

3-2014

## DoR Communicator - March 2014

Division of Research, Florida International University

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March 2014 Issue

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## New project takes aim at a public health syndemic in the Caribbean

By Robyn Nissim

Public health crises don't happen in a vacuum; they begin and grow with the help of multiple, converging issues.

So researchers can't just try to stop the spread of HIV infections—they need to address all of the problems that may be contributing to that spread in order to recommend long-lasting, effective interventions.

With that in mind, Mark Padilla, Ph.D., M.P.H., associate professor of sociology in the Department of Global and Sociocultural Studies, School of International and Public Affairs, designed a new study entitled "Migration, Tourism, and the HIV/Drug Use Syndemic in the Dominican Republic." The Caribbean region has the second highest prevalence of HIV in the world after sub-Saharan Africa, and more than 75 percent of the region's AIDS cases are on the island of Hispaniola, which contains Haiti and the Dominican Republic. The Dominican Republic also hosts the greatest number of tourists and has the Caribbean's largest tourism investment. Padilla's study is the first large NIH-funded interdisciplinary research project to examine the social and structural risks—such as social isolation and availability of sex and drugs—for HIV and drug abuse associated with the tourism industry. Padilla aims to develop collaboratively a pilot intervention to support the health and well-being of Dominicans who

work in tourism zones, which may possibly serve as a model for vacation destinations that also face issues with thriving tourism sectors and rising rates of HIV infection, like South Florida.

Padilla has received wide support from a broad spectrum of public and private stakeholders in Miami and the Dominican Republic, including U.S. Congresswomen Ileana Ros-Lehtinen and Frederica Wilson and Congressman Alcee Hastings; Dr. Luis Rene Canaán, senator in the Dominican Congress and president of the Health Commission, and Dr. Lorenzo W. Hidalgo Núñez, Minister of Health for the Dominican Republic, all of whom are members of the study's Community Advisory Board. The board also includes representatives from the hospitality and tourism sectors as well as researchers from the academic community in the Dominican Republic.

The Chancellor of the Universidad Autónoma de Santo Domingo, Dr. Mateo Aquino Febrillet, visited FIU on February 3 to sign a Letter of Intent between the two universities, heralding the start of the project. A formal agreement will be completed by early March.

"This study demonstrates the university's strength in cross-regional, cross-dialogue research projects," says Andrés G. Gil, vice president of the university's Division of Research. "Multidisciplinary research is what our sponsor agencies are looking for when they make funding decisions. We encourage our faculty to keep this in mind when they are designing their projects."

The Division of Research offers assistance to all of FIU's researchers through our [Research Development](#) office. Please contact [Maureen Pelham](#) for more information.



*From left to right, Luis Salas, associate vice president for research, Andrés Gil, vice president for research, Mateo Aquino Febrillet, chancellor of the Universidad Autónoma de Santo Domingo, and Mark Padilla, associate professor, during the chancellor's recent visit to FIU to sign the Letter of Intent between both universities.*

## Upcoming Events

### March 2014

- **March 4** (time and location TBA), [Jim Klostergaard](#), Ph.D., professor of molecular and cellular oncology, The University of Texas, M. D. Anderson Cancer Center, Houston, will speak as part of the Biomolecular Sciences Institute seminar series. This event will be hosted by [Raphael Raptis](#), Ph.D.
- **March 12** from 3:30 to 5 pm, MARC Pavilion, discussion on Team Science by [David Shaw](#), Ph.D.
- **March 15**—[abstracts due](#) for the Third Annual Forensic Science Symposium
- **March 19** from 7 to 8 pm at Deering Estate at Cutler, [Macroalgae: Hidden Colors of the Sea](#)—[Ligia Collado-Vides](#), Ph.D., will discuss the link between research results and applications in marine conservation.
- **March 20** from 3:30 to 4:45 pm in AHC 4 # 402, **Publishing in Peer-Reviewed Journals**.
- **March 28** from 11 to 12 pm in AHC 3 #205, **Regulation of Eukaryotic DNA Replication and Repair Fidelity by Protein Acetylation: Potential for Influencing Aging**, presented by [Robert Bambara](#), Ph.D., professor, Department of Microbiology and Immunology and Department of Biochemistry and Biophysics, University of Rochester School of Medicine and Dentistry, Rochester, NY. This event is co-sponsored by the Biomolecular Sciences Institute and the Department of Chemistry & Biochemistry and hosted by [Yuan Liu](#), Ph.D.

### April 2014

- **April 3** from 3:30 to 5 pm, GC 150 (with reception in Faculty Club to follow), **No Offense!** CRLT Theatre Performance, the University of Michigan's Center for Research, Learning and Teaching (CRLT) Players (in a new performance), in collaboration with NSF ADVANCE/Women in Science.
- **April 23** from 1 to 2:30 pm, AHC 1 #110, **Summer Planning Workshop & Networking Lunch** sponsored by the Faculty Mentor Program.
- **April 30** from 1 to 7 pm and **May 1** from 8:30 am to 5 pm at SIPA Auditorium, [Third Annual Forensic Science Symposium](#). **Abstracts due by March 15**. Submit abstracts and register at <http://go.fiu.edu/ifri>

### May 2014

- **May 2**—professor [Philip C. Hanawalt](#), Department of Biology, Stanford University will speak as part of the Biomolecular Sciences Institute seminar series. This event is hosted by [Yuan Liu](#), Ph.D.
- **May 6**—**FIU Women Faculty Leadership Institute**, in collaboration with NSF ADVANCE/Women in Science.

## Awards Received—January 2014

Florida International University researchers were awarded \$10,768,817 in January 2014. Below is a summary:

**PI:** Benjamin C Amick III

**HEALTH POLICY AND MGMT**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Institute for Work & Health

**TITLE:** IWH Professional Services Contract

**AWARD:** \$ 81,440

**PI:** Atorod Azizinamini

**CIVIL AND ENVIRON ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** U.S. Department of Transportation

**TITLE:** Tier 1 University Transportation Center U.S. DOT Strategic Goal Focus

Area: State of Good Repair

**AWARD:** \$1,414,100

**PI:** Lorraine Bahrack

**CENTER FOR CHILDREN AND FAM**

**Award Action Type:** Initial

**AWARDING SPONSOR:** University of Miami

**TITLE:** Looking Ahead: Previous Gaze Durations Predict Next Gaze Durations in Infancy

**AWARD:** \$ 29,908

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriquez@fiu.edu](mailto:Mercedes.rodriquez@fiu.edu)

**PI:** Manuel Barbieri

**BIOLOGY**

**Award Action Type:** Increase

**AWARDING SPONSOR:** U.S. Department of Defense

**TITLE:** Functional Genomics of Disease-associated HLA Region Polymorphisms **AWARD:** \$ 252,637

**PI:** Luther G Brewster

**COM HUMANITIES HLTH AND SOC**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Opa-locka Community Development Corp

**TITLE:** Children's Trust Placed Based Services Partnership- Opa-Locka CDC & GFF-NHELP **AWARD:** \$ 45,000

**PI:** Kathryn Elizabeth Brogan

**DIETETICS AND NUTRITION**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Henry Ford Health System

**TITLE:** Encouraging Young Adults to Make Effective Nutrition Choices MENU Gen Y **AWARD:** \$ 7,651

**PI:** Kathryn Elizabeth Brogan

**DIETETICS AND NUTRITION**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Eastern Michigan University

**TITLE:** Parent Focused Obesity Intervention for Low Income African American Preschoolers **AWARD:** \$ 11,052

**PI:** Ellen Leslie Brown

**NURSING PhD PROGRAM**

**Award Action Type:** Supplemental

**AWARDING SPONSOR:** University of Miami

**TITLE:** Miami Area Geriatric Education Centers (MAGEC) **AWARD:** \$ 4,000

**PI:** Maria C Donoso

**EARTH AND ENVIRONMENT**

**Award Action Type:** Continuation

**AWARDING SPONSOR:** US Agency for International Development

**TITLE:** Integrated Water Resource Management **AWARD:** \$ 920,000

**PI:** Maria C Donoso

**EARTH AND ENVIRONMENT**

**Award Action Type:** Supplemental

**AWARDING SPONSOR:** US Agency for International Development

**TITLE:** Tanzania Integrated Water, Sanitation and Hygiene (iWASH) **AWARD:** \$ 4,300,000

**PI:** Michael Dudley

**UGS UNIVERSITY GRAD SCHOOL**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Council of Graduate Schools

**TITLE:** AGILE (Academy of Graduates for Integrative Learning Experiences)  
Formation of a Synergistic Community of Advanced Scholars **AWARD:** \$ 20,000

**PI:** Francisco Alberto Fernandez Lima

**CHEMISTRY**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Nova Southeastern University

**TITLE:** Development of radioligand for assay of angiotensin-converting enzyme-2 (ACE-2) **AWARD:** \$ 29,200

**PI:** Irma B Fernandez  
**OFFICE OF COMMUNITY ENGAGEMENT**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Education Effect **AWARD:** \$ 84,166

**PI:** Maria L Fernandez  
**COE TEACHING AND LEARNING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida State University  
**TITLE:** Subcontract with FSU **AWARD:** \$ 36,000

**PI:** F Javier Francisco Ortega  
**BIOLOGY**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Montgomery Botanical Center  
**TITLE:** Phylogeography and Conservation Genetics of The Caribbean Zamia Clade: An Integrated Systematic Approach with SSRs and Single Copy Nuclear –Salary Support **AWARD:** \$ 7,177

**PI:** F Javier Francisco Ortega  
**BIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Managing the Fairchild Challenge Program **AWARD:** \$ 3,000

**PI:** Stacy Lynn Frazier  
**PSYCHOLOGY**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** University of Illinois at Chicago  
**TITLE:** Center for the Study of Schools as a Context for Urban Children's Mental Health **AWARD:** \$ 13,904

**PI:** Karen S Fuller  
**MUSIC**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** Hannibal Cox Jr. **AWARD:** \$ 35,000

**PI:** Kenneth G Furton  
**INT FORENSIC RSCH INSTITUTE**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Navy Systems Management Agency  
**TITLE:** Evaluation of the Scent Collection System for Use in Canine Training **AWARD:** \$ 65,620

**PI:** Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Rural Transit Assistance Program  
**TITLE:** Incorporation of 2007-2011 Rural NTD Data into FTIS **AWARD:** \$ 99,136

**PI:** Raul Gonzalez Jr  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Impact of Cannabis Use on Neurocognitive Functioning of Individuals with HIV/AIDS **AWARD:** \$ 58,217



**PI:** Lei Guo

**PHYSICS**

**Award Action Type:** Continuation

**AWARDING SPONSOR:** Jefferson Lab

**TITLE:** Hadron Spectroscopy at Jefferson Lab

**AWARD:** \$ 5,970

**PI:** John Kominoski

**SOUTHEAST ENV RESEARCH CTR**

**Award Action Type:** Increase

**AWARDING SPONSOR:** National Science Foundation

**TITLE:** WSC- Category 3: Collaborative Research: Water Sustainability under Near-term Climate Change: A Cross-Regional Analysis Incorporating Socio-Ecological Feedbacks and Adaptations

**AWARD:** \$ 50,000

**PI:** Leonel Lagos

**ARC APPLIED RESEARCH CENTER**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Office of Environmental Management

**TITLE:** FIU's Research Support to the DOE's OEM: FIU'S Environmental Research

**AWARD:** \$ 11,797

**PI:** Leonel Lagos

**ARC APPLIED RESEARCH CENTER**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Office of Environmental Management

**TITLE:** FIU's Research Support to the DOE's OEM: Sub Project 3- Remediation

**AWARD:** \$ 24,464

**PI:** Leonel Lagos

**ARC APPLIED RESEARCH CENTER**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Office of Environmental Management

**TITLE:** FIU's Research Support to the DOE's OEM: Sub Project 1-FIU'S Environment

**AWARD:** \$ 56,345

**PI:** Leonel Lagos

**ARC APPLIED RESEARCH CENTER**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Office of Environmental Management

**TITLE:** FIU's Research Support to the DOE's OEM: FIU'S Environmental Research

**AWARD:** \$ 86,092

**PI:** Leonel Lagos

**ARC APPLIED RESEARCH CENTER**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Office of Environmental Management

**TITLE:** F FIU's Research Support to the DOE's OEM: Subproject Waste and D&D Eng

**AWARD:** \$ 121,301

**PI:** Leonel Lagos

**ARC APPLIED RESEARCH CENTER**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Scientific Research Corporation

**TITLE:** Cyber Space Research and Development for Department of Defense's TRMC-Phase I

**AWARD:** \$ 75,000

**PI:** Valentina Bruk Lee

**PSYCHOLOGY**

**Award Action Type:** Initial

**AWARDING SPONSOR:** University of South Florida

**TITLE:** Examining the impact of resilience on work stress and strains in nurses

**AWARD:** \$ 7,819

**PI:** Cathy Leff

**THE WOLFSONIAN**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Graham Foundation for Advanced Studies

**TITLE:** The Journal of Decorative and Propaganda Arts: Special Turkey Issue

**AWARD:** \$ 10,000

**PI:** Cathy Leff

**THE WOLFSONIAN**

**Award Action Type:** Initial

**AWARDING SPONSOR:** FIU Foundation

**TITLE:** Power of Design (POD) Fest

**AWARD:** \$ 200,000

**PI:** Christine Lisetti

**COMPUTER INFO SCIENCES**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Numedea Inc.

**TITLE:** SBIR Phase IIa: Building K-5 mathematical fluency through curriculum-based puzzle games within a collaborative virtual world

**AWARD:** \$ 70,000

**PI:** Amelia Maguire

**COB DEANS OFFICE**

**Award Action Type:** Initial

**AWARDING SPONSOR:** University of West Florida

**TITLE:** Small Business Development Center (SBDC): SBDC PTAC (Federal-DLA)

**AWARD:** \$ 44,553

**PI:** Amelia Maguire

**COB DEANS OFFICE**

**Award Action Type:** Initial

**AWARDING SPONSOR:** University of West Florida

**TITLE:** Small Business Development Center (SBDC): SBDC Federal (SBA)

**AWARD:** \$ 580,919

**PI:** Amelia Maguire

**COB DEANS OFFICE**

**Award Action Type:** Initial

**AWARDING SPONSOR:** University of West Florida

**TITLE:** Small Business Development Center (SBDC): SBDC Performance (State)

**AWARD:** \$ 193,719

**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 of polycyclic aromatic hydrocarbons and molecular properties of their key intermediates

**AWARD:** \$ 22,554

**PI:** Amir Mirmiran

**CIVIL AND ENVIRON ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Florida Department of Transportation

**TITLE:** Use of Fiber Reinforced Polymer Composite Cable for Post Tensioning Applications Phase 2

**AWARD:** \$ 84,769

**PI:** Amir Mirmiran

**CIVIL AND ENVIRON ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Florida Department of Transportation

**TITLE:** Lightweight Solid Decks for Movable Bridges, Phase 2 **AWARD:** \$ 105,887

**PI:** Francisco Mora

**LATIN AMERICAN AND CARIB CTR**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Tinker Foundation Inc.

**TITLE:** Tinker Field Research Grant **AWARD:** \$ 15,000

**PI:** Norman D Munroe

**OSAS ENGINEERING AND COMPUTING**

**Award Action Type:** Continuation

**AWARDING SPONSOR:** Florida Agricultural and Mechanical Univ

**TITLE:** Florida Georgia Louis Stokes for Minority Participation (FGLSAMP):  
Florida Georgia Louis Stokes

**AWARD:** \$ 7,500

**PI:** Norman D Munroe

**OSAS ENGINEERING AND COMPUTING**

**Award Action Type:** Continuation

**AWARDING SPONSOR:** Florida Agricultural and Mechanical Univ

**TITLE:** Florida Georgia Louis Stokes for Minority Participation (FGLSAMP):  
Participant Support

**AWARD:** \$ 40,500

**PI:** Bruce A Nissen

**CENTER LABOR RESEARCH STUDIES**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Ben & Jerry's Foundation

**TITLE:** Miami Taxi Workers Alliance: Organizing and Alliance Building for Economic Justice **AWARD:** \$ 20,000

**PI:** Steven Oberbauer

**BIOLOGY**

**Award Action Type:** Increase

**AWARDING SPONSOR:** North Carolina State University

**TITLE:** Water-carbon Links in a Tropical Forest: How Interbasin Groundwater Flow Effects  
Carbon Fluxes and Ecosystems Carbon Budgets

**AWARD:** \$ 77,280

**PI:** William E Pelham Jr

**CENTER FOR CHILDREN AND FAM**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Institute of Mental Health

**TITLE:** Improving Medication Adherence in ADHD Adolescents **AWARD:** \$ 733,804

**PI:** John Roberto Proni

**ARC APPLIED RESEARCH CENTER**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Green Biofuels Corporation

**TITLE:** Green Biofuels **AWARD:** \$ 15,000

**PI:** Jessica Ramella Roman

**BIOMEDICAL ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Institutes of Health

**TITLE:** Creation of a Novel Imaging System to Objectively Assess the Natural  
History of Treated and Unt

**AWARD:** \$ 49,496

**PI:** Jennifer Rehage

**SOUTHEAST ENV RESEARCH CTR**



**Award Action Type:** Initial**AWARDING SPONSOR:** South Florida Water Management District**TITLE:** Habitat Selection & Movement of Everglades Fishes in Response to Seasonal Hydrology: effects of variation in water levels & reversals**AWARD:** \$ 30,000**PI:** Naphtali Rishe**COMPUTER INFO SCIENCES****Award Action Type:** Increase**AWARDING SPONSOR:** National Science Foundation**TITLE:** I/UCRC Phase II: Center for Advanced Knowledge Enablement: VRS-Veteran Research Supplemen**AWARD:** \$ 10,000**PI:** Naphtali Rishe**COMPUTER INFO SCIENCES****Award Action Type:** Increase**AWARDING SPONSOR:** National Science Foundation**TITLE:** I/UCRC Phase II: Center for Advanced Knowledge Enablement: REU**AWARD:** \$ 16,000**PI:** Jay Sah**SOUTHEAST ENV RESEARCH CTR****Award Action Type:** Initial**AWARDING SPONSOR:** South Florida Water Management District**TITLE:** Status of Vegetation Structure and Composition within the Habitat of Cape Sable seaside sparrow Subpopulation D**AWARD:** \$ 38,000**PI:** Luis Salas**CENTER FOR ADMIN OF JUSTICE****Award Action Type:** Continuation**AWARDING SPONSOR:** U.S. Department of State**TITLE:** Case Tracking and Performance System for Costa Rican Narcotraffic Prosecutors**AWARD:** \$ 43,917**PI:** Sofia Santiesteban**COLLEGE ACCESS****Award Action Type:** Initial**AWARDING SPONSOR:** College Board Florida Partnership**TITLE:** FIU 2014 College Board Florida Partnership Expanded Opportunity Grant**AWARD:** \$ 61,870**PI:** Dorret E Sawyers**MULTICULTURAL PROGRAMS MMC****Award Action Type:** Initial**AWARDING SPONSOR:** Miami Foundation**TITLE:** LGBTQA Mentors Program**AWARD:** \$ 2,500**PI:** Georgio Tachiev**ARC APPLIED RESEARCH CENTER****Award Action Type:** Continuation**AWARDING SPONSOR:** National Park Service**TITLE:** Intergrated hydrological & water quality model using MIKE SHE & MIKE 11 Software**AWARD:** \$ 40,000**PI:** Yukching Tse Dinh**CHEMISTRY****Award Action Type:** Continuation**AWARDING SPONSOR:** National Institutes of Health**TITLE:** Control of DNA Topology**AWARD:** \$ 201,591

**PI:** Himanshu D Upadhyay  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Pacific Consensus  
**TITLE:** Pacific Consensus Website Support

**AWARD:** \$ 15,000

**PI:** Ping Zhu  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** Perform large-eddy simulations (LESs) in a forecasting hindcasting mode to explicitly resolve the air-sea transfer of oil/gas/aerosol into the atmosphere and horizontal and vertical transport of hydrocarbon in the atmospheric boundary layer

**AWARD:** \$ 82,962

## *Limited Submission Funding Opportunities*

Below is a limited submission funding opportunity with an internal deadline for the months of April and May 2014.

Agency	Program	Institutional Submission Limits	Internal Deadline	Agency Deadline
NIH	<a href="#"><u>Diabetes Research Centers (P30)</u></a> (RFA-DK-13-004)	Only one application per institution is allowed.	4/17/2014	Letter of Intent Due: 5/17/2014  Application Due: 6/17/2014
NIH	<a href="#"><u>Cystic Fibrosis Research and Translation Core Center (P30)</u></a> (RFA-DK-13-007)	Only one application per institution is allowed.	4/18/2014	Prelim Proposal Due: 5/18/2014  Agency Proposal Deadline: 6/18/2014
NSF	<a href="#"><u>Collections in Support of Biological Research (CSBR)</u></a> (NSF 13-557)	Only one proposal may be submitted from any individual collection within an organization. One organization may not submit more than three proposals to any one CSBR competition.	5/14/2014	7/14/2014

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 Defense**

**2014 Broad Agency Announcement: Engineering Research Development Center**

**Funding Opportunity Number:** W912HZ-14-BAA-01

**Application Deadline:** Jan 31, 2015

**Description:** The U.S. Army Engineer Research and Development Center (ERDC) has issued a Broad Agency Announcement (BAA) for various research and development topic areas. The ERDC consists of the Coastal and Hydraulics Lab (CHL), the Geotechnical and Structures Lab (GSL), the Environmental Lab (EL) and the Information Technology Lab (ITL) in Vicksburg, Mississippi; the Cold Regions Research and Engineering Lab (CRREL) in Hanover, New Hampshire; the Construction Engineering Research Lab (CERL) in Champaign, Illinois; and the Topographic Engineering Center (TEC) in Alexandria, Virginia. The ERDC is responsible for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing,

geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/ chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. The BAA is available at <http://erdc.usace.army.mil/> and is open until superseded. Proposals may be accepted at any time. For questions regarding proposals to CHL, EL, GSL, TEC & ITL, contact Derek Howard at 601-634-3310 or via email at [Derek.A.Howard@usace.army.mil](mailto:Derek.A.Howard@usace.army.mil). For questions concerning proposals to CERL, contact Wanda Huber at 217-373-6730 or via email at [wanda.l.huber@usace.army.mil](mailto:wanda.l.huber@usace.army.mil) or Andrea Krouse at 217-373-6746 or via email at [andrea.j.krouse@usace.army.mil](mailto:andrea.j.krouse@usace.army.mil). For questions concerning proposals to CRREL, contact Wendy Adams at 603-646-4323 or via email at [Wendy.A.Adams@usace.army.mil](mailto:Wendy.A.Adams@usace.army.mil). Contact the technical personnel listed at the end of each topic area for questions concerning the topic areas themselves.

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

### **Big Mechanism**

**Funding Opportunity Number:** DARPA-BAA-14-14

**Application Deadline:** March 18, 2014

**Description:** DARPA is soliciting innovative research proposals in the area of reading research papers and abstracts to construct and reason over explanatory, causal models of complicated systems. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice.

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

### **Memex**

**Funding Opportunity Number:** DARPA-BAA-14-21

**Pre-Application Deadline:** N/A

**Application Deadline:** April 8, 2014

**Description:** The Defense Advanced Research Projects Agency (DARPA) is soliciting proposals for innovative research to maintain technological superiority in the area of content indexing and web search on the Internet. Proposed research should investigate approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. The Memex program envisions a new paradigm, where one can quickly and thoroughly organize a subset of the Internet relevant to one's interests. Memex will address the inherent shortcomings of centralized search by developing technology for domain-specific indexing of web content and domain-specific search capabilities. Memex will develop technology to enable discovery, organization, and presentation of domain relevant content. The new search paradigm will provide fast, flexible, and efficient access to domain-specific content as well as search interfaces that offer valuable insight into a domain that previously remained unexplored. For further details see attached "DARPA-BAA-14-21" PDF document.

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

### **Defense Production Act (DPA) Title III Tungsten Rhenium Wire Production Sustainment Project**

**Funding Opportunity Number:** FOA-RQKM-2014-0008

**Pre-Application Deadline:** N/A

**Application Deadline:** March 31, 2014

**Description:** This Title III project shall create a viable domestic source capable of efficiently and cost effectively manufacturing a high yielding, reliable and reproducible tungsten - 3% rhenium wire meeting DoD and commercial Microwave Tube (MWT) Industry standards for use in vacuum tube electronics.

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

### **Functional Polymers for Advanced Materials**

**Funding Opportunity Number:** USAFA-BAA-2009-1-CALL-0014

**Application Deadline:** March 20, 2014

**Description:** The United States Air Force Academy is soliciting white papers/proposals for research under Section 1 - Funding Opportunity Description (a)(5), Chemistry (Chemistry Research Center) of the Broad Agency

Announcement USAFABAA-2009-1, Amendment 0004 to Initial Announcement posted on 30 September 2009, specifically for the synthesis of functional polymers for advanced materials applications. THIS WILL BE A TWO-STEP CALL ANNOUNCEMENT:

**FIRST STEP: WHITE PAPERS** submitted in response to this call should conform to the requirements found in USAFA-BAA-2009, section IV, and also include a brief resume of the principle investigator and a rough order of magnitude of cost. **WHITE PAPER DUE DATE AND TIME:** The due date for white papers submitted in response to this CALL is no later than 1630 MST on 20 March 2014. White papers received after the due date and time shall be governed by the provisions of FAR 52.215-1(c) (3).

**SECOND STEP: PROPOSALS, IF REQUESTED**—for full details visit <http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense>

### **FY 15 Communications and Networking Discovery and Invention**

**Funding Opportunity Number:** ONRBAA14-007

**Application Deadline:** June 30, 2014

**Description:** Proposals for potential FY15 Exploratory Development/Applied Research (Budget Activity 6.2) projects are sought under the following focus areas. Highly innovative ideas in other general communications and networking areas that are not within the designated focus areas below, but nonetheless are important to the Navy/Marine Corps, as determined under the synopsis section above may also be considered: 1. Interference cancellation and tunable high-Q band-pass/band-reject filtering technologies, as well as electronic protection techniques, for bent pipe SATCOM. 2. Algorithms for multi-commodity flow optimization, with multiple priorities, and inclusive of channelized frequency allocation/management (e.g., HF-IP) for robust, automated, and dynamic traffic engineering and routing. 3. Flow control smoothing and latency/jitter reduction for networked disruption-prone directional links (e.g., airborne CDL) using predictive algorithms. 4. IP multicast techniques that work efficiently with link-state routing and strict-priority oriented automated traffic engineering. The FULL ANNOUNCEMENT is available on the Grants.gov website by scrolling to the top of the synopsis page and clicking on the "FULL ANNOUNCEMENT" box surrounded by the dotted line at the top of the page.

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

## **Department of Education**

### **Office of Innovation and Improvement (OII): Credit Enhancement for Charter School Facilities Program**

**Funding Opportunity Number:** ED-GRANTS-011514-001

**CFDA Number(s):** 84.354

**Deadline for Transmittal of Applications:** March 3, 2014

**Description:** This program provides grants to eligible entities to permit them to enhance the credit of charter schools so that they can access private-sector and other non-Federal capital in order to acquire, construct, and renovate facilities at a reasonable cost. Grant projects awarded under this program will be of sufficient size, scope, and quality to enable the grantees to implement effective strategies for reaching that objective. For more information, visit [www.grants.gov](http://www.grants.gov) and search by opportunity number.

### **Educational Technology, Media, and Materials for Individuals With Disabilities--Stepping-up Technology Implementation**

**Funding Opportunity Number:** ED-GRANTS-010914-001

**CFDA Number(s):** 84.327

**Deadline for Transmittal of Applications:** March 10, 2014

**Description:** The purposes of the Educational Technology, Media, and Materials for Individuals with Disabilities Program are to: (1) improve results for students with disabilities by promoting the development, demonstration, and use of technology; (2) support educational activities designed to be of educational value in the classroom for students with disabilities; (3) provide support for captioning and video description that is appropriate for use in the classroom; and (4) provide accessible educational materials to children with disabilities in a timely manner. For more information, visit [www.grants.gov](http://www.grants.gov) and search by opportunity number.

### **Personnel Development To Improve Services and Results for Children With Disabilities--Personnel Preparation in Special Education, Early Intervention, and Related Services**

**Funding Opportunity Number:** Separate opportunities/focus areas listed under Description

**CFDA Number(s):** 84.325

**Deadline for Transmittal of Applications:** April 8, 2014

**Description:** The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, related services, early intervention, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children.

Focus areas:

(A) Opportunity Number: ED-GRANTS-020714-001 CFDA Number: 84.325K Preparing Personnel to Serve Infants, Toddlers, and Preschool-Age Children with Disabilities;

(B) Opportunity Number: ED-GRANTS-020714-002 CFDA Number: 84.325K-2 Preparing Personnel to Serve School-Age Children with Low Incidence Disabilities;

(C) Opportunity Number: ED-GRANTS-020714-003 CFDA Number: 84.325K-3 Preparing Personnel to Provide Related Services to Children, Including Infants and Toddlers, with Disabilities; and

(D) Opportunity Number: ED-GRANTS-020714-004 CFDA Number: 84.325K-4 Preparing Personnel in Minority Institutions of Higher Education to Serve Children, Including Infants and Toddlers, with Disabilities

For more information, visit [www.grants.gov](http://www.grants.gov) and search by opportunity number.

**Office of Special Education and Rehabilitative Services (OSERS): National Institute on Disability and Rehabilitation Research (NIDRR): Research Fellowships Program**

**Funding Opportunity Number:** ED-GRANTS-021314-001

**CFDA Number(s):** 84.133F-1

**Deadline for Transmittal of Applications:** April 14, 2014

**Description:** The purpose of the Research Fellowships Program is to build research capacity by providing support to highly qualified individuals, including those who are individuals with disabilities, to conduct research on the rehabilitation of individuals with disabilities. Only individuals are eligible to apply for Switzer Research Fellowships. Institutions of Higher Education (IHE) and other organizational entities may not submit applications either for themselves or for individuals. The person who seeks the fellowship must sign all the forms, and not a representative of an organizational entity with which the person is affiliated. Pre-Application Meeting: Interested parties are invited to participate in a pre-application meeting with NIDRR staff and to receive information and technical assistance appropriate to the Switzer Research Fellowships notice described in the NIA: These pre-application meetings will be held on March 6, 2014. Interested parties may participate in one of these meetings by conference call with NIDRR staff between 1:00 p.m. and 3:00 p.m., Washington, DC time. NIDRR staff also will be available from 3:30 p.m. to 4:30 p.m., Washington, DC time, on the same day, by telephone, to provide additional information and technical assistance through individual consultation. For further information or to make arrangements to participate in a pre-application meeting via conference call or to arrange for an individual consultation, contact Patricia Barrett at [patricia.barrett@ed.gov](mailto:patricia.barrett@ed.gov) or by telephone at (202) 245-6211. For more information, visit [www.grants.gov](http://www.grants.gov) and search by opportunity number.

**OSERS: NIDRR: Advanced Rehabilitation Research Training (ARRT) Program: Community Living and Participation**

**Funding Opportunity Number:** > Separate opportunities listed under Description

**CFDA Number(s):** 84.133

**Deadline for Transmittal of Applications:** April 14, 2014

**Description:** The purpose of NIDRR's ARRT program, which is funded through the Disability and Rehabilitation Research Projects and Centers Program, is to provide advanced research training and experience to individuals with doctorates, or similar advanced degrees, who have clinical or other relevant experience. ARRT projects train rehabilitation researchers, including researchers with disabilities, with particular attention to research areas that support the implementation and objectives of the Rehabilitation Act, and that improve the effectiveness of services authorized under the Rehabilitation Act. There is one priority for the three competitions, which will each address one of NIDRR's major domains of individual well-being: (a) community living and participation, (b) employment, or (c) health and function.



- (A) Opportunity Number: ED-GRANTS-021314-002 CFDA Number: 84.133P-1 Community Living and Participation;
- (B) Opportunity Number: ED-GRANTS-021314-003 CFDA Number: 84.133P-3 Employment; or
- (C) Opportunity Number: ED-GRANTS-021314-004 CFDA Number: 84.133P-4 Health and Function

**Pre-Application Meeting:** A pre-application meeting will be held between 1:00 p.m. and 3:00 p.m. on March 6, 2014 by teleconference. Interested parties are invited to participate in the pre-application meeting to discuss the funding priority and to receive information and technical assistance. You must contact Marlene Spencer at marlene.spencer@ed.gov by March 5, 2014 in order to participate in this meeting. NIDRR staff also will be available to provide information and technical assistance via individual phone consultations from 3:30 p.m. to 4:30 p.m. on March 6, 2014. Requests for individual consultations during this one-hour window must be made in advance to Marlene Spencer. For more information, visit [www.grants.gov](http://www.grants.gov) and search by opportunity number.

## Department of Energy

### Low Temperature Geothermal Mineral Recovery Program

**Funding Opportunity Number:** DE-FOA-0001016

**Application Deadline:** May 2, 2014

<http://www.grants.gov/search-grants.html?agencies%3DDOE|Department%20of%20Energy>

**Description:** While geothermal power is an attractive potential source for sustainable energy production, the high heat temperature requirements (typically >150°C) of most geothermal capture systems constrain geographic distribution and economic viability of geothermal energy production. Advancement of strategic material or mineral recovery aims to address this limitation. By partnering with geothermal and mineral industry stakeholders to develop additional revenue streams from brines, the economic viability of geothermal projects will increase while also allowing for increased geographic diversity of this clean, round-the-clock energy source. Rare earths and strategic minerals are essential for modern industry, especially clean-energy technologies, but are subject to supply risk in the face of ever-increasing demand. As an example, consumer uses of lithium batteries have soared over the last decade, powering everything from electric cars to tablets to cell phones. Global demand for lithium carbonate is expected to exceed 250,000 tons by 2017—a 60% increase over current usage. As demand grows in this burgeoning market, a reliable supply of critical materials for advanced manufacturing technologies is a growing concern. This program aims to help alleviate this type of supply bottleneck. The Energy Department seeks up to ten 1-2 year feasibility and/or applied R&D projects that will lead to commercialized technologies. Geothermal mining of rare earth and near-critical metals are the focus of this research, with the intent to effectively lower the cost of geothermal energy production while diversifying and stabilizing the supply of critical materials for domestic industries.

### Microgrid Research Development and System Design

**Funding Opportunity Number:** DE-FOA-0000997

**Application Deadline:** April 28, 2014

<http://www.grants.gov/search-grants.html?agencies%3DDOE|Department%20of%20Energy>

**Description:** The objective of this Funding Opportunity Announcement (FOA) is to solicit applications for financial assistance awards to enable microgrid development. This FOA is responsive to addressing high-priority research, development and demonstration activities, identified jointly with key stakeholders, to overcome key challenges facing broad adoption of microgrids for key commercial applications.

### Building Energy Efficiency Frontiers and Incubator Technologies (BENEFIT) – 2014

**Funding Opportunity Number:** DE-FOA-0001027

**Application Deadline:** April 21, 2014

<http://www.grants.gov/search-grants.html?agencies%3DDOE|Department%20of%20Energy>

**Description:** The Office of Energy Efficiency and Renewable Energy (EERE) has issued, on behalf of the Building Technologies Office (BTO), a Funding Opportunity Announcement (FOA) entitled Building Energy Efficiency Frontiers and Incubator Technologies (BENEFIT) - 2014, Number DE-FOA-0001027. The FOA is posted on the EERE eXCHANGE website at <https://eere-exchange.energy.gov>. Mandatory concept papers must be submitted through the EERE eXCHANGE website by March 6, 2014, followed by full applications due by April 21, 2014. Applicants must first register and create an account on the EERE eXCHANGE website. A User Guide for EERE eXCHANGE can be found at <https://eere-exchange.energy.gov/Manuals.aspx> after logging in to the system. The BENEFIT FOA includes the following Areas of Interest: Incubators (Off-Roadmap): Area of Interest 1: Open Topic

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriguez@fiu.edu](mailto:Mercedes.rodriguez@fiu.edu)



for Energy Efficiency Solutions for Residential and Commercial Buildings Innovative energy-efficiency technologies, approaches, or design tools NOT already supported or targeted by BTO are eligible to apply under this area of interest, providing they show a clear application to residential and/or commercial buildings with significant primary energy savings potential. Area of Interest 2: Innovative Sensors & Sensor Systems Develop open architecture sensors and sensor systems that easily share data to enable building operators and owners to cost effectively capture energy and cost savings through the use of new and existing control system applications. Major goals in this development area are low cost, data sharing, and ease of deployment (plug-n-play methodologies). Frontiers (Roadmap-Driven): Area of Interest 3: Advanced Energy-Efficient Clothes Dryers Applications are sought for advanced energy-efficient clothes dryers (vented and ventless). Economic and technical goals are defined for this area. Furthermore, concepts with measurable non-energy benefits, which are important for market success, are particularly encouraged. Area of Interest 4: Highly Insulating Building Envelope Components Subtopic 1, Visibly transparent building envelope components: There are technical and economic goals for this area that are significant improvements of current technology. Performance metrics include R-7 (residential) and R-5 (commercial). Subtopic 2, Opaque building envelope components: The metrics and targets for this subtopic are > R-8/inch building envelope thermal insulation material that can be added to either the exterior or interior walls in existing buildings at < \$0.30/ft<sup>2</sup> installed cost premium (labor and material).

## Department of Justice

### OVW FY 2014 Technical Assistance Program

**Opportunity Number:** OVW-2014-3702

**Application Deadline:** March 6, 2014

**Description:** The primary purpose of the OVW Technical Assistance Program is to provide direct technical assistance to existing and potential grantees and sub grantees to enhance and support their efforts to successfully implement projects supported by OVW grant funds. In addition, OVW is focused on building the capacity of criminal justice and victim services organizations to respond effectively to sexual assault, domestic violence, dating violence and stalking and fostering partnerships among organizations that have not traditionally worked together to address violence against women. <http://www.ovw.usdoj.gov/docs/fy-2014-ta-solicitation.pdf>

### The Intellectual Property Enforcement Program: Protecting Public Health, Safety, and the Economy from Counterfeit Goods and Product Piracy

**Opportunity Number:** BJA-2014-3772

**Application Deadline:** March 13, 2014

**Description:** The Intellectual Property Enforcement Program, administered by BJA, is designed to provide national support and improve the capacity of state, local, and tribal criminal justice systems to address intellectual property criminal enforcement, including prosecution, prevention, training, and technical assistance. Awards will be made by BJA to support law enforcement agencies in coordinating the goals, objectives, and activities of their intellectual property task forces in close collaboration with the relevant state, local, tribal, and federal agencies, to include local U.S. Attorneys' Offices (USAOs). This program is generally informed by section 401 of Public Law 110-403, which authorizes DOJ to provide funding to support state and local intellectual property theft enforcement efforts. <https://www.bja.gov/Funding/14IntelPropertySol.pdf>

### BJA FY 14 National Initiatives: Law Enforcement and Missing Persons with Alzheimer's Disease

**Opportunity Number:** BJA-2014-3778

**Application Deadline:** March 17, 2014

**Description:** This FY 2014 grant announcement focuses on national programs strategically targeted to address community and law enforcement needs. Specifically, this grant announcement focuses on developing community partnerships to assist law enforcement in locating and working with missing persons with Alzheimer's disease and related dementias. This initiative is funded under the Missing Alzheimer's Disease Patient Assistance Program. <https://www.bja.gov/Funding/14LE-AlzheimersSol.pdf>

### FY 2014 U.S. Department of Justice Coordinated Tribal Assistance Solicitation Funding

**Opportunity Number:** DOJ-2014-3709

**Application Deadline:** March 24, 2014

**Description:** In 2009, based on a series of meetings across the country addressing violent crime in Tribal communities, the DOJ made the decision to decrease the number of applications Tribes and Tribal consortia were required to submit to receive grant funds from the U.S. Department of Justice (DOJ). In 2010, DOJ launched its first-ever Coordinated Tribal Assistance Solicitation (CTAS) combining DOJ's existing Tribal government-specific competitive solicitations into one, and thus requiring only one application from each Tribe or Tribal consortium. <http://www.grants.gov/web/grants/search-grants.html>

## Environmental Protection Agency

### Systems-Based Research for Evaluating Ecological Impacts of Manufactured Chemicals

**Funding Opportunity Number:** EPA-G2014-STAR-E1

**Application Deadline:** March 4, 2014

**Description:** The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications focusing on integrated, transdisciplinary research that would advance scientific understanding of potential for impacts to ecosystem wellbeing associated with the use of manufactured chemicals. Specifically, the RFA would solicit proposals for systems-based research to develop and apply innovative metrics and modeling approaches to improve evaluation of ecological resilience and impact analyses, and to support environmental sustainability. Successful proposals will translate emerging and advanced methods, data, and computational tools to address complexity of these systems and distill drivers of adverse outcomes to ecological organisms and populations. [http://www.epa.gov/ncer/rfa/2014/2014\\_star\\_eco-impacts.html](http://www.epa.gov/ncer/rfa/2014/2014_star_eco-impacts.html)

### Early Career Awards: Systems-Based Research for Evaluating Ecological Impacts of Manufactured Chemicals

**Funding Opportunity Number:** EPA-G2014-STAR-E2

**Application Deadline:** March 4, 2014

**Description:** The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications focusing on integrated, transdisciplinary research that would advance scientific understanding of potential for impacts to ecosystem wellbeing associated with the use of manufactured chemicals. Specifically, the RFA would solicit proposals for systems-based research to develop and apply innovative metrics and modeling approaches to improve evaluation of ecological resilience and impact analyses, and to support environmental sustainability. Successful proposals will translate emerging and advanced methods, data, and computational tools to address complexity of these systems and distill drivers of adverse outcomes to ecological organisms and populations. [http://www.epa.gov/ncer/rfa/2014/2014\\_star\\_eco-impacts.html](http://www.epa.gov/ncer/rfa/2014/2014_star_eco-impacts.html)

### National Center for Sustainable Water Infrastructure Modeling Research

**Funding Opportunity Number:** EPA-G2014-STAR-H1

**Application Deadline:** March 10, 2014

**Description:** The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking initial applications proposing the creation of a National Center for Sustainable Water Infrastructure Modeling Research (Center) that facilitates technology transfer of open source water infrastructure models and shares green infrastructure tools and research advancements with local communities and stakeholders. EPA will review the initial applications based on the initial application review criteria in Section V and the submitters of the highest-ranked initial applications will be asked to submit full applications. Prior to submitting full applications, finalists will be invited to meet as a group with EPA's National Risk Management Research Laboratory to learn more about EPA capabilities and plans for sustainable water infrastructure models. To ensure equal access to information for all finalists, one meeting will be held at EPA in Cincinnati, OH on April 23, 2014. There will be videoconferencing available for those who do not, or cannot, attend in person and a meeting summary will be provided to all finalists (see section V for further information). [http://www.epa.gov/ncer/rfa/2014/2014\\_star\\_sustainable-water.html](http://www.epa.gov/ncer/rfa/2014/2014_star_sustainable-water.html)

### Fiscal Year 2014 Source Reduction Assistance Grant Program

**Funding Opportunity Number:** EPA-HQ-OPPT-2014-001

**Application Deadline:** March 11, 2014

**Description:** EPA annually awards grants and cooperative agreements under the Source Reduction Assistance (SRA) Grant Program to support pollution prevention/source reduction and/or resource conservation projects that reduce or eliminate pollution at the source. The grant program does not support projects that rely on reducing pollution by

using recycling, clean-up, treatment, disposal or energy recovery activities. This solicitation announces that EPA's Regional Pollution Prevention (P2) Program Offices anticipate having up to \$147,000, per region, or up to \$1,029,000 in total award funding to issue SRA awards in FY 2014. EPA will issue the awards in the form of grants and/or cooperative agreements. All funding will be awarded and managed by the EPA Regional P2 Program Offices. All estimates are subject to the availability of Congressional appropriations.

<http://www.epa.gov/p2/pubs/grants/index.htm>

### **Particulate Matter and Related Pollutants in a Changing World**

**Funding Opportunity Number:** EPA-G2014-STAR-G1

**Application Deadline:** March 4, 2014

**Description:** The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research on understanding particulate matter and related atmospheric pollutants in a changing world. Specifically, research is sought on the changing spatiotemporal patterns or environmental impacts of particulate matter in the United States, the challenges that various aspects of global change pose for the management of particulate matter and related pollutants, the rates and timescales at which global change can impact United States air quality, and stronger linkages between the modeling of atmospheric processes and other environmental processes. In order to understand and adapt to future changes, environmental planners and decision makers need information on the challenge global change presents for protecting the environment and human health; this solicitation seeks research on these challenges.

[http://www.epa.gov/ncer/rfa/2014/2014\\_star\\_pm.html](http://www.epa.gov/ncer/rfa/2014/2014_star_pm.html)

### **Early Career Awards: Particulate Matter and Related Pollutants in a Changing World**

**Funding Opportunity Number:** EPA-G2014-STAR-G2

**Application Deadline:** March 14, 2014

**Description:** The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research on understanding particulate matter and related atmospheric pollutants in a changing world. Specifically, research is sought on the changing spatiotemporal patterns or environmental impacts of particulate matter in the United States, the challenges that various aspects of global change pose for the management of particulate matter and related pollutants, the rates and timescales at which global change can impact United States air quality, and stronger linkages between the modeling of atmospheric processes and other environmental processes. In order to understand and adapt to future changes, environmental planners and decision makers need information on the challenge global change presents for protecting the environment and human health; this solicitation seeks research on these challenges.

[http://www.epa.gov/ncer/rfa/2014/2014\\_star\\_pm.html](http://www.epa.gov/ncer/rfa/2014/2014_star_pm.html)

### **Fiscal Year 2014 Pollution Prevention Grant Program**

**Funding Opportunity Number:** EPA-HQ-OPPT-2014-002

**Application Deadline:** March 20, 2014

**Description:** EPA releases Pollution Prevention (P2) grant funds to states and tribal government entities to deliver technical assistance and training to businesses. The intent of this effort is to assist state and tribal governments to encourage businesses to adopt environmental strategies and solutions that significantly reduce or eliminate waste from the source. EPA anticipates it will award approximately \$4.1 million in program funding during Fiscal Year (FY) 2014 to states and tribes. P2 grants will be awarded in the form of grants and/or cooperative agreements. All awards will be issued and managed by EPA's Regional Pollution Prevention Program Offices (herein referred to as the Regions). The amount of grant funding available is dependent upon Congressional appropriation and the quality of proposals received. <http://epa.gov/p2/pubs/grants/index.htm>

## **March of Dimes**

### **Prematurity Research Initiative (Pri) 2015 Program**

**Funding Opportunity Number:** N/A

**Online Letter of Intent Deadline:** April 15, 2014

**Application Deadline:** July 15, 2014

**Description:** This program seeks to advance knowledge in this specific area of prematurity research. The March of Dimes seeks applications requesting grant support for projects related to cause[s] (etiology) of normal labor and preterm labor. The intent is to provide new insights into preventing preterm births; in most cases the cause (and thus

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potential prevention) remains elusive. Emphasis is upon proposals using technology of or encompassing contemporary technologies of genetic, molecular biology and gene-environment interactions. Especially encouraged are proposals from established investigators heretofore not involved in prematurity prevention research and wishing to enter the prematurity domain. Other MOD programs are more appropriate for investigating medical complications of pregnancy, maternal and neonatal consequences of preterm birth, and social and behavioral ramifications of prematurity. <http://researchgrants.marchofdimes.com>

### **Basil O'Connor Starter Scholar Research Award 2015 Program**

**Funding Opportunity Number:** N/A

**Nomination Deadline:** March 14, 2014

**Application Deadline:** June 30, 2014

**Description:** This award is designed to support young scientists just embarking on their independent research careers. The applicants' research interests should be consonant with those of the March of Dimes' mission: The Mission of the March of Dimes is to improve the health of babies by preventing birth defects, premature birth and infant mortality. The March of Dimes defines a birth defect as any abnormality of structure or function, whether inherited, or acquired in utero and presenting in infancy or early childhood. Deviations from reproductive health of women and men as an underlying basis of birth defects, i.e. pre-conception events, perinatal course, and premature births, are appropriate subjects for research support. Relevance is interpreted broadly to include fundamental cell biology (embryogenesis, cell lineage, and differentiation), genetics and genomics, fundamental cellular and clinical pathogenesis of disorders of importance to mothers and infants, biomedical engineering and imaging, and social and behavioral aspects. Each application should be accompanied by a Letter of Support from a Nominator. The award is \$150,000 for two years, including 10 percent indirect costs to sponsoring institutions. The Basil O'Connor Starter Scholar Research Award is intended to be an initial independent grant to young investigators. Eligibility is thus restricted. The Nominator should first vouch for a candidate's having an unrestricted faculty position and lab space. PhD applicants should be no more than eight years past their degree. Successful applicants have traditionally had four to six years of postdoctoral training or other faculty-mentored work, but not more than eight years. For MD or MD/PhD applicants, the same 4-8 year timeline applies, but begins upon completion of the last year of clinical training required for medical specialty board certification. Requests for exceptions (e.g., pregnancy and maternity leave) should be directed to the Senior Vice President for Research & Global Programs. Basil O'Connor applicants may not be recipients of a major grant (e.g. an R01, or other grant exceeding \$200,000 a year) at the time of the application. If an application for such other grant is under review, eligibility for Basil O'Connor remains so long as it has not been awarded at the time of MOD review. Applicants who have transition faculty-mentored awards (e.g., K99/R00) are welcome, if they have completed the mentored portion. If not, application should be deferred. Candidates may not simultaneously submit an application for any other March of Dimes research program. Those who have previously submitted an application to the March of Dimes are not eligible for a Basil O'Connor Award unless permission has been explicitly given; however, application for a regular research grant is welcomed. <http://researchgrants.marchofdimes.com>

### **Year 2015 March of Dimes Research Program Request for Proposals**

**Funding Opportunity Number:** N/A

**Online Letter of Intent Deadline:** April 30, 2014

**Application Deadline:** July 15, 2014

**Description:** MOD invites all qualified scientists with faculty appointments or the equivalent, at universities, hospitals and research institutions (not for profit or profit), to submit applications for research grants relevant to our mission. This encompasses basic biological processes governing differentiation and development, genetics and genomics of these processes, clinical studies, reproductive health and environmental toxicology, and social and behavioral studies concerning cognitive and behavioral risks that affect outcomes of pregnancy, the perinatal period, and subsequent child development. <http://researchgrants.marchofdimes.com>

Applications will be directed to one of three committees whose respective foci are:

- Cell Lineage and Differentiation
- Gene Discovery and Translational Medicine
- Social and Behavioral Sciences. This involves family units and includes genes, toxicants, social determinants that adversely affect language or behavior, especially if involving premature infants or children with birth defects.



## Miami-Dade County Department of Cultural Affairs

### Audience Access Grant Program

**Funding Opportunity Number:** N/A

**Application Deadline:** Ongoing

**Description:** The Department of Cultural Affairs is committed to continuing its collaborative efforts in working with people with disabilities and cultural/community organizations to help address ADA compliance issues, programmatic accessibility, and audience development and outreach efforts. The Department strives to ensure that all of its grantees are likewise committed to making their facilities and programs accessible to people of all abilities. 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>

### International Cultural Exchange (ICE)

**Funding Opportunity Number:** N/A

**CGO Online Grants System Workshops:** Visit CGO Miami Homepage for dates & times:

<http://miamidadearts.culturegrants.org/navigation/links/page/homepage>

**Application Deadline:** Monday, March 3, 2014 – 4 PM

**Description:** The International Cultural Exchange Grants Program offers grants to Miami-Dade County-based professional cultural organizations to support meaningful artistic exchange, partnerships or collaborations with artists, arts professionals and/or organizations abroad. The program aims to accomplish the following two objectives:

1. to elevate Miami-Dade County's image abroad; and
2. to support the efforts of Miami-Dade's professional artists and cultural organizations to improve their work by engaging in meaningful arts and cultural activities with artists, arts professionals (such as curators, historians, designers) and/or arts organizations abroad.

#### IF YOU REQUEST:

up to \$20,000

between \$20,001 and \$30,000

between \$30,001 and \$40,000

#### YOUR MINIMUM MATCHING REQUIREMENT IS:

one matching dollar to one grant request dollar

1.5 matching dollars to one grant request dollar

two matching dollars to one grant request dollar

Successful applicants are required to maintain matching funds in the same ratio as the category in which they applied. Total in-kind contributions for the project may not exceed 25% of the total project budget. An ICE grant shall not be considered the sole source of funding.

<http://miamidadearts.culturegrants.org/navigation/links/page/international-cultural-exchange-ice>

### Community Grants Program (CG)

**Funding Opportunity Number:** N/A

**Pre-Grant Submission Workshops (CG Specific):** Wednesday, February 26, 2014, 2 PM

**Application Deadline:** Wednesday, March 12, 2014– 4 PM

**Description:** Quarterly program responsive to non-profit organizations developing small to medium scale community-based cultural arts programs, projects and events, such as fairs, parades, neighborhood festivals, conferences and publications. 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>

### Hannibal Cox, Jr. (HCJ) Cultural Grants Program

**Funding Opportunity Number:** N/A

**Grant System Basics Workshop:** Visit CGO Miami Homepage for dates & times:

<http://miamidadearts.culturegrants.org/navigation/links/page/homepage>

**Application Deadline:** Thursday, March 13, 2014 – 4 PM

**Description:** The Hannibal Cox, Jr. Cultural Grants program provides funding and technical assistance support to

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mid-sized semi-professional and professional arts, scientific and historical organizations with a year round presence in Miami-Dade County of presenting, performing or exhibiting a full season of cultural activities. Applicants to this program must have a least a three year consecutive track record of providing year round professional artistic programming and presentation in Miami-Dade County and an annual operating budget of \$100,000 or more. Units of government may not apply.

<http://miamidadearts.culturegrants.org/navigation/links/page/hannibal-cox-jr-hcj>

- **Category A:** funds organizations with a two-year average annual operating cash revenue budget in excess of \$200,000 (excluding in-kind support) for operations and activities in Miami-Dade County only.
- **Category B:** funds organizations with an annual operating revenue budget between \$100,000-\$200,000 (including in-kind support of no more than 25% of total revenues) for operations and activities in Miami-Dade County only.

### **Capital Development (CAP) Grants Program**

**Funding Opportunity Number:** N/A

**Grant System Basics Workshop:** Visit CGO Miami Homepage for dates & times:

<http://miamidadearts.culturegrants.org/navigation/links/page/homepage>

**Application Deadline:** Tuesday, March 18, 2014 - 4 PM

**Description:** The Capital Development (CAP) grants program provides funding assistance to non-profit cultural organizations for capital improvement projects that are designed to expand, renovate, construct, and/or equip cultural facilities located within Miami-Dade County. These capital projects assist the nonprofit cultural community in providing increased public service, greater access, enhanced exhibition or performing space and in developing cultural facilities that can be operated more effectively and efficiently. Programs in facilities for which grants have been provided must be ADA accessible and promoted to the general public. Projects must have strong evidence of prior planning and imminent completion or “readiness” factor, as well a documented, secured maximum possible public and/or private match. Facilities improvement projects should be designed to improve the artistic capabilities of and/or the audience ability to experience programs in the applicant facilities. Grants are intended to have a major impact on the applicant organization, the patrons served by that organization and the surrounding community. Priority consideration will be given to facilities proposing ADA-compliance improvements. Grants are awarded on an extremely competitive basis based on panel evaluation. There is no guarantee that your proposal will be recommended for funding. In addition to other eligibility requirements listed in the CAP guidelines, organizations must have site control of the proposed facility (located in Miami-Dade County) either through ownership or having an executed long-term lease with an unexpired, 5-year minimum term (the lease must be in the non-profit’s name). It is mandatory to schedule a consultation appointment with the CAP program administrator **prior** to submitting an online application (access to the CAP online application will only be granted after the organization’s consultation has occurred). In addition, first-time applicants are required to also attend a Pre-Grant Submission Workshop before accessing the Culture Grants Online (CGO) system.

<http://miamidadearts.culturegrants.org/navigation/links/page/capital-development-cap>

### **Cultural Advancement Grant Program (ADV)**

**Funding Opportunity Number:** N/A

**Grant System Basics Workshop:** Visit CGO Miami Homepage for dates & times:

<http://miamidadearts.culturegrants.org/navigation/links/page/homepage>

**Application Deadline:** Thursday, March 20, 2014 - 4 PM

**Description:** The Cultural Advancement Grants Program operates on a three-year review cycle with a pre-application qualification and invitation to apply, comprehensive application submission, and a panel review completed in the first year (FY 2013-2014) and a more streamlined application form and review process for the subsequent two years (FY 2014-2015 and FY 2015-2016). ADV provides significant grants and technical assistance to a designated group of Miami-Dade County's mid to large size, artistically excellent and culturally diverse performing, visual, literary and presenting arts organizations. Qualifying organizations are engaged year-round in the creation or presentation of art, within or across artistic fields and disciplines, and demonstrate the potential to achieve regional, national, or international visibility as evidenced by current artistic programs and management structure. <http://miamidadearts.culturegrants.org/navigation/links/page/cultural-advancement-adv>

- **CATEGORY A:** Provides grants to professional, mid to large size arts organizations for the year-round creation or presentation of art. Applicants must have a historical organizational budget over \$500,000.

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriquez@fiu.edu](mailto:Mercedes.rodriquez@fiu.edu)



- **CATEGORY B:** Operates as an institute-type program providing grants, marketing and management assistance to semi-professional and professional, mid-size arts organizations with a historical organizational budget between \$200,000 and \$500,000.

**Audience Access Grant Program****Funding Opportunity Number:** N/A**Pre-Application Deadline:** N/A**Application Deadline:** Ongoing

**Description:** The Department of Cultural Affairs is committed to continuing its collaborative efforts in working with people with disabilities and cultural/community organizations to help address ADA compliance issues, programmatic accessibility, and audience development and outreach efforts. The Department strives to ensure that all of its grantees are likewise committed to making their facilities and programs accessible to people of all abilities. 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>

**Youth Arts Enrichment Grant Program****Funding Opportunity Number:** N/A**Pre-Application Deadline:** N/A**Application Deadline:** Tuesday, April 1, 2014 - 4:00 PM

**Description:** The Youth Arts Enrichment Program (YEP) was created as a joint initiative of the Miami-Dade County Department of Cultural Affairs and The Children's Trust. The YEP Grants Program is funded by The Children's Trust. The Trust is a dedicated source of revenue established by voter referendum to improve the lives of children and families in Miami-Dade County. The objective of the YEP Grants Program is to enrich the lives of children through the arts by making the arts available to more children and families throughout Miami-Dade County, whereby, children will have opportunities to have positive live arts experiences through: Arts Instruction; Arts Intervention; Healing/Expressive Arts; In-school Performances; or Public Performances/Exhibitions. Applicants to this program must have a minimum two-year consecutive track record of producing high quality, cultural arts programs for children and/or youth in Miami-Dade County. Applicants to this program must be the entity directly responsible for managing and implementing ALL administrative aspects of the proposed project, including but not limited to: program design, implementation, contracting for outside artists/services, reporting, data collection, etc.; Applications from educational institutions, municipalities, governmental entities or fiscal agents will not be accepted. <http://miamidadearts.culturegrants.org/navigation/links/page/youth-arts-enrichment-program-yep>

**Tourist Development Council Grant Program (TDC)****Funding Opportunity Number:** N/A**Pre-Grant Submission Workshops (TDC Specific):** Thursday, March 13, 2014, 2 PM**Application Deadline:** Thursday, April 10, 2014, 4 PM

**Description:** Quarterly program which provides support to significant cultural and/or special events, including sports activities and television/film origination projects that promote Miami-Dade County's appeal as a tourist destination. Activities must be able to stimulate tourism by increasing hotel occupancy and will have significant media impact for Miami-Dade County. <http://miamidadearts.culturegrants.org/navigation/links/page/tourist-development-council-tdc>

**Festivals Special Events (FEST)****Funding Opportunity Number:** N/A**Grant System Basics Workshop:** Visit CGO Miami Homepage for dates and times:<http://miamidadearts.culturegrants.org/navigation/links/page/homepage>**Application Deadline:** Friday, April 25, 2014 - 4:00PM

**Description:** The Festivals and Special Events Grants Program is designed to support major annual festivals and special events taking place during the fiscal year between October 1 and September 30. The program provides significant funding in two categories and three divisions to organizations which have an established reputation for excellence and credibility, are capable of attracting visitors on regional, national and/or international levels, and have a significant and positive impact on the perception of Miami-Dade County as a dynamic cultural community.

**DIVISION A (INTERNATIONAL IMPACT):**

Applicant organizations must have:

- a total average annual project budget of at least \$1,000,000 for the festival/special event (including in-kind services support not to exceed 25% of total cash project budget) based on the last completed two fiscal years;
- a minimum consecutive 3-year track record of producing the festival or special event;
- at least one paid professional full-time administrator;
- effective marketing strategies for regional, national and international markets, having a significant and positive impact on the perception of Miami-Dade County as a dynamic community and tourism destination;
- a reputation for excellence and credibility, and be capable of attracting visitors on regional, national and international levels; and
- matching funds from the private sector in a ratio of at least 3-to-1.

**DIVISION B (NATIONAL IMPACT):**

Applicant organizations must have:

- a total average annual project budget of at least \$400,000 for the festival/special event (including in-kind services support not to exceed 25% of total cash project budget) based on the last completed two fiscal years;
- a minimum 3-year consecutive history of producing the festival or special event;
- at least one paid professional full-time administrator;
- effective marketing strategies for regional and national markets, having a significant and positive impact on the perception of Miami-Dade County as a dynamic community and tourism destination;
- a reputation for excellence and credibility, and be capable of attracting visitors on regional and national or international levels; and
- matching funds from the private sector in a ratio of at least 2-to-1.

**DIVISION C (REGIONAL IMPACT):**

Applicant organizations must have:

- a total annual project budget between \$150,000 and \$400,000 for the festival/special event (including in-kind services support not to exceed 25% of total cash project budget) based on the last completed two fiscal years;
- a minimum 2-year consecutive history of producing the festival or special event;
- at least one paid professional part-time administrator;
- effective marketing strategies for regional markets, having a significant and positive impact on the perception of Miami-Dade County as a dynamic community and tourism destination;
- a reputation for excellence and credibility, and be capable of attracting visitors on regional levels; and
- matching funds from the private sector in a ratio of at least 1-to-1.

<http://miamidadearts.culturegrants.org/navigation/links/page/festivals-special-events-fest>

## **National Aeronautics & Space Administration**

### **Rapid Response and Novel Research in Earth Science**

**Funding Opportunity Number:** NNH13ZDA001N-RRNES

**Application Deadline:** March 31, 2014

**Description:** This program element solicits proposals that advance the goals and objectives of NASA's Earth Science Division by conducting unique research to investigate 1) unforeseen or unpredictable Earth system events and opportunities that require rapid response, and 2) novel new ideas of potential high merit and relevance for ESD science that have not otherwise been solicited by NASA in the past three years.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={1AD67557-8EEB-A20B-40AB-7E4901C40B90}&path=open>

### **Topical Workshops, Symposia, and Conferences**

**Funding Opportunity Number:** NNH13ZDA001N-TWSC

**Application Deadline:** March 31, 2014

**Description:** This program element solicits proposals for topical workshops, symposia, conferences, and other scientific/technical meetings (herein referred to as "events") that advance the goals and objectives of only the following SMD Divisions: Earth Science and Planetary Science.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={F383AF97-D201-8086-0441-48BF94D632BA}&path=open>

**IceBridge Research****Funding Opportunity Number:** NNH14ZDA001N-ICEBR**Application Deadline:** May 1, 2014

**Description:** This solicitation calls for proposals to use the data collected under the IceBridge mission to understand the mechanisms of change in the polar regions and their implications for global climate, sea level, and the polar environment. The program's overall goals are to understand the factors controlling the retreat and growth of the world's major sea- and land-based ice sheets and their interactions with the ocean, atmosphere, solid earth, and solar radiation. Field studies are discouraged, but will be considered if specifically focused on improving the utility of IceBridge data to address the research priorities.

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

**Atmospheric Composition: Spectral Climate Signal****Funding Opportunity Number:** NNH14ZDA001N-ACSCS**Application Deadline:** May 1, 2014

**Description:** This solicitation calls for proposals that use spectral data to better understand climate change and climate system natural variability on spatial scales ranging from regional to global, and time scales ranging from interannual to decadal. Further, this announcement solicits proposals that examine the information content, retrieval methods, time/space sampling, natural variability, and anthropogenic change detection using infrared and/or reflected solar spectra.

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

**National Endowment for the Humanities****Preservation Assistance Grants for Smaller Institutions****Funding Opportunity Number:** 20140501-PG**Application Deadline:** May 1, 2014

**Description:** Preservation Assistance Grants help small and mid-sized institutions such as libraries, museums, historical societies, archival repositories, cultural organizations, town and county records offices, and colleges and universities improve their ability to preserve and care for their significant humanities collections. These may include special collections of books and journals, archives and manuscripts, prints and photographs, moving images, sound recordings, architectural and cartographic records, decorative and fine art objects, textiles, archaeological and ethnographic artifacts, furniture, historical objects, and digital materials.

<http://www.neh.gov/grants/preservation/preservation-assistance-grants-smaller-institutions>

**Challenge Grants****Funding Opportunity Number:** 20140501-CH**Application Deadline:** May 1, 2014

**Description:** NEH challenge grants are capacity-building grants, intended to help institutions and organizations secure long-term support for their humanities programs and resources. Through these awards, many organizations and institutions have been able to increase their humanities capacity and secure the permanent support of an endowment. Grants may be used to establish or enhance endowments or spend-down funds that generate expendable earnings to support and enhance ongoing program activities. Challenge grants may also provide capital directly supporting the procurement of long-lasting objects, such as acquisitions for archives and collections, the purchase of equipment, and the construction or renovation of facilities needed for humanities activities. Funds spent directly must be shown to bring long-term benefits to the institution and to the humanities more broadly. Grantee institutions may also expend up to 10 percent of total grant funds (federal funds plus matching funds) to defray costs of fundraising to meet the NEH challenge. Because of the matching requirement, these NEH grants also strengthen the humanities by encouraging nonfederal sources of support. <http://www.neh.gov/grants/challenge/challenge-grants>

**Fellowships for Advanced Social Science Research on Japan****Funding Opportunity Number:** 20140501-FO**Application Deadline:** May 1, 2014

**Description:** The Fellowship Program for Advanced Social Science Research on Japan is a joint activity of the Japan-U.S. Friendship Commission (JUSFC) and the National Endowment for the Humanities. Awards support

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriguez@fiu.edu](mailto:Mercedes.rodriguez@fiu.edu)

research on modern Japanese society and political economy, Japan's international relations, and U.S.-Japan relations. The program encourages innovative research that puts these subjects in wider regional and global contexts and is comparative and contemporary in nature. Research should contribute to scholarly knowledge or to the general public's understanding of issues of concern to Japan and the United States. Appropriate disciplines for the research include anthropology, economics, geography, history, international relations, linguistics, political science, psychology, public administration, and sociology. Awards usually result in articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources. The fellowships are designed for researchers with advanced language skills whose research will require use of data, sources, and documents in their original languages or whose research requires interviews onsite in direct one-on-one contact. Fellows may undertake their projects in Japan, the United States, or both, and may include work in other countries for comparative purposes. Projects may be at any stage of development.

<http://www.neh.gov/grants/research/fellowships-advanced-social-science-research-japan>

### **Fellowships**

**Funding Opportunity Number:** 20140501-FA

**Application Deadline:** May 1, 2014

**Description:** Fellowships support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources in the humanities. Projects may be at any stage of development. <http://www.neh.gov/grants/research/fellowships>

### **Awards for Faculty**

**Funding Opportunity Number:** 20140415-HB

**Application Deadline:** Apr 15, 2014

**Description:** This program supports individual faculty or staff members at Hispanic-Serving Institutions, Historically Black Colleges and Universities, and Tribal Colleges and Universities pursuing research of value to humanities scholars, students, or general audiences. Awards are designed to be flexible, allowing applicants to define the audience, type of research, award periods, and administrative arrangements that best fit their projects. Awards can be used for a wide range of projects that are based on humanities research. Eligible projects include pursuing research in primary and secondary materials; producing articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources; and conducting basic research leading to the improvement of an existing undergraduate course or the achievement of institutional or community research goals.

<http://www.neh.gov/grants/awards-for-faculty>

## **National Institutes of Health**

### **Novel, Alternative Model Systems for Enteric Diseases (U19)**

**Funding Opportunity Number:** RFA-AI-14-011

**Application Receipt Date(s):** May 29, 2014

**Description:** This Funding Opportunity Announcement (FOA) will support the development of novel model systems that permit integrated approaches to advance understanding of enteric disease at the level of basic science and, ultimately, to facilitate product development. A team of investigators from disparate scientific fields will leverage advances in biomedical and tissue engineering (e.g., the generation of complex human tissue constructs) and/or the gastrointestinal microbiome to develop models that mimic pathophysiology and host response to provide relevant predictive outcomes for human disease, such as distinct clinical outcomes or potentially lethal sequelae. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-011.html>

### **Medications Development Centers of Excellence Cooperative Program (U54)**

**Funding Opportunity Number:** RFA-DA-15-003

**Application Receipt Date(s):** April 25, 2014

**Description:** This FOA solicits Specialized Center Cooperative Agreement (U54) applications to provide support for Medications Development Centers of Excellence (MDCE) with emphasis solely on clinical research directed towards the identification, evaluation, and development of safe and effective medications and biologics for treatment of substance use disorders (SUDs). Research may focus on both, currently approved or novel investigational products. Centers may have a translational project to reinforce rationale of medications for testing. Any preclinical work proposed must be specifically devoted to the reinforcement of rationale of medications planned for clinical testing



during the life of the project. <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-003.html>

### **Administrative Supplements to Existing NIH Grants and Cooperative Agreements (Parent Admin Supp)**

**Funding Opportunity Number:** PA-14-077

**Application Receipt/Submission Date(s):** Due dates may vary by awarding IC.

**Description:** The National Institutes of Health (NIH) hereby notify Program Directors/Principal Investigators (PD(s)/PI(s)) holding specific types of NIH research grants listed in the full Funding Opportunity Announcement (FOA) that funds may be available for administrative supplements to meet increased costs that are within the scope of the approved award, but were unforeseen when the new or renewal application or grant progress report for non-competing continuation support was submitted. Applications for administrative supplements are considered prior approval requests (as described in Section 8.1.2.11 of the NIH Grants Policy Statement) and will be routed directly to the Grants Management Officer of the parent award. Although requests for administrative supplements may be submitted through this FOA, there is no guarantee that funds are available from the awarding IC or for any specific grant. All applicants are encouraged to discuss potential requests with the awarding IC. Additionally, prior to submission, applicants must review the awarding IC's web site to ensure they meet the IC's requirements. A list of those web sites is available at [http://grants.nih.gov/grants/guide/admin\\_supp/index.htm](http://grants.nih.gov/grants/guide/admin_supp/index.htm) <http://grants.nih.gov/grants/guide/pa-files/PA-14-077.html>

### **Change of Grantee Organization (Type 7 Parent)**

**Funding Opportunity Number:** PA-14-078

**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The National Institutes of Health (NIH) hereby notify grantee organizations holding specific types of NIH grants, listed in the full Funding Opportunity Announcement (FOA), that applications for change of grantee organization may be submitted in response to this FOA. This assumes such a change is programmatically permitted for the particular grant. Applications for change of grantee organization are considered prior approval requests (as described in Section 8.1.2.7 of the NIH Grants Policy Statement) and will be routed for consideration directly to the Grants Management Specialist named in the current award. Although requests for change of grantee organization may be submitted through this FOA, there is no guarantee that an award will be transferred to the new organization. All applicants are encouraged to discuss potential requests with the awarding IC before submission. <http://grants.nih.gov/grants/guide/pa-files/PA-14-078.html>

### **Successor-in-Interest (Type 6 Parent)**

**Funding Opportunity Number:** PA-14-079

**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The National Institutes of Health (NIH) hereby notify grantee organizations holding specific types of NIH research grants, listed in the full Funding Opportunity Announcement (FOA), that applications for change of grantee organization status, often referred to in this announcement as Successor-In-Interest, may be submitted in response to this FOA. Applications for change of grantee organization status are considered prior approval requests (as described in Section 8.1.2.8 of the NIH Grants Policy Statement) and will be routed for consideration directly to the Grants Management Specialist named in the current award. Although requests for change of grantee organization may be submitted through this FOA, there is no guarantee that an award will be transferred to the new organization. All applicants are encouraged to discuss potential requests with the awarding IC before submission. <http://grants.nih.gov/grants/guide/pa-files/PA-14-079.html>

### **Post-baccalaureate Research Education Program (PREP) (R25)**

**Funding Opportunity Number:** PAR-14-076

**Application Receipt/Submission Date(s):** March 31, 2014; January 25, 2015; January 25, 2016

**Description:** The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. To this end, this funding opportunity announcement encourages the development of creative educational activities with a primary focus on Research Experiences and Courses for Skills Development. Applications are encouraged from research-intensive institutions that propose to develop recent baccalaureate science graduates from diverse backgrounds underrepresented in biomedical and behavioral sciences so that they have the necessary knowledge and skills to pursue PhD or MD-PhD degrees in these fields. The program provides support for well-designed courses for skills development and extensive research

experiences aimed at preparing individuals from diverse backgrounds to complete doctoral degrees. <http://grants.nih.gov/grants/guide/pa-files/PA-14-076.html>

### **Network and Infrastructure Support for Development of Interdisciplinary Aging Research (R24)**

**Funding Opportunity Number:** PAR-14-081

**Application Receipt/Submission Date(s):** May 28, 2014

**Description:** The purpose of this FOA is to provide network and infrastructure support to foster development of novel interdisciplinary research approaches on aging research related to caloric restriction (CR) in humans. This FOA uses the Resource-Related Research Project activity code (R24) to support research networks that will advance interdisciplinary collaboration through activities such as meetings, conferences, data exchange, small scale pilots, short term training opportunities, visiting scholar programs and dissemination activities to encourage growth and development in the science related to CR in humans. <http://grants.nih.gov/grants/guide/pa-files/PA-14-081.html>

### **Research on Comparative Effectiveness and Implementation of HIV/AIDS and Alcohol Interventions (R01)**

**Funding Opportunity Number** [\(RFA-AA-14-004\)](#)

**Application Receipt Date(s):** April 21, 2014

**Description:** This Funding Opportunity Announcement (FOA) solicits applications that will advance knowledge of the effective implementation and comparative effectiveness of alcohol-focused interventions among HIV+ individuals. The FOA is divided into two major topics: 1) comparative effectiveness (and cost effectiveness) research focused on understanding factors related to patient reduction of alcohol use and consequent sustained engagement in appropriate alcohol and HIV care; and 2) modeling and testing alternative approaches to the implementation of effective interventions to reduce HIV disease transmission and progression in a variety of settings. Applicants may submit an application focusing on one of these topics. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-14-004.html>

### **NIDA Avant-Garde Award Program for HIV/AIDS and Drug Use Research (DP1)**

**Funding Opportunity Number** [\(RFA-DA-15-004\)](#)

**Application Receipt Date(s):** July 29, 2014, July 29, 2015, July 29, 2016

**Description:** The NIDA Avant-Garde Award Program for HIV/AIDS Research supports individual scientists of exceptional creativity who propose high-impact research that will open new areas of HIV/AIDS research and/or lead to new avenues for prevention and treatment of HIV/AIDS among drug abusers. The term “avant-garde” is used to describe highly innovative approaches that have the potential to be transformative. The proposed research should reflect approaches and ideas that are substantially different from those already being pursued by the investigator or others. The NIDA Avant-Garde award supports innovative, basic research that may lead to improved preventive interventions or therapies; creative, new strategies to prevent disease transmission; novel approaches to improve disease outcomes; and creative approaches to eradicating HIV or improving the lives of those living with HIV. <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-004.html>

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

**Funding Opportunity Number** [\(RFA-OD-14-002\)](#)

**Application Receipt Date(s):** April 18, 2014

**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to encourage Research Project Grant (R01) applications to explore two timely issues of significance for policy development relevant to: 1) the principles and characteristics for central Institutional Review Boards (IRBs); and 2) consent and participant preferences for research using clinical records and data. <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-14-002.html>

### **Miner Safety and Health Training Program - Western United States (U60)**

**Funding Opportunity Number** [\(RFA-OH-14-004\)](#)

**Application Receipt Date(s):** March 31, 2014

**Description:** The purpose of this FOA is to enhance the quality and availability of health and safety training for mine workers in the Western United States. As a result, the National Institute for Occupational Safety and Health (NIOSH) invites applications for cooperative agreements to support the development of training and education programs. A major objective of this solicitation is to establish a training program that 1) addresses the training needs of miners in the Western United States, 2) develops and delivers training to miners in the Western United States, 3) provides qualified instructors and faculty to conduct the training, 4) evaluates the effectiveness and impact of the training



program on reducing injuries and illnesses to miners, and 5) coordinates with existing training programs, such as those offered by the Mine Safety and Health Administration (MSHA). NIOSH intends that the training provided by this program will be consistent with recommendations and guidelines of the Occupational Safety and Health Administration (OSHA) and MSHA and that the training provided does not overlap with existing MSHA or OSHA training programs. <http://grants.nih.gov/grants/guide/rfa-files/RFA-OH-14-004.html>

**HIV Infection of the Central Nervous System (R01)****Funding Opportunity Number** (PA-14-094)**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** This Funding Opportunity Announcement (FOA) invites research grant applications focused on defining the pathogenic mechanisms involved in Human Immunodeficiency Virus (HIV)-1 Associated Neurocognitive Disorders (HAND) and, identifying therapeutic strategies to treat and prevent the neurobehavioral and neurological effects of HIV-1 on the central nervous system (CNS). Basic and translational research in domestic and international settings are of interest. Multidisciplinary research teams and collaborative alliances are encouraged but not required. <http://grants.nih.gov/grants/guide/pa-files/PA-14-094.html>

**Eradication of HIV-1 from Central Nervous System Reservoirs (R01)****Funding Opportunity Number** (PA-14-095)**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** This Funding Opportunity Announcement (FOA) invites research grant applications to address the problem of HIV-1 persistence focused solely on the central nervous system (CNS) of HIV-infected persons treated with Highly Active Anti-Retroviral Therapy (HAART). This FOA will support innovative research in five areas: (1) basic research to identify and characterize persistent HIV-1 in CNS derived cells such as macrophages, microglia, and/or astrocytes in the setting of suppressive anti-retroviral therapy, with or without substance use; (2) basic research to determine the mechanisms involved in the temporal establishment, maintenance, and resurgence of persistent HIV-1 in the CNS in relationship to the timing of antiretroviral therapy; (3) development of physiologically relevant animal models and CNS-based cellular assays that recapitulate HIV-1 persistence and latency in the presence of effective HAART including effects of chronic substance use; (4) assessment of current and emerging eradication approaches on whether and/or how well they have successfully reactivated persistent HIV from CNS-derived cells such as macrophages, microglia and astrocytes; and (5) assessment of CNS toxicity and adverse impacts of current and emerging eradication strategies. Applications ranging from basic to translational research in domestic and international settings are of interest. Multidisciplinary research teams are encouraged but not required. <http://grants.nih.gov/grants/guide/pa-files/PA-14-095.html>

**NEI Collaborative Clinical Vision Research Project Grant (U10)****Funding Opportunity Number** (PAR-14-096)**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The National Eye Institute (NEI) supports investigator-initiated clinical vision research projects, including multi-center clinical trials and other complex or high-risk clinical vision research studies. This funding opportunity announcement encourages applications for the Collaborative Clinical Research Project Grant, which provides the following Components: Overall, Coordinating Center, Chair Admin, Enrollment Center and optional Resource Centers. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-096.html>

**NEI Clinical Vision Research: Resource Center Grant (UG1)****Funding Opportunity Number** (PAR-14-097)**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The National Eye Institute (NEI) supports investigator-initiated clinical vision research projects, including multi-center clinical trials, human gene-transfer and stem cell therapy studies, and other complex or high-risk clinical vision research studies. These studies are typically funded as either a single grant award with multiple components (e.g., Chair's, Coordinating Center, Clinical Center, Resource Center) or as a group of linked single-component grant awards to separate institutions. This funding opportunity announcement (FOA) encourages applications for single component grant awards. Institutions interested in a multi-component grant should use the companion FOA PAR-14-096. Specifically, this FOA encourages applications for the single component Resource Center Grant which provides imaging, laboratory or other requisite services for a multi-center clinical trial or other complex or high risk clinical vision research study. The Resource Center Grant provides a detailed description of the

responsibilities and operations of the Resource Center. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-097.html>

**NEI Clinical Vision Research: Chairman's Grant (UG1)****Funding Opportunity Number** (PAR-14-098)**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The National Eye Institute (NEI) supports investigator-initiated clinical vision research projects, including multi-center clinical trials, human gene-transfer and stem cell therapy studies, and other complex or high-risk clinical vision research studies. These studies are typically funded as either a single grant award with multiple components (e.g., Chair's, Coordinating Center, Clinical Center, Resource Center) or as a group of linked single-component grant awards to separate institutions. This funding opportunity announcement (FOA) encourages applications for single component grant awards. Institutions interested in a multi-component grant should use the companion FOA PAR-14-096. Specifically, this FOA encourages applications for the single component Chair's grant, which includes the scientific rationale, study aims and significance of the research project. The application will include details regarding the research design, patient population and procedures and methods proposed for accomplishing study goals. A detailed protocol will be included as part of the Chair's application. A plan for coordination and integration of multiple study entities including: coordinating centers, resource centers, clinical centers and/or study committees should be included as appropriate. The application should address the coordination and integration of all essential activities, including meetings, conference calls and site visits to assure study integrity, protocol fidelity, completion, manuscript preparation and results dissemination.

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-098.html>

**NEI Clinical Vision Research: Clinical Center Grant (UG1)****Funding Opportunity Number** (PAR-14-099)**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The National Eye Institute (NEI) supports investigator-initiated clinical vision research projects, including multi-center clinical trials, human gene-transfer and stem cell therapy studies, and other complex or high-risk clinical vision research studies. These studies are typically funded as either a single grant award with multiple components (e.g., Chair's, Coordinating Center, Clinical Center, Resource Center) or as a group of linked single-component grant awards to separate institutions. This funding opportunity announcement (FOA) encourages applications for single component grant awards. Institutions interested in a multi-component grant should use the companion PAR-14-096. Specifically, this FOA encourages applications for the single component Clinical Center Grant which supports the organization and operations of the clinical center(s) responsible for recruitment and retention of study participants and implementation of the study protocol. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-099.html>

**NEI Clinical Vision Research: Coordinating Center Grant (UG1)****Funding Opportunity Number** (PAR-14-100)**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The National Eye Institute (NEI) supports investigator-initiated clinical vision research projects, including multi-center clinical trials, human gene-transfer and stem cell therapy studies, and other complex or high-risk clinical vision research studies. These studies are typically funded as either a single grant award with multiple components (e.g., Chair's, Coordinating Center, Clinical Center, Resource Center) or as a group of linked single-component grant awards to separate institutions. This funding opportunity announcement (FOA) encourages applications for single component grant awards. Institutions interested in a multi-component grant should use the companion PAR-14-096. Specifically, this FOA encourages applications for the single component Coordinating Center grant, which provides details of the Coordinating Center's responsibilities and operations. A description of the study including study target population, research methods and outcome measures should be included. The application must provide a description of the statistical considerations underpinning the study design including sample size estimations, power calculations and planned primary and secondary analyses. Data management and quality control considerations should be described. The application should address the coordination and integration of all essential activities, including meetings, conference calls and site visits to assure study integrity, protocol fidelity, completion, manuscript preparation and results dissemination. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-100.html>

**Prevention Innovation Program (PIP) (R01)****Funding Opportunity Number:** (RFA-AI-13-059)**Application Receipt Date(s):** July 10, 2014

**Description:** This Funding Opportunity Announcement (FOA), the Prevention Innovation Program (PIP), encourages Research Project Grant (R01) applications in non-vaccine biomedical prevention (nBP) research. The PIP is intended to support high-risk/innovative research and development efforts to establish and maintain a sustainable pipeline for the prevention of HIV acquisition/transmission. The PIP will support discovery and development of novel and under-explored nBP candidates/strategies, nBP delivery strategies, studies of the impact of nBP prevention strategies on genital and gastrointestinal (GI) mucosa function and emerging technologies that support microbicides, pre-exposure prophylaxis (PrEP), and Multipurpose Prevention Technologies (MPT) for prevention of HIV acquisition/transmission. <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-13-059.html>

**Innovation for HIV Vaccine Discovery (R01)**

**Funding Opportunity Number:** [\(RFA-AI-14-006\)](#)

**Application Receipt Date(s):** July 15, 2014

**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to encourage applications from institutions/organizations proposing innovative, high risk, high impact research to identify novel vaccine concepts and targets that will aid in the design and development of an effective immunogen that may provide long-term protection from either acquisition of or ongoing infection by HIV. The emphasis of this FOA is early discovery research that incorporates new ideas leading to the development of newly engineered conventional or entirely novel approaches for vaccines that may have significant impact on the design of immunogens or immunization strategies for an effective HIV vaccine. The program is open to established and new investigators and does not require research expertise in HIV prevention as a prerequisite for submitting an application.

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

**Data Sharing for Demographic Research Infrastructure Program (U24)**

**Funding Opportunity Number:** [\(RFA-HD-14-015\)](#)

**Application Receipt Date(s):** April 25, 2014

**Description:** The purpose of this funding opportunity announcement (FOA) is to increase the impact of NICHD-funded research within the scientific mission of the NICHD Population Dynamics Branch (PDB) by providing research infrastructure to: promote data sharing; support the development of procedures and technologies for data sharing; disseminate best practices in data sharing; provide a resource that catalogs NICHD-funded data available for secondary analysis; and promote the secondary analysis of data collected through NICHD grants to research teams outside the original grantees. <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-14-015.html>

**Development of Software and Analysis Methods for Biomedical Big Data in Targeted Areas of High Need (U01)**

**Funding Opportunity Number:** [\(RFA-HG-14-020\)](#)

**Application Receipt Date(s):** June 19, 2014

**Description:** In response to the spectacular opportunities and immense challenges presented by the dawning era of "Big Data" in biomedical research, NIH has developed the Big Data to Knowledge (BD2K) initiative with the mission of enabling the biomedical research community to use the various types of Big Data for research. The purpose of this Funding Opportunity Announcement (FOA) is to solicit development of analysis methods and software in the four topic areas of data compression/reduction, data visualization, data provenance, and data wrangling as part of the overall BD2K initiative. <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-020.html>

**National Center of Excellence for the Prevention of Childhood Agricultural Injury (U54)**

**Funding Opportunity Number:** [\(RFA-OH-14-005\)](#)

**Application Receipt Date(s):** May 2, 2014

**Description:** This funding opportunity announcement (FOA) from the National Institute for Occupational Safety and Health (NIOSH) invites applications for a National Center of Excellence for the Prevention of Childhood Agricultural Injury. <http://grants.nih.gov/grants/guide/rfa-files/RFA-OH-14-005.html>

**Synthetic Psychoactive Drugs and Strategic Approaches to Counteract Their Deleterious Effects (R03)**

**Funding Opportunity Number:** [\(PA-14-104\)](#)

**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to support research to deepen our knowledge of the use of synthetic psychoactive drugs, their mechanisms of action, their health effects, and

development of prevention strategies and strategies to treat patients in emergency departments and long range treatment. <http://grants.nih.gov/grants/guide/pa-files/PA-14-104.html>

### **Synthetic Psychoactive Drugs and Strategic Approaches to Counteract Their Deleterious Effects (R21)**

**Funding Opportunity Number:** (PA-14-105)

**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The purpose of this FOA is to support research to deepen our knowledge of the use of synthetic psychoactive drugs, their mechanisms of action, their health effects, and development of prevention strategies and strategies to treat patients in emergency departments and long range treatment. <http://grants.nih.gov/grants/guide/pa-files/PA-14-105.html>

### **Synthetic Psychoactive Drugs and Strategic Approaches to Counteract Their Deleterious Effects (R01)**

**Funding Opportunity Number:** (PA-14-106)

**Application Receipt/Submission Date(s):** Multiple dates, see announcement.

**Description:** The purpose of this FOA is to support research to deepen our knowledge of the use of synthetic psychoactive drugs, their mechanisms of action, their health effects, and development of prevention strategies and strategies to treat patients in emergency departments and long range treatment. <http://grants.nih.gov/grants/guide/pa-files/PA-14-106.html>

### **Early Phase Clinical Trials in Imaging and Image-Guided Interventions (R21)**

**Funding Opportunity Number:** (PAR-14-013)

**Application Receipt/Submission Date(s):** June 30, 2014; October 10, 2014; February 9, 2015; June 9, 2015; October 9, 2015; February 9, 2015; June 9, 2016; October 11, 2016; February 9, 2017

**Description:** This Funding Opportunity Announcement (FOA) is intended to support clinical trials conducting preliminary evaluation of the safety and efficacy of imaging agents, as well as an assessment of imaging systems, image processing, image-guided therapy, contrast kinetic modeling, 3-D reconstruction and other quantitative tools. As many such preliminary evaluations are early in development, this FOA will provide investigators with support for pilot (Phase I and II) cancer imaging clinical trials, including patient monitoring and laboratory studies. This FOA supports novel uses of known/standard clinical imaging agents and methods as well as the evaluation of new agents, systems, or methods. The imaging and image-guided intervention (IGI) investigations, if proven successful in these early clinical trials, can then be validated in larger studies through competitive R01 mechanisms, or through clinical trials in the Specialized Programs of Research Excellence (SPOREs), Cancer Centers and/or the NCI's National Clinical Trials Network. <http://grants.nih.gov/grants/guide/pa-files/PAR-14-013.html>

## **USAID**

### **Urban Disaster Risk Reduction (Neighborhood Approach) and Disaster Response Capacity**

**Funding Opportunity Number:** APS-OFDA-14-000005

**Application Deadline:** April 11, 2014; 4 pm [EST]

**Description:** Pursuant to the Foreign Assistance Act of 1961, as amended (FAA), the United States Government (USG), as represented by the U.S. Agency for International Development (USAID), Bureau for Democracy, Conflict, and Humanitarian Assistance (DCHA), Office of U.S. Foreign Disaster Assistance (OFDA) is seeking full applications to support or stimulate the activities described in this Annual Program Statement (APS). The purpose of this APS is to disseminate information to enable prospective applicants to decide whether to seek OFDA funding in support of DRR initiatives in Haiti related to Program Area I) operationalizing a "Neighborhood Approach" to reduce urban disaster risk in metropolitan Port-au-Prince (PaP) and/or Program Area II) building the capacity of the Government of Haiti (GoH) at the department-level to prepare for and respond to disasters, and to assist those who decide to seek funding in developing applications.

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

### **Systems for Health**

**Funding Opportunity Number:** RFA-641-14-00002

**Application Deadline:** April 2, 2014

**Description:** The United States Government (USG) represented by the United States Agency for International Development, Ghana (USAID/Ghana), is seeking applications for a Cooperative Agreement for a five-year program entitled "Systems for Health". USAID/Systems for Health is designed to improve access and quality of family planning (FP), maternal, newborn and child health (MNCH), nutrition, malaria prevention and treatment, and

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interventions to improve the management and performance of health systems that support these services.

<http://www.grants.gov/web/grants/search-grants.html?keywords=RFA-641-14-00002>

### **Civic Education Initiative**

**Funding Opportunity Number:** RFA-114-14-000004

**Application Deadline:** Apr 2, 2014

**Description:** The main focus of this activity will be on school-based civic education for older students (grades 9 – 12). By expanding the availability of quality school-based civic education in Georgia, USAID will increase the skills and commitment of youth to participatory democracy. Similarly, by incorporating gender equality in civics oriented activities, the program should also have a secondary impact on students' attitudes towards women and the roles of women in public engagement – which over time would ideally lead towards a greater inclusion of women in political processes. <http://www.grants.gov/web/grants/search-grants.html?keywords=RFA-114-14-000004>

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