic and clinical research on PKD.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-013.html>

Innovative Approaches for the Identification of Mitochondria-Cell Signaling Networks in Response to Environmental Stress

Funding Opportunity Number: RFA-ES-14-006

Application Deadline: September 15, 2014

Description: This Funding Opportunity Announcement (FOA) supports the development of technologies and experimental models to more precisely track signaling between the mitochondria and other cellular processes under environmental stress conditions, including mitochondrial-nuclear signaling with respect to epigenetic regulation, DNA damage response, or response to oxidative stress.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-006.html>

Superfund Hazardous Substance Research and Training Program (P42)

Funding Opportunity Number: (RFA-ES-14-007)

Application Deadline: September 3, 2014

Description: SRP Center grants will support problem-based, solution-oriented Research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative, community engagement, research translation, training, and research support functions. <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-14-007.html>

Predictive in vitro Methods for Characterizing Product Performance, Case Study: Furosemide (U01)

Funding Opportunity Number: RFA-FD-14-080

Application Deadline: July 15, 2014

Description: This research project will explore additional methodology to characterize dissolution of furosemide (the model drug) in media containing milk, baby formula and Ensure Plus™. The suitability of methods including the in vitro methods using dissolution media containing milk, baby formula and Ensure Plus for predicting in vivo performance of furosemide (a poorly soluble and poorly permeable drug), classified as BCS (Biopharmaceutic Classification System) Class IV drug will be explored and determined. <http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-14-080.html>

Evaluating Predictive Methods and Product Performance in Healthy Adults for Pediatric Patients, Case Study: Furosemide (U01)

Funding Opportunity Number: RFA-FD-14-081

Application Deadline: July 15, 2014

Description: This research project will explore in vivo performance of furosemide in vivo in an environment similar to that seen in pediatric patients Furosemide will be given with milk, baby formula and Ensure Plus™ to healthy adults. The studies will be designed with emphasis on the absorption phase and the changes that may be detected during the first 4 to 6 hours after dosing. <http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-14-081.html>

Critical Path Public Private Partnerships

Funding Opportunity Number: RFA-FD-14-089

Application Deadline: July 25, 2014

Description: The goals of this program are to maintain the administrative and scientific infrastructure of existing consortia efforts while continuing to support the creation and execution of ongoing and new projects (such as a Neonatal Consortium) under the FDA's Critical Path Initiative.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-14-089.html>

Male Contraceptive Development Program (U01)**Funding Opportunity Number:** RFA-HD-14-034**Application Deadline:** August 11, 2014**Description:** This program aims to support a wide range of research, both basic and applied, with the goal of developing clinically useful male contraceptive products.<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-14-034.html>**NIMH Biobehavioral Research Awards for Innovative New Scientists (NIMH BRAINS) (R01)****Funding Opportunity Number:** RFA-MH-15-600**Application Deadline:** October 23, 2014; October 23, 2015; October 24, 2016, by 5:00 PM local time of applicant organization.**Description:** The NIMH Biobehavioral Research Awards for Innovative New Scientists (BRAINS) award is intended to support the research and research career development of outstanding, exceptionally productive scientists who are in the early, formative stages of their careers and who plan to make a long term career commitment to research in specific mission areas of the NIMH.<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-600.html>**Mentored Career Development Award to Build Research Capacity in Global Mental Health (K01)****Funding Opportunity Number:** RFA-MH-15-700**Application Deadline:** October 29, 2014**Description:** The purpose of the NIMH Mentored Career Development Award to Build Research Capacity in Global Mental Health is to provide support and "protected time" (three to five years) for an intensive, supervised career development experience that will facilitate the entry of early career investigators into the field of global mental health research and lead to research independence. The NIMH invites applications from advanced postdoctoral and/or recently appointed early research scientists (usually with a Ph.D., M.D., or equivalent degree and no more than six years of postdoctoral research experience at the time of application) in biomedical, behavioral, or clinical sciences who are pursuing global mental health research careers in areas supported by the NIMH. After the first year of the award, award recipients must spend at least four months per year in-country conducting research at research sites or institutions in [World Bank](#) defined low- or middle-income countries (LMICs).<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-700.html>**Research Supplements for Aging Research on Health Disparities (Admin Supp)****Funding Opportunity Number:** PA-14-256**Application Deadline:** Multiple dates, see announcement.**Description:** This Funding Opportunity Announcement (FOA) announces the availability of administrative supplements to support research that addresses disparities in aging and health, including preclinical, clinical and behavioral studies. <http://grants.nih.gov/grants/guide/pa-files/PA-14-256.html>**Multidisciplinary Studies of HIV and Viral Hepatitis Co-Infection (R21)****Funding Opportunity Number:** PAR-14-254**Application Deadline:** May 7, 2017**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to fill gaps in our understanding of a) the pathogenic interactions between HIV and hepatitis viruses, b) co-morbidities associated with HIV/hepatitis virus co-infection, and c) the effectiveness of interferon-free direct-acting antiviral drug regimens to treat HIV/HCV co-infection.<http://www.hhs.gov/ash/initiatives/hepatitis/index.html><http://grants.nih.gov/grants/guide/pa-files/PA-14-254.html>**Multidisciplinary Studies of HIV and Viral Hepatitis Co-Infection (R01)****Funding Opportunity Number:** PAR-14-255**Application Deadline:** May 7, 2017**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to fill gaps in our understanding of a) the pathogenic interactions between HIV and hepatitis viruses, b) co-morbidities associated with HIV/hepatitis virus co-infection, and c) the effectiveness of interferon-free direct-acting antiviral drug regimens to treat HIV/HCV co-infection.

<http://www.hhs.gov/ash/initiatives/hepatitis/index.html>.
<http://grants.nih.gov/grants/guide/pa-files/PAR-14-255.html>

Research Using Biosamples From Selected Type 1 Diabetes Clinical Studies (DP3)**Funding Opportunity Number:** PAR-14-257**Application Deadline:** November 20, 2014

Description: This Funding Opportunity Announcement (FOA) invites applications for ancillary studies using archived samples from selected diabetes clinical trials and studies. Ancillary studies are expected to generate scientific discoveries on type 1 diabetes primary pathogenesis or the pathogenesis of complications, and biomarkers of disease progression or clinical responses to interventions. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-257.html>

Research Using Subjects From Selected Type 1 Diabetes Clinical Studies (Living Biobank) (DP3)**Funding Opportunity Number:** PAR-14-258**Application Deadline:** November 20, 2014

Description: This Funding Opportunity Announcement invites applications for ancillary studies that use subjects enrolled in (or screened for participation in) the Type 1 Diabetes TrialNet clinical trials network, or for ancillary studies that use subjects enrolled in the Diabetes Control and Complications Trial (DCCT)/Epidemiology of Diabetes Interventions and Complications (EDIC). <http://grants.nih.gov/grants/guide/pa-files/PAR-14-258.html>

Centers for Medical Countermeasures against Radiation Consortium (U19)**Funding Opportunity Number:** RFA-AI-14-055**Application Deadline:** October 3, 2014

Description: Applications are sought that propose multidisciplinary basic and translational research to support the development of new medical products that will assess, diagnose, mitigate and/or treat the short- and long-term consequences of radiation exposure after a radiological/nuclear terrorist event or accidental exposure. The goals of this FOA are to: 1) produce new techniques and devices to measure radiation exposure in the human body; 2) follow biomarkers of tissue damage and recovery; and 3) develop novel therapies to minimize tissue damage, hasten tissue recovery, restore normal physiological function, and improve survival. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-055.html>

Improving Diabetes Management in Young Children with Type 1 Diabetes (DP3)**Funding Opportunity Number:** RFA-DK-14-022**Application Deadline:** March 18, 2015

Description: The goal of this Funding Opportunity Announcement (FOA) is to support research to develop, refine, and pilot test innovative strategies to improve diabetes management in young children with type 1 diabetes (5 years old and under). At the end of the funding period, there should be a well-developed and well-characterized intervention that has been demonstrated to be safe, feasible to implement, acceptable in the target population, and, if promising, ready to be tested in a larger efficacy trial. <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-022.html>

Administrative Coordination Hub for the Pharmacogenomics Research Network, PGRN (U24)**Funding Opportunity Number:** RFA-GM-15-004**Application Deadline:** October 8, 2014

Description: This purpose of this funding opportunity announcement (FOA) is to solicit applications for an Administrative Coordination Hub for the Pharmacogenomics Research Network (PGRN). The main areas of responsibility will include meetings support, communications, and coordination of nascent network collaborations. Advance consultation is highly encouraged to ensure that a proposed application fits within this FOA. <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-15-004.html>

NIMH Supplement Program to Enable Continuity of Research Experiences of MD/PhDs during Clinical Training (Admin Supp)**Funding Opportunity Number:** PA-14-263

Application Deadline: Applications for FY 15 funds should be submitted no later than April 1, 2015 by 5:00 pm. Applications for FY 16 funds should be submitted no later than April 1, 2016. Applications for FY 17 funds should

be submitted no later than April 1, 2017.

Description: The purpose of the NIMH Administrative Supplement Program to Enable Continuity of Research Experiences of MD/PhDs during Clinical Training is to support advanced research opportunities for exceptional individuals holding the MD/PhD degree who are early in their research careers and thereby help these individuals transition efficiently and effectively from the period of clinical training to the next stage of their research careers. This administrative supplement program will provide focused, protected research time for eligible individuals during residency and/or clinical fellowship. All applicants are encouraged to discuss potential requests with the NIMH prior to submission (see [Section VII. Agency Contacts](#)). <http://grants.nih.gov/grants/guide/pa-files/PA-14-263.html>

Parkinson's Disease Biomarker Program (PDBP) Discovery Projects (U01)

Funding Opportunity Number: PAR-14-259

Application Deadline: September 4, 2014, February 4, 2015, May 4, 2015, September 4, 2015, February 4, 2016, May 4, 2016, by 5:00 PM local time of applicant organization.

Description: The purpose of this funding opportunity announcement (FOA) is to support up to three years of study for the discovery, assay optimization, and replication stages required for the development of biological biomarkers for Parkinson's disease (PD). <http://grants.nih.gov/grants/guide/pa-files/PA-14-259.html>

Interventions for Health Promotion and Disease Prevention in Native American Populations (R01)

Funding Opportunity Number: PAR-14-260

Application Deadline: May 12, 2015, May 12, 2016, May 12, 2017, by 5:00 PM local time of applicant organization. AIDS Application Due Date(s) August 24, 2015, August 24, 2016, August 24, 2017, by 5:00 PM local time of applicant organization.

Description: The purpose of this funding opportunity announcement (FOA) is to develop, adapt, and test the effectiveness of health promotion and disease prevention interventions in Native American (NA) populations. <http://grants.nih.gov/grants/guide/pa-files/PA-14-260.html>

Long-Term Outcomes of Bariatric Surgery Using Large Datasets (R01)

Funding Opportunity Number: PAR-14-262

Application Deadline: June 3, 2015

Description: NIDA is interested in supporting those applications that examine the trajectories of substance use and associated high-risk behaviors among persons who have received bariatric surgery. The funds will also provide support for a prospective element to the grant to acquire additional clinical measures or add elements to the current database to acquire outcomes described above. <http://grants.nih.gov/grants/guide/pa-files/PA-14-262.html>

Global "Omics" Approaches Targeting Adverse Pregnancy and Neonatal Outcomes Utilizing Existing Cohorts (R01)

Funding Opportunity Number: PAR-14-264

Application Deadline: October 7, 2014, October 7, 2015, October 7, 2016, by 5:00 PM local time of applicant organization.

Description: The purpose of this funding opportunity announcement (FOA) is to invite applications utilizing state of the science "Omics" technologies (such as genomics epigenomics, proteomics, and metabolomics), coupled to powerful bioinformatics tools, to target important pregnancy and neonatal health problems by using existing cohorts. <http://grants.nih.gov/grants/guide/pa-files/PA-14-264.html>

Innovative Assays to Quantify the Latent HIV Reservoir (R01)

Funding Opportunity Number: RFA-AI-14-020

Application Deadline: November 7, 2014

Description: The purpose of this Funding Opportunity Announcement (FOA) is to support research on new or improved methods for quantifying latently infected cells in HIV-positive individuals on effective antiretroviral therapy. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-020.html>

Development of Novel Therapeutics for Select Pathogens (R21/R33)

Funding Opportunity Number: RFA-AI-14-026

Application Deadline: October 20, 2014

Description: The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications to support basic to translational research focused on development of novel therapeutics against select antibiotic-resistant gram-negative bacteria or influenza. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-026.html>

Center of Excellence for Natural Product Drug Interaction Research (U54)

Funding Opportunity Number: RFA-AT-15-001

Application Deadline: December 4, 2014

Description: The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications for a Center of Excellence for Natural Product Drug Interaction Research to provide leadership in the study of natural product drug interactions. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AT-15-001.html>

Multidisciplinary and Collaborative Research Consortium to Reduce Oral Health Disparities in Children: A Multilevel Approach (UH2/UH3)

Funding Opportunity Number: RFA-DE-15-006

Application Deadline: Application Due Date(s): December 9, 2014, by 5:00 PM local time of applicant organization. AIDS Application Due Date(s): February 27, 2015 by 5:00 PM local time of applicant organization.

Description: The overall goal of this initiative is to establish effective interventions or programs to reduce or eliminate oral health disparities and inequalities in vulnerable U.S. children who are between 0 and 21 years of age. Multidisciplinary teams of investigators will refine and test an intervention or evaluate outcomes of an existing program or policy intended to reduce health disparities and inequalities. This FOA will use the UH2/UH3 cooperative agreement award mechanism and runs in parallel with a companion FOA that solicits applications for the Data Coordinating Center ([RFA-DE-15-007](http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-15-007.html)). Funding for an exploratory UH2 stage will be used for planning, feasibility testing, and developing study documents, including the study protocol and Manual of Procedures. UH2 projects that have met milestones will be administratively considered for transition to the UH3 implementation phase. Applicants responding to this FOA must address objectives for both the UH2 and UH3 phases. <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-15-006.html>

Multidisciplinary and Collaborative Research Consortium to Reduce Oral Health Disparities in Children: Data Coordinating Center (U01)

Funding Opportunity Number: RFA-DE-15-007

Application Deadline: Application Due Date(s): December 9, 2014, by 5:00 PM local time of applicant organization. AIDS Application Due Date(s): February 27, 2015, by 5:00 PM local time of applicant organization.

Description: The overall goal of this initiative is to establish effective interventions or programs to reduce or eliminate oral health disparities and inequalities in vulnerable U.S. children who are between 0 and 21 years of age. This FOA solicits applications for the Data Coordinating Center (DCC) and runs in parallel with a companion FOA that solicits applications for the individual projects to be funded under a UH2/UH3 cooperative agreement mechanism ([RFA-DE-15-006](http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-15-006.html)). <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-15-007.html>

Enriching the Hematology Research Workforce through Short-term Educational Experiences in Emerging Science Research Education Program Grant (R25)

Funding Opportunity Number: RFA-HL-15-006

Application Deadline: October 13, 2014

Description: The goal of this NHLBI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. Graduate students, medical students, postdoctoral fellows and early career faculty, are all eligible and hereafter referred to as participants.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-15-006.html>

Comparative Health System Performance in Accelerating PCOR Dissemination (U19)

Funding Opportunity Number: RFA-HS-14-011

Application Deadline: October 17, 2014

Description: As part of AHRQ's PCOR dissemination efforts, this AHRQ Funding Opportunity Announcement (FOA) invites applications for Centers of Excellence to identify, classify, track, and compare healthcare delivery systems ranging from integrated delivery systems to Accountable Care Organizations across the U.S. to help improve the speed of adoption and diffusion of CER-recommended practices through systems.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-14-011.html>

NIDDK Mentored Research Scientist Development Award (K01)

Funding Opportunity Number: PAR-14-266

Application Deadline: Multiple dates, see announcement.

Description: The purpose of the NIDDK Mentored Research Scientist Development Award (K01) is to provide support and protected time (three, four, or five years) for an intensive, supervised career development experience in the biomedical, behavioral, or clinical sciences leading to research independence. The NIDDK invites K01 applications from advanced postdoctoral and/or recently appointed junior faculty (usually with a Ph.D. degree) in biomedical or behavioral sciences who are pursuing careers in research areas supported by the NIDDK.

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-266.html>

Outstanding Investigator Award (R35)

Funding Opportunity Number: PAR-14-267

Application Deadline: Application Due Date: October 20, 2014, by 5:00 PM local time of applicant organization.

AIDS Application Due Date: January 7, 2015

Description: This Funding Opportunity Announcement (FOA) invites grant applications for the Outstanding Investigator Award (R35) in any area of cancer research.

The objective of the National Cancer Institute (NCI) Outstanding Investigator Award (OIA) is to provide long-term support to experienced investigators with outstanding records of cancer research productivity who propose to conduct exceptional research. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-267.html>

National Science Foundation

Tectonics

Funding Opportunity Number: 09-542

Application Deadline: July 7, 2014

Description: The Tectonics Program supports a broad range of field, laboratory, computational, and theoretical investigations aimed at understanding the formation, evolution, and deformation of continental lithosphere through time. http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf09542

International Research Network Connections

Funding Opportunity Number: 14-554

Application Deadline: July 7, 2014

Description: NSF expects to make a set of awards to: (1) link U.S. research networks with peer networks in other parts of the world and leverage existing international network connectivity; (2) support U.S. infrastructure and innovation of open network exchange points; (3) drive innovation and state-of-the-art capabilities for Research and Education (R&E) Network Operation Centers (NOC); (4) stimulate the development, application and use of advanced network measurement capabilities and services across international network paths; and (5) support community engagement in training and human and network capacity building, and coordination in advanced network engineering. High performance network connections funded by this program are intended to support science and engineering research and education applications, and preference will be given to solutions which provide the best economy of scale and demonstrate the ability to support the largest communities of interest with the broadest services. http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14554

Advancing Informal STEM Learning

Funding Opportunity Number: 14-555

Application Deadline: July 10, 2014

Description: The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants. The AISL program supports six types of projects: (1) Pathways, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, (5) Conferences, Symposia, and Workshops, and (6) Science Learning+ Proposals. http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14555

Cyberlearning and Future Learning Technologies**Funding Opportunity Number: 14-526****Application Deadline: July 14, 2014**

Description: The intention of this program is to advance technologies that specifically focus on the experiences of learners; innovations that simply focus on making teaching easier will not be funded. Proposals that focus on teachers or facilitators as learners are invited; the aim in these proposals should be to help teachers and facilitators learn to make the learning experiences of learners more effective.

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14526

Linguistics**Funding Opportunity Number: PD-98-1311****Application Deadline: July 15, 2014**

Description: The Linguistics Program accepts proposals for a variety of project types: research proposals from scholars with PhDs or equivalent degrees, proposals for Doctoral Dissertation Improvement Grants, and CAREER proposals. We will also consider proposals for workshops, conferences, and training programs. For more information about the Crosscutting Research and Training Opportunities, please visit the Cross-Directorate Activities web page. Here, you will find a brief synopsis about each program, as well as links guiding you to the appropriate Program Solicitations.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5408

Developmental and Learning Sciences**Funding Opportunity Number: PD-08-1698****Application Deadline: July 15, 2014**

Description: DLS supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens. The program is accepting proposals for individual investigator projects (average total budget of approximately \$100,000 per year) and workshops/ small conferences (average total one-time budget of approximately

\$15,000). http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671

Social Psychology**Funding Opportunity Number: PD-98-1332****Application Deadline: July 15, 2014**

Description: The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior. The scientific merit of a proposal depends on four important factors: (1) the problems investigated must be theoretically grounded. (2) The research should be based on empirical observation or be subject to empirical validation. (3) The research design must be appropriate to the questions asked. (4) The proposed research must advance basic understanding of social behavior. http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712

Linguistics Program - Doctoral Dissertation Research Improvement Awards**Funding Opportunity Number: 14-551****Application Deadline: July 15, 2014**

Description: The Linguistics Program does not make awards to support clinical research projects, nor does it support work to develop or assess pedagogical methods or tools for language instruction. DDRI proposals to document the linguistic properties of endangered languages should be submitted to the Documenting Endangered Languages (DEL). http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14551

Geobiology and Low-Temperature Geochemistry**Funding Opportunity Number: 09-552****Application Deadline: July 16, 2014**

Description: The Geobiology and Low-Temperature Geochemistry Program supports research on 1) the interactions between biological and geological systems at all scales of space and time; 2) geomicrobiology and biomineralization processes; 3) the role of life in the transformation and evolution of the Earth's geochemical cycles; 4) inorganic and organic geochemical processes occurring at or near the Earth's surface now and in the past, and at the broad spectrum of interfaces ranging in scale from planetary and regional to mineral-surface and supramolecular; 5) mineralogy and chemistry of soils and sediments; 6) surficial chemical and biogeochemical systems and cycles and their modification through natural and anthropogenic change; and 7) development of tools, methods, and models for low-temperature geochemistry and geobiological research - such as those emerging from molecular biology - in the study of the terrestrial environment.

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf09552

Geomorphology and Land-use Dynamics

Funding Opportunity Number: 14-550

Application Deadline: July 16, 2014

Description: Geomorphology and Land-use Dynamics supports innovative research into processes that shape and modify landscapes over a variety of length and time scales. The program encourages research that investigates quantitatively the coupling and feedback among such processes, their rates, and their relative roles, especially in the contexts of variation in climatic, biologic, and tectonic influences and in light of changes due to human impact.

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14550

Sedimentary Geology and Paleobiology

Funding Opportunity Number: 12-608

Application Deadline: July 17, 2014

Description: The Sedimentary Geology and Paleobiology Program (SGP) supports research in a wide variety of areas in sedimentary geology and paleobiology in order to comprehend the full range of physical, biological, and chemical processes of Earth's dynamic system. http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12608

Coupling, Energetics, and Dynamics of Atmospheric Regions

Funding Opportunity Number: 14-545

Application Deadline: July 17, 2014

Description: CEDAR is a broad-based, community-guided, upper atmospheric research program. The goal is to understand the behavior of atmospheric regions from the middle atmosphere upward through the thermosphere and ionosphere into the exosphere in terms of coupling, energetics, chemistry, and dynamics on regional and global scales. These processes are related to the sources of perturbations that propagate upward from the lower atmosphere as well as to solar radiation and particle inputs from above. The activities within this program combine observations, theory and modeling. http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14545

EAR Postdoctoral Fellowships

Funding Opportunity Number: 13-548

Application Deadline: July 18, 2014

Description: The Division of Earth Sciences (EAR) awards Postdoctoral Fellowships to recent recipients of doctoral degrees for research and training in topics relevant to Earth sciences. The fellows must develop and implement 1) research projects that seek to address scientific questions within the purview of EAR programs and 2) plans to broaden participation in Earth sciences. The program supports researchers for a period of up to 2 years with fellowships that can be taken to the institution of their choice (including facilities abroad).

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf13548

Faculty Early Career Development (CAREER) Program

Funding Opportunity Number: 14-532

Application Deadline: July 23, 2014

Description: CAREER: The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals

from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14532

USAID

Sustainable Fisheries Management Project

Funding Opportunity Number: RFA-641-14-000005

Application Deadline: July 9, 2014

Description: The project Purpose is to reduce the over-exploitation of marine resources. The project will intervene to reverse the trend of a collapsing marine fishery because “if fish stocks in the Gulf of Guinea are allowed to collapse – a very real possibility given the extreme over-fishing and presently low remaining biomass – the social, economic, and environmental impacts would be enormous.”

<http://www.grants.gov/web/grants/search-grants.html?keywords=RFA-641-14-000005>

Leadership in Economic Governance (LEV) program in Ukraine

Funding Opportunity Number: RFA-121-14-000010

Application Deadline: July 28, 2014

Description: The purpose of Leadership in Economic Governance is to improve the country’s business enabling environment by leveraging local organizations which have recognized technical proficiency and knowledge, and to strengthen the capacity of those organizations to identify policy corrections and motivate concrete institutional reforms. <http://www.grants.gov/web/grants/search-grants.html?keywords=RFA-121-14-000010>

Other—Susan G. Komen Breast Cancer Research

Career Catalyst Research (CCR) Grants

Funding Opportunity Number: N/A

Pre-Application Deadline: July 17, 2014

Application Deadline: November 20, 2014

Description: CCR grants provide support for hypothesis-driven research projects that have significant potential to advance our understanding of breast cancer, lead to reductions in breast cancer incidence and/or mortality, and move us toward the goal of a world without breast cancer. These grants are intended to foster promising breast cancer researchers who are in the early stages of their faculty careers. Two Research Focus Areas are included in this mechanism:

- CCR-Clinical Research – for clinical faculty proposing clinical research (as defined within the RFA); and
- CCR-Basic/Translational Research – for basic or clinical faculty proposing laboratory-based biomedical research.

<http://komen.us4.list-manage1.com/track/click?u=921a84188ebe28608151acdc&id=2bb99f7d0c&e=b772068301>

Postdoctoral Fellowships

Funding Opportunity Number: N/A

Pre-Application Deadline: July 17, 2014

Application Deadline: November 20, 2014

Description: Seek to attract and support promising scientists who are embarking on careers dedicated to breast cancer research. PDF grants provide support for basic research projects that have significant potential to advance our understanding of breast cancer, lead to reductions in breast cancer incidence and/or mortality, and move us toward the goal of a world without breast cancer. Two Research Focus Areas are included in this mechanism:

- PDF-Clinical Research – for clinical faculty proposing clinical research (as defined within the RFA); and
- PDF-Basic/Translational Research – for basic or clinical faculty proposing laboratory-based biomedical research.

<http://komen.us4.list-manage1.com/track/click?u=921a84188ebe28608151acdc&id=100aec9c69&e=b772068301>

Graduate Training in Disparities Research (GTDR) Grants

Funding Opportunity Number: N/A

Pre-Application Deadline: July 17, 2014

Application Deadline: November 20, 2014

Description: Intended to establish and/or to sustain a training program for graduate students who are seeking careers dedicated to understanding and eliminating disparities in breast cancer outcomes across population groups. By providing funding to outstanding training programs, Komen seeks to ensure that a diverse pool of highly trained scientists will emerge as the next generation of leaders in the field of breast cancer research.

<http://komen.us4.list-manage.com/track/click?u=921a84188ebe28608151acdcb&id=e0469c52a7&e=b772068301>

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