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Division of Research, Florida International University

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YALI Fellows leave their mark on FIU

By Robyn Nissim

Detailed planning, commitment and the participation of many members of the FIU faculty and staff supported the university through its first experience as a host institution for the 2014 Young African Leaders Initiative (YALI—renamed the Mandela Washington Fellows by President Barack Obama on July 28).

Led by Susan Webster, DoR’s Director of Training and International Research Initiatives, FIU worked hard to be selected as one of this year’s hosts for 2014—the first year that universities were eligible to apply.

It was a competitive group that applied but FIU was chosen as one of only 20 institutions in the country for the YALI program. There were 500 YALI students in total and 25 of those Fellows came to South Florida for a program that focused specifically on public management.

The Mandela Fellows had a packed schedule while they were here, with courses, workshops and community service assignments part of every week. Social events such as movies, Marlins games and shopping were also included; several students even attended the Beyoncé-Jay-Z concert that kicked off in Miami.

FIU’s leadership training was designed to help these young leaders in their work advocating for human rights, access to education and water sanitation, among other issues back in their home countries. Eric Ngondi, a blind water and environmental engineer, had his first experience with a guide dog while he was here. “We don’t have them in Kenya,” he noted. When he returns to Kenya, he wants to create a non-profit that will train and place guide dogs, expenses that can reach $80,000 per dog. “But I learned how important they are for sustaining the environment and I had no absolutely no idea that they are so critical and that many species have gone extinct.” Another unusual finding for the Mandela Fellows at FIU: It actually is hotter than Africa here. And the air conditioning inside is freezing.

The Mandela Fellows are now on the last leg of their trip, which includes a trip to Washington for a presidential summit and a meeting with President Obama.

At a closing reception before they left, President Rosenberg told them that they are now part of the FIU worldwide community. Some Mandela Fellows are already planning to return to FIU—as students, faculty—or possibly even as political leaders.

It was a positive learning experience for both the FIU community and the Mandela Fellow community. Those who met the Fellows were impressed by their eagerness to learn, their interest in becoming better leaders, by the work they have done in the countries to date and their plans for the future.

Webster is looking forward to hearing from and about them for years to come. “These Fellows are now FIU alumni and I believe we will continue to have a friendship and to foster new partnerships in the future,” Webster said.

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

August 2014

- **August 4, 12 to 1 pm, WC #130, “Selective Inhibitors of ADAM17 as a Potential Melanoma Therapy,”** presented by Dmitry Minond of the Torrey Pines Institute for Molecular Studies, and Affiliate Research Professor, Department of Biomedical Sciences Charles E. Schmidt College of Medicine, and hosted by the Biomolecular Sciences Institute. Please contact Lidia Kos for further details. (This is a Bring-your-own-Lunch event.)

- **August 28, Dr. Phil Arlen,** Consultant, Florida Translational Research Program (FTRP) at Sanford-Burnham Medical Research Institute to visit FIU in order to facilitate new collaborations between FIU faculty and Sanford Burnham under FTRP. Dr. Arlen would like to meet with interested faculty one-on-one. His goal is to provide a brief overview of the FTRP and its various components ( assay development, high-throughput screening, and hit-to-lead work) and to determine if there is a fit between the individual projects and the various components of FTRP. **If you are interested in scheduling a one-on-one meeting please contact Dr. Yuk-Ching Tse-Dinh,** Founding Director, Biomolecular Sciences Institute. For more information about FTRP [http://www.sanfordburnham.org/technology/centers/cpccg/floridatranslationalresearchprogram/Pages/Program-Description.aspx](http://www.sanfordburnham.org/technology/centers/cpccg/floridatranslationalresearchprogram/Pages/Program-Description.aspx)

September 2014

- **September 16, 17, and 18 (T, W, TH), 3:30-5pm,** Faculty Mentor Program: 2014-15 Orientation Workshops, AHC4-402 and CEC, Rm TBD, with a focus on how to benefit from being and having a mentor. The College of Arts and Sciences (CAS), in partnership with the College of Engineering & Computing (CEC), the Robert Stempel College of Public Health & Social Work, and the Herbert Wertheim College of Medicine are proud to launch the 4th year of the Faculty Mentor Program (FMP). Faculty from other colleges interested in participating are also welcome to join. This program is aimed primarily at providing tenure-earning assistant professors with a faculty mentor from outside of his/her home department. To the extent possible, we will attempt to provide a mentor or mentoring opportunities for Associate Professors and Instructors. If interested, please contact us at mentor@fiu.edu or visit [http://mentor.fiu.edu](http://mentor.fiu.edu) for the future RSVP link, updates, and information on new and past workshops.

October 2014

- **October 8, 12:00 to 1:30 pm,** Faculty Mentor Program Lunch at the Faculty Club.

- **October 23, 3:30 to 5pm,** AHC4-402, “Setting up your Research Team and Lab.” Specific details will be forthcoming for this workshop and available at [http://mentor.fiu.edu](http://mentor.fiu.edu)

Awards Received

During **FY 2013-2014,** FIU researchers and scholars received $115,844,100 in awards and gifts for research. This represents a 12.5% increase from FY 2012-2013. During the month of **June 2014,** researchers were awarded $29,279,735; below is a summary.

**PI:** Atorod Azizinamini  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Non-Destructive Testing of Ringling Bridge Tendons Using Magnetic Based Methods  
**AWARD:** $ 221,274

**PI:** Atorod Azizinamini  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Non-Destructive Testing of Ringling Bridge Tendons Using Magnetic Based Methods: Sub project  
**AWARD:** $ 35,128
PI: Atorod Azizinamini  
CIVIL AND ENVIRON ENGINEERING  
Award Action Type: Increase  
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: $1,402,200

PI: Lorraine Bahrick  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Increase  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Intersensory Processing, Developmental Trajectories, and Longitudinal Outcomes  
AWARD: $346,842

PI: Consuelo Maria Beck Sague  
HEALTH PROMO AND DISEASE PREV  
Award Action Type: Increase  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Piloting disclosure of their status to youth living with HIV in Hispaniola  
AWARD: $3,071

PI: Consuelo Maria Beck Sague  
HEALTH PROMO AND DISEASE PREV  
Award Action Type: Initial  
AWARDING SPONSOR: FIU Foundation  
TITLE: Piloting disclosure of their status to youth living with HIV in Hispaniola  
AWARD: $24,638

PI: Shekhar Bhansali  
ELEC AND COMPUTER ENG  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program  
AWARD: $44,000

PI: Shekhar Bhansali  
ELEC AND COMPUTER ENG  
Award Action Type: Pre-Award  
AWARDING SPONSOR: North Carolina State University  
TITLE: Advanced Self-Powered Systems of Integrated Sensor Technologies (ASSIST)  
AWARD: $58,000

PI: Shekhar Bhansali  
ELEC AND COMPUTER ENG  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: I-Corp: Cortisense: Handheld point of care cortisol sensor for measurement of stress  
AWARD: $50,000

PI: Mahadev G Bhat  
EARTH AND ENVIRONMENT  
Award Action Type: Initial  
AWARDING SPONSOR: University of Miami  
TITLE: Pulley Ridge Fisheries Bio-economic Modeling Project  
AWARD: $26,532

PI: Benjamin Boesl  
MECHANICAL AND MAT ENGINEERING  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Air Force
TITLE: Graphene Nano Platelet Reinforced Tantalum Carbide for Improved Strength and Toughness  
PI: Kevin Boswell  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: Loxahatchee River District  
TITLE: Importance of reef complexity on the distribution of reef-associated fishes: contrasting natural and restored reefs  
AWARD: $ 9,791  

PI: Deron Burkepile  
BIOLOGY  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program  
AWARD: $ 44,000  

PI: Deron Burkepile  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Cascading interactions of herbivore loss and nutrient enrichment on coral reef macroalgae, corals, and microbial dynamics  
AWARD: $ 6,644  

PI: Deron Burkepile  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: National Oceanic and Atmospheric Admin  
TITLE: Quantifying parrotfish grazing on coral reefs: developing a metric for management and conservation  
AWARD: $ 73,341  

PI: Yong Cai  
ARC APPLIED RESEARCH CENTER  
Award Action Type: Initial  
AWARDING SPONSOR: Office of Environmental Management  
TITLE: FIU’s Research Support to the DOE OEM Sub Project 2  
AWARD: $ 20,998  

PI: Fabian Cevallos  
CIVIL AND ENVIRON ENGINEERING  
Award Action Type: Initial  
AWARDING SPONSOR: University of South Florida  
TITLE: State of Good Repair Performance Measures: Assessing Asset Condition, Age, and Performance Data  
AWARD: $ 339,760  

PI: Jeremy Wayne Chambers  
COM CELL BIOLOGY AND PHARM  
Award Action Type: Initial  
AWARDING SPONSOR: Palm Healthcare Foundation  
TITLE: SH3BP5 levels indicate ovarian cancer susceptibility to conventional therapies - Jacquie Liggett Fellowship - Hearing the Ovarian Cancer Whisper, Inc. (H.O.W.) Program  
AWARD: $ 25,000  

PI: Prem P Chapagain  
PHYSICS  
Award Action Type: Increase
AWARDING SPONSOR: National Institutes of Health
TITLE: Computational Investigations of Monomeric Variants of Red Fluorescent Proteins
AWARD: $ 108,750

PI: Erika K Coles
CENTER FOR CHILDREN AND FAM
Award Action Type: Pre-Award

AWARDING SPONSOR: Ohio University
TITLE: Development of Strategies to Increase Teacher Integrity in a Daily Report Card Intervention for Children with or at-risk for ADHD
AWARD: $ 40,648

PI: Jonathan Comer
CENTER FOR CHILDREN AND FAM
Award Action Type: Initial

AWARDING SPONSOR: American Psychological Foundation
TITLE: Anxiety in children with callous unemotional traits: The role of emotional processing in behavior
AWARD: $ 21,688

PI: Helen Z Cornely
NURSING AND HLTH SCI DEANS OFF
Award Action Type: Continuation

AWARDING SPONSOR: Health Resources & Services Administration
TITLE: Scholarship for Disadvantaged Students
AWARD: $ 586,341

PI: Jeannette Cruz
MULTICULTURAL PROGRAMS MMC
Award Action Type: Continuation

AWARDING SPONSOR: U.S. Department of Education
TITLE: Student Support Services Program
AWARD: $ 211,601

PI: Jessy Devieux
HEALTH PROMO AND DISEASE PREV
Award Action Type: Continuation

AWARDING SPONSOR: National Institutes of Health
TITLE: An Innovative Video Intervention for Newborn Medical Male Circumcision
AWARD: $ 160,022

PI: Shannon Marie Dick
CENTER FOR CHILDREN AND FAM
Award Action Type: Pre-Award

AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program
AWARD: $ 44,000

PI: Lucie Dlugasch
NURSING GRADUATE
Award Action Type: Continuation

AWARDING SPONSOR: Health Resources & Services Administration
TITLE: Technology Interprofessional Culturally Competent Education (TIPCE)
AWARD: $ 254,859

PI: Maureen Donnelly
BIOLOGY
Award Action Type: Pre-Award

AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program - Dr. Donnelly
AWARD: $ 44,000

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PI: Maureen Donnelly  
**Biology**  
**Award Action Type:** Pre-Award  
**Awarding Sponsor:** National Science Foundation  
**Title:** Graduate Research Fellowship Program  
**Award:** $44,000

PI: Maria C Donoso  
**Earth and Environment**  
**Award Action Type:** Increase  
**Awarding Sponsor:** US Agency for International Development  
**Title:** West Africa Water Supply  
**Award:** $340,761

PI: Maria C Donoso  
**SeaS**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Inter-American Development Bank  
**Title:** Water Availability and Integrated Water Resources Management in Northern Haiti  
**Award:** $899,944

PI: Adam Drisin  
**Archict and the Arts Deans Off**  
**Award Action Type:** Initial  
**Awarding Sponsor:** FIU Foundation  
**Title:** GrowLight  
**Award:** $90,000

PI: Kenneth J Feeley  
**Biology**  
**Award Action Type:** Initial  
**Awarding Sponsor:** National Science Foundation  
**Title:** CAREER: Measuring the thermal tolerances of individuals, populations, and species and predicting plant species responses to climate change in the tropical Andes  
**Award:** $208,258

PI: Maria L Fernandez  
**COE Teaching and Learning**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Florida State University  
**Title:** Subcontract with FSU  
**Award:** $65,037

PI: James Fourqurean  
**Biology**  
**Award Action Type:** Initial  
**Awarding Sponsor:** National Aeronautics & Space Administration  
**Title:** Aquarius Reef Base: NEEMO_18_NASA  
**Award:** $163,997

PI: F Javier Francisco Ortega  
**Biology**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Mohammed bin Zayed Species Conservation  
**Title:** Cocothrinax Jimenezii Conservation Biology  
**Award:** $15,000

PI: Kenneth G Furton  
**CAS Deans Office Admin**  
**Award Action Type:** Continuation  

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AWARDING SPONSOR: U.S. Department of Education  
TITLE: Opening the Gateway: The High Tech High Touch Initiative  
AWARD: $206,598

PI: Kenneth G Furton  
CAS DEANS OFFICE ADMIN  
Award Action Type: Increase  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Opening the Gateway: The High Tech High Touch Initiative: Activity 1  
AWARD: $78,995

PI: Kenneth G Furton  
CAS DEANS OFFICE ADMIN  
Award Action Type: Increase  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Opening the Gateway: The High Tech High Touch Initiative: Activity 2  
AWARD: $111,182

PI: Kenneth G Furton  
CAS DEANS OFFICE ADMIN  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Opening the Gateway: The High Tech High Touch Initiative: Activity 3  
AWARD: $48,241

PI: Kenneth G Furton  
CAS DEANS OFFICE ADMIN  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Opening the Gateway: The High Tech High Touch Initiative: Activity 4  
AWARD: $58,138

PI: Kenneth G Furton  
CAS DEANS OFFICE ADMIN  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Opening the Gateway: The High Tech High Touch Initiative: Activity 5  
AWARD: $188,552

PI: Kenneth G Furton  
CAS DEANS OFFICE ADMIN  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Opening the Gateway: The High Tech High Touch Initiative: Activity 7  
AWARD: $29,111

PI: Nazife E Ganapati  
PUBLIC ADMINISTRATION  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program  
AWARD: $44,000

PI: Delia C Garcia  
COE DEANS OFFICE  
Award Action Type: Initial  
AWARDING SPONSOR: South Florida After School All Stars Inc  
TITLE: South Florida After School All Stars Transfer Agreement  
AWARD: $127,118

PI: Meg Gardinier  
COE LEADERSHIP AND PROF STU  
Award Action Type: Initial
AWARDING SPONSOR: Biosphical Institute  
**TITLE:** Peace Education and the Construction of Ethical Institutions: Fostering Sustainable Peace and Democracy in Albania  
**AWARD:** $ 4,462

**PI:** Juan E Gonzalez  
**NURSING ANESTHESIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Health Resources & Services Administration  
**TITLE:** Nurse Anesthetist Traineeship  
**AWARD:** $ 50,128

**PI:** Sandra A Gracia Jones  
**NURSING UNDERGRADUATE**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Substance Abuse & Mental Health Services  
**TITLE:** FIU Nursing/South Beach AIDS Project HIV/Substance Abuse Prevention Partnership  
**AWARD:** $ 300,000

**PI:** Gail Gregg  
**COE TEACHING AND LEARNING**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Early Learning Coalition of Dade/Monroe  
**TITLE:** Data Management Services 2013  
**AWARD:** $ 130,920

**PI:** Gail Gregg  
**COE TEACHING AND LEARNING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Early Learning Coalition of Dade/Monroe  
**TITLE:** Quality Rating Improvement System, QRIS  
**AWARD:** $ 874,728

**PI:** Jeffrey A Groom  
**NURSING UNDERGRADUATE**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Miami Beach Anesthesiology Associates  
**TITLE:** Miami Beach Anesthesiology Associates Faculty Support Agreement  
**AWARD:** $ 293,856

**PI:** Anibal Gutierrez Jr.  
**PSYCHOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Organization for Autism Research  
**TITLE:** Evaluating the Role of Social Motivation in Children with Autism  
**AWARD:** $ 1,976

**PI:** Robert Gutsche  
**JOURNALISM AND BROADCASTING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Online News Association  
**TITLE:** Sea Level Rise: South Florida  
**AWARD:** $ 35,000

**PI:** Shahid Hamid  
**INTERNATIONAL HURRICANE CENTER**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Florida Office of Insurance Regulation  
**TITLE:** FPHL Model Operation and Maintenance, and Model Upgrades  
**AWARD:** $ 45,477
PI: Jean Louise Hannan  
NURSING UNDERGRADUATE  
Award Action Type: Continuation  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Low Income First Time Mothers: Effects of APN Follow-up  
AWARD: $ 140,940

PI: Katie Hart  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: Children's Trust  
TITLE: Read To Learn: Summer Reading Explorers Program  
AWARD: $ 505,734

PI: Jin He  
PHYSICS  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: Carbon nanotube based nanofluidic device for biological sensing  
AWARD: $ 10,000

PI: Michael Heithaus  
BIOLOGY  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program  
AWARD: $ 44,000

PI: Julio E Ibarra  
CIARA  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: IRNC-ProNet: Americas LightPaths: Increasing the Rate of Discovery and Enhancing Education across the Americas  
AWARD: $ 1,064,750

PI: Kenneth Arthur Jessell  
DIVISION OF FINANCE AND ADMIN  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: UniversityCity Prosperity Project: Infrastructure/Construction  
AWARD: $ 9,448,140

PI: Kenneth Arthur Jessell  
DIVISION OF FINANCE AND ADMIN  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: UniversityCity Prosperity Project: UniversityCity Design and CM  
AWARD: $ 692,147

PI: Haiyan Jiang  
EARTH AND ENVIRONMENT  
Award Action Type: Increase  
AWARDING SPONSOR: National Oceanic and Atmospheric Admin  
TITLE: Improvement to the Satellite-based 37 GHz Ring Rapid Intensification Index  
AWARD: $ 71,923

PI: Lou Kim  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: FIU Division of Research  
TITLE: DORBRDG - Bridge Funding  
AWARD: $ 12,500
PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Office of Environmental Management
TITLE: FIU’s Research Support to the DOE OEM
AWARD: $ 727,369

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Office of Environmental Management
TITLE: FIU’s Research Support to the DOE OEM: Sub Project 1
AWARD: $ 516,374

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Office of Environmental Management
TITLE: FIU’s Research Support to the DOE OEM: Sub Project 3
AWARD: $ 308,699

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Office of Environmental Management
TITLE: FIU’s Research Support to the DOE OEM: Sub Project 3
AWARD: $ 295,559

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Office of Environmental Management
TITLE: FIU’s Research Support to the DOE OEM: Waste and D&D Engineering and Technology Development and Support
AWARD: $ 541,645

PI: Leonel Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Scientific Research Corporation
TITLE: Cyber Space Technology Research and STEM Development for Department of Defenses Test Resource Management Center (TRMC) – Phase II
AWARD: $ 179,807

PI: Jason Xiaowen Liu
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: BBN Technologies Corp.
TITLE: PrimoGENI Constellation for Distributed At-Scale Hybrid Network Experimentation
AWARD: $ 16,000

PI: Debra Lundy
SOUTH BEACH WINE AND FOOD FEST
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: 7th Annual Fun & Fit as a Family
AWARD: $ 17,500

PI: Purnima Madhivanan
EPIDEMIOLOGY
Award Action Type: Supplemental
AWARDING SPONSOR: University of California Berkeley  
TITLE: Global Health Fellows and Scholars Program  
AWARD: $ 74,806

PI: Lindsay Malloy  
PSYCHOLOGY  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program  
AWARD: $ 44,000

PI: Mark A Marine  
ARCHITECT AND THE ARTS DEANS OFF  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: Water Repair Package- Additional Services for Review and Coordination  
AWARD: $ 2,370

PI: H Virginia McCoy  
HEALTH PROMO AND DISEASE PREV  
Award Action Type: Increase  
AWARDING SPONSOR: University of Puerto Rico  
TITLE: Florida Puerto Rico Public Health Research  
AWARD: $ 43,926

PI: Maria Jose Miguez Perez  
SISH  
Award Action Type: Increase  
AWARDING SPONSOR: University of Florida  
TITLE: Pharmacotherapy for alcohol consumption in HIV Positive Women: Randomized Clinical Trail-Subproject  
AWARD: $ 55,000

PI: Joongho Moon  
CHEMISTRY  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: CAREER: Self-assembled Biodegradable Conjugated Polymers for RNA Interference  
AWARD: $ 90,829

PI: Norman D Munroe  
OSAS ENGINEERING AND COMPUTING  
Award Action Type: Supplemental  
AWARDING SPONSOR: National Action Council for Minorities  
TITLE: NACME Initiative at Florida International University  
AWARD: $ 500

PI: Norman D Munroe  
MECHANICAL AND MAT ENGINEERING  
Award Action Type: Initial  
AWARDING SPONSOR: Technology Student Association  
TITLE: 2014-2015 UNITE  
AWARD: $ 10,578

PI: Norman D Munroe  
OSAS ENGINEERING AND COMPUTING  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: National Summer Transportation Program  
AWARD: $ 39,069

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PI: Winifred Elysse Newman  
ARCHITECTURE  
Award Action Type: Initial  
AWARDING SPONSOR: FIU Foundation  
TITLE: Engineering Aesthetics  
AWARD: $ 2,350

PI: Steven Oberbauer  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Collaborative Proposal: Quantifying the footprint of a dominant organism: Biogeochemical impacts of leaf cutter ants in a lowland tropical forest ecosystem  
AWARD: $ 52,607

PI: Maria Olenick  
NURSING GRADUATE  
Award Action Type: Continuation  
AWARDING SPONSOR: Health Resources & Services Administration  
TITLE: Nursing Workforce Diversity  
AWARD: $ 350,208

PI: Ebru Ozer  
LANDSCAPE ARCHITECTURE  
Award Action Type: Increase  
AWARDING SPONSOR: Landscape Architecture Foundation  
TITLE: Case Study Investigations for 1111 Lincoln Road, Nova Southeastern University, and Pompano Beach Dune Enhancement and Streetscape  
AWARD: $ 1,600

PI: Mark Padilla  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Continuation  
AWARDING SPONSOR: National Institute on Drug Abuse  
TITLE: Migration, Tourism and the HIV-drug use Syndemic in the Dominican Republic  
AWARD: $ 400,159

PI: Timothy F Page  
HEALTH POLICY AND MGMT  
Award Action Type: Continuation  
AWARDING SPONSOR: Health Choice Network  
TITLE: Care Management Medical Home Center Evaluation Proposal  
AWARD: $ 80,000

PI: Jeremy W Pettit  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: National Institute of Mental Health  
TITLE: Attention Bias Modification Training in Youth with Subthreshold Impairing Anxiety  
AWARD: $ 36,315

PI: Niki J Pissinou  
COMPUTER INFO SCIENCES  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Research Experience for Teachers on Cyber-enabled Technologies: Research Experience for Teachers on Cyber-enabled Technologies  
AWARD: $ 99,600

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PI: Niki J Pissinou  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Research Experience for Teachers on Cyber-enabled Technologies: RET Participant Support  
**AWARD:** $ 398,400

PI: Eliane E Ramos  
**COMM SCIENCES AND DISORDERS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Health Resources & Services Administration  
**TITLE:** Scholarship for Disadvantaged Students  
**AWARD:** $ 146,585

PI: Raphael Raptis  
**CHEMISTRY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Copper-Based Water-Oxidation Electrocatalysts; Design, Synthesis and Characterization  
**AWARD:** $ 128,613

PI: Alice G Read  
**ARCHITECTURE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Book Production: Modern Architecture in Theater: The experiments of Art et Action  
**AWARD:** $ 2,350

PI: Naphtali Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** UniversityCity Prosperity Project: Informed Traveler Program  
**AWARD:** $ 2,156,833

PI: Naphtali Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** REU Supplement to MRI: Development of a High-Performance Database  
**AWARD:** $ 16,000

PI: Naphtali Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** MRI: Development of An Integrated Geospatial Analytics Instrument  
**AWARD:** $ 16,000

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  
**AWARD:** $ 16,000

PI: Suzanna Rose  
**WOMENS STUDIES CENTER**  
**Award Action Type:** Initial
AWARDING SPONSOR: Children's Trust  
TITLE: PAT4YOU - Parents As Teachers  
AWARD: $ 232,246

PI: Deodutta Roy  
ENVIR AND OCCUPATIONAL HEALTH  
Award Action Type: Initial  
AWARDING SPONSOR: U.S. Department of Veterans Affairs  
TITLE: Estrogen-Induced Breast Cancer Pathogenesis  
AWARD: $ 122,640

PI: Seyedmasoud Sadjadi  
COMPUTER INFO SCIENCES  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement  
AWARD: $ 9,000

PI: Margaret Sibley  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: Klingenstein Third Generation Foundation  
TITLE: Optimizing Psychosocial Treatment Models for Adolescents with ADHD  
AWARD: $ 30,000

PI: Renee M Silverman  
MODERN LANGUAGES  
Award Action Type: Initial  
AWARDING SPONSOR: National Endowment for the Humanities  
TITLE: A Lyric Revival: the Avant-Garde, Popular, and Traditional in Spanish  
AWARD: $ 10,080

PI: Casey Steadman  
THE WOLFSONIAN  
Award Action Type: Initial  
AWARDING SPONSOR: FIU Foundation  
TITLE: Family Programming: Discovering Design  
AWARD: $ 32,960

PI: Oren B Stier  
RELIGIOUS STUDIES  
Award Action Type: Initial  
AWARDING SPONSOR: FIU Foundation  
TITLE: Developing an Online Holocaust Studies Certificate  
AWARD: $ 4,000

PI: Ibrahim N Tansel  
MECHANICAL AND MAT ENGINEERING  
Award Action Type: Initial  
AWARDING SPONSOR: University of Central Florida  
TITLE: Development of a Firefighting quadcopter  
AWARD: $ 500

PI: Ibrahim N Tansel  
MECHANICAL AND MAT ENGINEERING  
Award Action Type: Initial  
AWARDING SPONSOR: University of Central Florida  
TITLE: Development of a Multipurpose quadcopter  
AWARD: $ 500

PI: Ibrahim N Tansel  
MECHANICAL AND MAT ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: University of Central Florida
TITLE: Development of a Micro Satellite
AWARD: $ 1,000

PI: Joel Trexler
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: U.S. Geological Survey
TITLE: Response of Fish to the DECOMP Physical Model
AWARD: $ 107,213

PI: Tiffany Troxler
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: National Park Service
TITLE: Monitoring for Potential Water Quality Impacts along the Eastern Boundary of Everglades National Park, Including Taylor Slough
AWARD: $ 130,000

PI: David K Twigg
J GORDON INS PUB POL AND CITI
Award Action Type: Continuation
AWARDING SPONSOR: Defense Intelligence Agency
TITLE: Program in National Security Studies
AWARD: $ 113,284

PI: Himanshu D Upadhyay
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: SRA International Inc.
TITLE: SRA-CCT Mentor Protégé Project
AWARD: $ 11,237

PI: Eric Wagner
SCHOOL OF SOCIAL WORK
Award Action Type: Pre-Award
AWARDING SPONSOR: University of California San Diego
TITLE: Facilitating Self-Change for Adolescent Alcohol Problems
AWARD: $ 29,132

PI: Joanne Youngblut
NURSING UNDERGRADUATE
Award Action Type: Continuation
AWARDING SPONSOR: National Institute of Nursing Research
TITLE: Children's Responses to Sibling Death in NICU/PICU in 3 Racial/Ethnic Groups
AWARD: $ 458,888

PI: Ming Zhao
COMPUTER INFO SCIENCES
Award Action Type: Continuation
AWARDING SPONSOR: National Science Foundation
TITLE: CAREER: Holistic Resource Management Framework
AWARD: $ 77,457

PI: Ming Zhao
COMPUTER INFO SCIENCES
Award Action Type: Continuation
AWARDING SPONSOR: National Science Foundation
TITLE: CAREER: Holistic Resource Management Framework Participant Payments
AWARD: $ 500
PI: Ming Zhao  
**COMPUTER INFO SCIENCES**  
Award Action Type: Initial  
AWARDING SPONSOR: VMware  
TITLE: VMware Graduate Fellowship  
AWARD: $46,182

PI: Yu Zhong  
**MECHANICAL AND MAT ENGINEERING**  
Award Action Type: Initial  
AWARDING SPONSOR: American Chemical Society  
TITLE: A Novel Integrated Design for the Mixed Ionic-Electronic Conducting (MIEC) Perovskites  
AWARD: $110,000

PI: Yifu Zhu  
**PHYSICS**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: Atomic Coherence and Interference in a Coupled Atom-Cavity System  
AWARD: $130,000

### Limited Submission Funding Opportunities

Below are limited submission funding opportunities with an internal deadline for the months of August, September and October 2014.

<table>
<thead>
<tr>
<th>Agency</th>
<th>Program</th>
<th>Institutional Submission Limits</th>
<th>Internal Deadline</th>
<th>Agency Deadline</th>
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</thead>
<tbody>
<tr>
<td>NSF</td>
<td><strong>Centers of Research Excellence in Science and Technology (CREST)</strong> (NSF 14-565)</td>
<td>Only one preliminary CREST Center proposal may be submitted per eligible institution.</td>
<td>8/11/2014</td>
<td>Prelim: 10/06/2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Deadline: 06/05/2015</td>
</tr>
<tr>
<td>NASA</td>
<td><strong>For High-Impact, National, Strategic STEM Education Partnerships</strong> (EDUCATION01SP13)</td>
<td>Eligible organizations may submit only one (1) response at a time.</td>
<td>8/29/2014</td>
<td>10/31/2014</td>
</tr>
<tr>
<td>NSF</td>
<td><strong>Louis Stokes Alliances for Minority Participation (LSAMP) on Alliances-Bridge to Doctorate</strong> (NSF-12-564)</td>
<td>Limit one application per institution.</td>
<td>9/3/2014</td>
<td>10/03/2014</td>
</tr>
<tr>
<td>NSF</td>
<td><strong>Louis Stokes Alliances for Minority Participation (LSAMP) on Alliances-Bridge to Doctorate</strong> (NSF-12-564)</td>
<td>Limit one application per institution.</td>
<td>9/17/2014</td>
<td>10/17/2014</td>
</tr>
<tr>
<td>NSF</td>
<td><strong>Theory Institute in Atomic, Molecular and Optical Physics</strong> (NSF 14-570)</td>
<td>Limit one application per institution.</td>
<td>10/08/2014</td>
<td>12/08/2014</td>
</tr>
</tbody>
</table>

Please visit our website at: [http://research.fiu.edu/funding/pages/limited-submissions.html](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**

**Hyper-wideband Enabled RF Messaging (HERMES)**  
Funding Opportunity Number: DARPA-BAA-14-34  
**Application Deadline:** August 13, 2014  
**Description:** DARPA is soliciting innovative research proposals to explore the feasibility of a wideband spread-spectrum RF communications system with greater than 10 GHz of instantaneous bandwidth.  
[http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense](http://www.grants.gov/search-grants.html?agencies%3DDOD%7CDepartment%20of%20Defense)

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

NIJ FY 14 Cost-Effective Aviation Technologies and Research to Support Counter-Poaching Operations Related to Endangered, Protected, and/or Regulated Wildlife

Funding Opportunity Number: NIJ-2014-3946
Application Deadline: October 22, 2014

Description: With this solicitation, NIJ seeks proposals from interested parties to: (1) identify and assess the highest priority technology needs of the Kenyan Wildlife Services (KWS) Air wing in furtherance of their counter-poaching mission; (2) purchase and deliver aircraft and supporting technologies as informed by the needs assessment; and (3) conduct an operational evaluation of the purchased and delivered aircraft and supporting technologies. [Link to solicitation announcement.]

NIJ FY 14 Research and Development for Publicly Funded Forensic Science Laboratories to Assess the Testing and Processing of Physical Evidence

Funding Opportunity Number: NIJ-2014-3732
Application Deadline: December 15, 2014

Description: With this solicitation, NIJ seeks proposals for research, evaluation, and validation projects that will: (1) inform the forensic community of best practices through the evaluation of existing laboratory protocols, (2) result in the production of a validated method(s) that may be replicated by other laboratories in the forensic community, and (3) have a direct and immediate impact on laboratory efficiency and assist in making laboratory policy decisions. The intent of this program is to direct the findings of the research and validation toward the identification of the most efficient, accurate, reliable, and cost-effective existing methods for the identification, analysis, and interpretation of physical evidence for criminal justice purposes. [Link to solicitation announcement.]

Environmental Protection Agency

Great Lakes Restoration Initiative 2014 Request For Application

Funding Opportunity Number: EPA-R5-GL2014-2
Application Deadline: August 25, 2014

Description: This Request for Applications (RFA) solicits applications from eligible entities for grants and/or cooperative agreements to be awarded pursuant to the Great Lakes Restoration Initiative Action Plan (http://greatlakesrestoration.us/pdfs/glri_actionplan.pdf). This RFA is EPA’s major competitive grant funding opportunity under the Great Lakes Restoration Initiative (“GLRI” or “Initiative”) for FY 2014 and is one of several funding opportunities available through federal agencies under the GLRI. Applications are requested for projects within the following three categories: Invasive Species Control; Watershed Management Implementation; Sediment Reduction Projects in Priority Watersheds. [http://www.epa.gov/greatlakes/fund/2014rfa02/index.html]

Training and Technical Assistance to Improve Water Quality and Enable Small Public Water Systems to Provide Safe Drinking Water

Funding Opportunity Number: EPA-OW-OGWDW-14-01
Application Deadline: September 2, 2014

Description: The U.S. Environmental Protection Agency (EPA) is soliciting applications from eligible applicants to provide training and technical assistance for small public water systems to help such systems achieve and maintain compliance with the Safe Drinking Water Act (SDWA), and to provide training and technical assistance for small publicly-owned wastewater systems, communities served by onsite/decentralized wastewater systems, and private well owners to improve water quality under the Clean Water Act (CWA). [http://www2.epa.gov/planandbudget/strategicplan] [http://water.epa.gov/grants_funding/sdwa/smallsystemsrfaf.cfm]

Air, Climate and Energy (ACE) Centers: Science Supporting Solutions

Funding Opportunity Number: EPA-G2014-STAR-J1
Application Deadline: September 4, 2014

Description: The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications for Air, Climate and Energy (ACE) Centers. EPA is interested in supporting research on the development of sound science to systematically inform policy makers at the state and local levels regarding the development of innovative approaches to enable effective implementation of air pollution control.

**Fy2015 Brownfields Area-Wide Planning Grant**

**Funding Opportunity Number:** EPA-OSWER-OBLR-14-06  
**Application Deadline:** September 22, 2014  
**Description:** This notice announces the availability of EPA grant funds and solicits proposals from eligible entities to conduct research, technical assistance, and/or training activities that will enable the entity to develop an area-wide plan for brownfields assessment, cleanup, and subsequent reuse. [FY2015 BROWNFIELDS AREA-WIDE PLANNING GRANT](http://www.epa.gov/ncer/rfa/2014/2014-star-ace.html)

**Air Pollution Monitoring for Communities**

**Funding Opportunity Number:** EPA-G2014-STAR-K1  
**Application Deadline:** October 7, 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 empowering communities and individuals to take action to avoid air pollution exposure, using low-cost portable air pollution sensors. Specifically of interest is research on using low-cost portable sensors to understand and avoid air pollution exposure, on the ways communities and individuals interact with air pollution sensors and their data, on methods for understanding and managing the quality of data from air pollution sensors, and on how sensors and sensor networks compare to existing state-of-the-art air quality monitoring methods. [http://www.epa.gov/ncer/rfa/2014/2014-star-air-pollution-monitoring.html](http://www.epa.gov/ncer/rfa/2014/2014-star-air-pollution-monitoring.html)

**Miami-Dade County Department of Cultural Affairs**

**Audience Access Grant Program**

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

**Community Grants Program (CG) – 2nd Quarter**

**Funding Opportunity Number:** N/A  
**Pre-Grant Submission Workshops (CG Specific):** August 14, 2014, 2 PM  
**RSVP:** https://docs.google.com/spreadsheet/viewform?formkey=dGNmaVp3TUVGTXlmSFBGbfXfVHk4cFE6MQ#gid=0  
**Application Deadline:** September 4, 2014 – 4PM  
**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](http://miamidadearts.culturegrants.org/navigation/links/page/community-grants-program-cg)

**Summer Arts & Science Camps for Kids (SAS-C)**

**Funding Opportunity Number:** N/A  
**Pre-Grant Submission Workshops (SAS-C Specific):** September 9, 2014 – 2:00 PM  
September 18, 2014 – 10:00 AM RSVP: [http://miamidadearts.culturegrants.org/navigation/links/page/summer-arts-science-camps-for-kids-sas-c](http://miamidadearts.culturegrants.org/navigation/links/page/summer-arts-science-camps-for-kids-sas-c)  
**Application Deadline:** October 3, 2014 - 4:00 PM  
**Description:** The objective of the SAS-C Program is to grant funding to non-profit organizations to provide...
underserved children in Miami-Dade County with opportunities to attend high quality cultural arts and science summer camp programs at little or no cost. [http://miamidadearts.culturegrants.org/navigation/links/page/summer-arts-science-camps-for-kids-sas-c](http://miamidadearts.culturegrants.org/navigation/links/page/summer-arts-science-camps-for-kids-sas-c)

**Tourist Development Council Grant Program (TDC) – 2nd Quarter**

**Funding Opportunity Number:** N/A  
**Pre-Grant Submission Workshops (TDC Specific):** September 18, 2014, 2 pm  
**RSVP:** https://docs.google.com/spreadsheet/viewform?formkey=dDIYNGhUNIJJTdVJJeDdkSDdwQIo0d1E6MQ#gid=0  
**Grant System Basics Workshop:** Visit CGO Miami Homepage for dates & times: [http://miamidadearts.culturegrants.org/navigation/links/page/homepage](http://miamidadearts.culturegrants.org/navigation/links/page/homepage)  
**Application Deadline:** October 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](http://miamidadearts.culturegrants.org/navigation/links/page/tourist-development-council-tdc)

**National Aeronautics and Space Administration**

**Lunar Data Analysis**

**Funding Opportunity Number:** NNH14ZDA001N-LDAP  
**Pre-Application Deadline:** August 29, 2014  
**Application Deadline:** October 24, 2014  
**Description:** The Lunar Data Analysis Program (LDAP) program funds research on the analysis of recent lunar missions in order to enhance their scientific return. LDAP broadens scientific participation in the analysis of mission data sets and funds high-priority areas of research that support planning for future lunar missions. [http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={C33C9D34-76BB-A818-F62C-2069F03A4C17}&path=open](http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={C33C9D34-76BB-A818-F62C-2069F03A4C17}&path=open)

**Atmospheric Composition: Laboratory Research**

**Funding Opportunity Number:** NNH14ZDA001N-ACLS  
**Application Deadline:** August 14, 2014  
**Description:** The principal area of research solicited through this program element is for laboratory investigations that supply basic spectroscopic, chemical, and physical measurements that are currently needed to interpret atmospheric composition data sets. [http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={7F232BED-E4ED-3DE9-1585-38E55EDA33EC}&path=open](http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={7F232BED-E4ED-3DE9-1585-38E55EDA33EC}&path=open)

**Nancy Grace Roman Technology Fellowship**

**Funding Opportunity Number:** NNH14ZDA001N-RTF  
**Pre-Application Deadline:** September 5, 2014  
**Application Deadline:** November 6, 2014  
**Description:** The goals of the Nancy Grace Roman Technology Fellowship (RTF) program in Astrophysics are to give early career researchers the opportunity to develop the skills necessary to lead astrophysics flight instruments/projects and become principal investigators (PIs) of future astrophysics missions; to develop innovative technologies for space astrophysics that have the potential to enable major scientific breakthroughs; and to foster new talent by putting early-career instrument builders on a trajectory towards long-term positions. [http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={9E8573DE-F596-9C90-0276-06A9C6A6FBD1}&path=open](http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={9E8573DE-F596-9C90-0276-06A9C6A6FBD1}&path=open)

**Planetary Instrument Concepts for the Advancement of Solar System Observations**

**Funding Opportunity Number:** NNH14ZDA001N-PICASSO  
**Pre-Application Deadline:** September 15, 2014  
**Application Deadline:** November 14, 2014

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriguez@fiu.edu](mailto:Mercedes.rodriguez@fiu.edu)
**Description:** The Planetary Instrument Concepts for the Advancement of Solar System Observations (PICASSO) Program supports the development of spacecraft-based instrument systems that show promise for use in future planetary missions.

http://nspires.nasaps.com/external/solicitations/summary.do?method=init&solId={2665EF4A-83ED-D793-9203-2D1E5FC03740}&path=open

**Lunar Data Analysis Program**

**Funding Opportunity Number:** NNH14ZDA001N-LDAP

**Application Deadline:** August 29, 2014

**Description:** The Lunar Data Analysis Program (LDAP) program funds research on the analysis of recent lunar missions in order to enhance their scientific return. LDAP broadens scientific participation in the analysis of mission data sets and funds high-priority areas of research that support planning for future lunar missions.


**National Institutes of Health**

**Development of Novel Therapeutics for Select Anaerobic Protozoa (R21/R33)**

**Funding Opportunity Number:** (RFA-AI-14-015)

**Application Deadline:** October 30, 2014

**Description:** The purpose of this FOA is to solicit applications to support early stage translational research focused on the development of novel therapeutics against select anaerobic protozoal pathogens.


**The National Drug Abuse Treatment Clinical Trials Network (UG1)**

**Funding Opportunity Number:** (RFA-DA-15-008)

**Application Deadline:** December 3, 2014

**Description:** This Funding Opportunity Announcement (FOA) invites applications from clinical investigators to participate in the National Drug Abuse Treatment Clinical Trials Network (CTN). NIDA intends to expand its research to develop and test interventions for the management of the wide spectrum of substance use disorders (SUD) with input from and collaboration with clinical research investigators, healthcare providers, patients and relevant stakeholders. It is expected that successful applicants will describe working alliances with existing and newly created practice-based primary care or other general medical research networks.


**NIDDK Cooperative Hematology Specialized Core Centers (U54)**

**Funding Opportunity Number:** (RFA-DK-14-001)

**Application Deadline:** November 19, 2014

**Description:** The purpose of this Funding Opportunity Announcement is to invite U54 grant applications for Cooperative Specialized Hematology Core Centers.


**International Research Collaboration on Alcohol and Alcoholism (U01)**

**Funding Opportunity Number:** (PAR-14-268)

**Application Deadline:** Multiple dates, see announcement.

**Description:** This Funding Opportunity Announcement (FOA) invites applications for the purpose of fostering international collaborations between alcohol research investigators located at non-United States laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner.

Innovative Therapies and Tools for Screenable Disorders in Newborns (R21)
Funding Opportunity Number: (PAR-14-269)
Application Deadline: Multiple dates, see announcement.
Description: This Funding Opportunity Announcement (FOA) encourages Exploratory/Developmental Research Grant (R21) applications from institutions/organizations that propose research relevant to the basic understanding and development of therapeutic interventions for currently screened conditions and “high priority” genetic conditions for which screening could be possible in the near future. In this FOA, a “high priority” condition is one for which the development of an efficacious therapy would make the condition amenable to newborn screening.

Innovative Therapies and Tools for Screenable Disorders in Newborns (R01)
Funding Opportunity Number: (PAR-14-270)
Application Deadline: Multiple dates, see announcement.
Description: This Funding Opportunity Announcement (FOA) encourages Research Project Grant (R01) applications from institutions/organizations that propose research relevant to the basic understanding and development of therapeutic interventions for currently screened conditions and “high priority” genetic conditions for which screening could be possible in the near future. In this FOA, a “high priority” condition is one for which the development of an efficacious therapy would make the condition amenable to newborn screening.

Innovative Therapies and Tools for Screenable Disorders in Newborns (R03)
Funding Opportunity Number: (PAR-14-271)
Application Deadline: Multiple dates, see announcement.
Description: This Funding Opportunity Announcement (FOA) encourages Research Project Grant (R03) applications from institutions/organizations that propose research relevant to the basic understanding and development of therapeutic interventions for currently screened conditions and “high priority” genetic conditions for which screening could be possible in the near future. In this FOA, a “high priority” condition is one for which the development of an efficacious therapy would make the condition amenable to newborn screening.

Medically Assisted Reproduction: Investigation of Mechanisms Underlying the Adverse Outcomes and Development of New and Improved Methods to Overcome the Adverse Outcomes (R01)
Funding Opportunity Number: (PAR-14-272)
Application Deadline: September 30, 2014, September 30, 2015, September 30, 2016, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.
Description: This funding opportunity announcement encourages the extramural scientific community to submit applications to study ART and NIFT for their potential long-term health and developmental outcomes.

Medically Assisted Reproduction: Investigation of Mechanisms Underlying the Adverse Outcomes and Development of New and Improved Methods to Overcome the Adverse Outcomes (R21)
Funding Opportunity Number: (PAR-14-273)
Application Deadline: September 30, 2014, September 30, 2015, September 30, 2016, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.
Description: This funding opportunity announcement encourages the innovative and high-risk/impact studies for assessing the long-term outcomes and development of registries for documenting data on ART and NIFT procedures.

Pharmacogenetics, Pharmacoeigenetics and Personalized Medicine in Children (R01)
Funding Opportunity Number: (PAR-14-274)
Application Deadline: Multiple dates, see announcement.
Description: The purpose of this funding opportunity announcement (FOA) is to encourage pharmacogenetic and epigenetic studies and improved phenotyping in children’s pharmacotherapy that will allow individualization of treatment in children.  

State Occupational Health and Safety Surveillance Program (U60)  
Funding Opportunity Number: (PAR-14-275)  
Description: Occupational surveillance data are used to identify state priorities and guide efforts to improve and protect worker safety and health; monitor statistical and other trends and progress over time; and to develop prevention intervention recommendations.  

Aging and Neuromuscular Junctions (R01)  
Funding Opportunity Number: RFA-AG-15-008  
Application Deadline: January 29, 2015  
Description: The purpose of this FOA is to encourage cross-disciplinary research to investigate the mechanisms underlying age-related declines in neuromuscular junctions (NMJs) as a functional unit of nerve and muscle, and explore potential avenues for maintaining the NMJs during aging or reversing the age-dependent loss in function of the NMJs using model organisms.  

Summer Research Training in Aging for Medical Students (T35)  
Funding Opportunity Number: RFA-AG-15-009  
Application Deadline: October 30, 2014  
Description: This short-term research training program is intended to: encourage medical students, early in their training, to consider pursuing either a basic science or health-services or clinical-research career in the areas of research that are important to the NIA; and increase the pool of physician scientists engaged in biomedical, clinical or health-services research in those areas necessary to continue NIA's mission.  

Immunobiology of Xenotransplantation (U19)  
Funding Opportunity Number: RFA-AI-14-047  
Application Deadline: November 20, 2014  
Description: This Funding Opportunity Announcement solicits applications to participate in the Immunobiology of Xenotransplantation Cooperative Research Program (IXCRP) for the development of preclinical porcine to nonhuman primate (NHP) models of islet, kidney, heart, lung, or liver xenotransplantation.  

Immunobiology of Xenotransplantation (U01)  
Funding Opportunity Number: RFA-AI-14-048  
Application Deadline: November 20, 2014  
Description: This Funding Opportunity Announcement solicits applications to participate in the Immunobiology of Xenotransplantation Cooperative Research Program (IXCRP) for the development of preclinical porcine to nonhuman primate (NHP) models of islet, kidney, heart, lung, or liver xenotransplantation.  

U.S.-China Program for Research Toward a Cure for HIV/AIDS (R01)  
Funding Opportunity Number: RFA-AI-14-057  
Application Deadline: November 21, 2014  
Description: The purpose of this Funding Opportunity Announcement (FOA) is to stimulate collaborative research opportunities between investigators in the U.S. and China focused on research toward a cure for HIV/AIDS.  

Centers of Cancer Nanotechnology Excellence (CCNEs) (U54)  
Funding Opportunity Number: RFA-CA-14-013  
Application Deadline: November 3, 2014

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
**Description:** This Funding Opportunity Announcement (FOA) solicits applications for Centers of Cancer Nanotechnology Excellence (CCNE) that will be a main part of the NCI Alliance for Nanotechnology in Cancer (The Alliance) program (http://nano.cancer.gov). NCI will hold a pre-application informational webinar for this FOA. Date, time, and other details will be posted at http://nano.cancer.gov/phase3info. http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-14-013.html

Neuroscience Information Framework (U24)
**Funding Opportunity Number:** RFA-DA-15-009
**Application Deadline:** September 26, 2014
**Description:** The purpose of this FOA is to support the Neuroscience Information Framework Infrastructure and Search for Lacunas/Gaps in Knowledge about the Nervous System. http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-009.html

Extracellular Vesicles in HIV/AIDS and Substance Abuse (R01)
**Funding Opportunity Number:** RFA-DA-15-011
**Application Deadline:** December 15, 2014
**Description:** The purpose of this FOA is to encourage research projects that investigate extracellular vesicles in HIV infection/progression or as potential HIV/AIDS biomarkers or therapeutics. Proposed projects must also explore the potential impact of exposure to substances of abuse. http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-011.html

Extracellular Vesicles in HIV/AIDS and Substance Abuse (R21)
**Funding Opportunity Number:** RFA-DA-15-012
**Application Deadline:** December 15, 2014
**Description:** The purpose of this FOA is to encourage research projects that investigate extracellular vesicles in HIV infection/progression or as potential HIV/AIDS biomarkers or therapeutics. Proposed projects must also explore the potential impact of exposure to substances of abuse. http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-012.html

Obstetric-Fetal Pharmacology Research Centers (OPRC) (U54)
**Funding Opportunity Number:** RFA-HD-14-013
**Application Deadline:** September 15, 2014
**Description:** The purpose of this funding opportunity announcement (FOA) is to announce the competition of the Obstetric-Fetal Pharmacology Research Centers (OPRC) - a specialized cooperative multicenter program in the obstetric pharmacology research. http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-14-013.html

The Electronic Medical Records and Genomics (eMERGE) Network, Phase III Coordinating Center (U01)
**Funding Opportunity Number:** RFA-HG-14-026
**Application Deadline:** November 12, 2014
**Description:** The purpose of this funding opportunity announcement (FOA) is to continue genomic discovery and implementation research in Phase III of the Electronic Medical Records and Genomics (eMERGE) Network by providing support for a Coordinating Center to provide centralized support and infrastructure for the program. http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-026.html

The Electronic Medical Records and Genomics (eMERGE) Network, Phase III Central Sequencing and Genotyping Facility (U01)
**Funding Opportunity Number:** RFA-HG-14-027
**Application Deadline:** November 12, 2014
**Description:** The purpose of this Funding Opportunity Announcement (FOA) is to continue genomic discovery and implementation research in Phase III of the eMERGE Network by providing support for centralized sequencing and genotyping facility(-ies) for the Electronic Medical Records and Genomics (eMERGE) Network. http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-027.html

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
AHRQ Health Services Research Demonstration and Dissemination Grants (R18)  
**Funding Opportunity Number:** PA-14-290  
**Application Deadline:** Multiple dates, see announcement.  
**Description:** The Research Demonstration and Dissemination Grant (R18) is an award made by AHRQ to an institution/organization to support a discrete, specified health services research project. The project will be performed by the named investigator and study team. The R18 research plan proposed by the applicant institution/organization must be related to the mission and priority research interests of AHRQ.  

AHRQ Health Services Research Projects (R01)  
**Funding Opportunity Number:** PA-14-291  
**Application Deadline:** Multiple dates, see announcement.  
**Description:** The Research Project Grant (R01) is an award made by AHRQ to an institution/organization to support a discrete, specified health services research project. The project will be performed by the named investigator and study team. The R01 research plan proposed by the applicant institution/organization must be related to the mission and priority research interests of AHRQ.  

Pilot Centers for Precision Disease Modeling (U54)  
**Funding Opportunity Number:** PAR-14-280  
**Application Deadline:** October 1, 2014  
**Description:** This Funding Opportunity Announcement (FOA) invites U54 cooperative agreement applications for Pilot Centers for Precision Disease Modeling. The goal of the Centers is to support collaborative research projects that link current personalized medicine efforts in human subjects with advances in animal genomics and technologies for genetic manipulation and creation of interspecies somatic hybrids.  

Connectomes Related to Human Disease (U01)  
**Funding Opportunity Number:** PAR-14-281  
**Application Deadline:** Multiple dates, see announcement.  
**Description:** This Funding Opportunity Announcement (FOA) invites applications to build on the data collected using the very well defined experimental protocols of the Human Connectome Project (HCP) ([http://www.neuroscienceblueprint.nih.gov/connectome/](http://www.neuroscienceblueprint.nih.gov/connectome/)). Applications are sought that will apply the Human Connectome data collection protocol to disease/disorder cohorts of interest to the Institutes and Centers that are participating in this FOA.  

High Throughput Screening (HTS) to Discover Chemical Probes (R21)  
**Funding Opportunity Number:** PAR-14-283  
**Application Deadline:** Multiple dates, see announcement.  
**Description:** This Funding Opportunity Announcement (FOA) encourages investigators to form collaborations with an established academic, nonprofit, or commercial high throughput screening (HTS) facility that has the requisite expertise and experience to implement HTS-ready assays for the discovery and development of small molecule chemical probes. Emphasis will be placed on projects that provide new insight into important disease targets and processes.  

High Throughput Screening (HTS) to Discover Chemical Probes (R01)  
**Funding Opportunity Number:** PAR-14-284  
**Application Deadline:** September 7, 2017  
**Description:** NIH wishes to stimulate research in 1) discovery and development of novel, small molecules for their potential use in studying disease treatments relevant to the missions of the participating NIH Institutes, and 2) discovery and/or validation of novel, biological targets that will inform studies of disease mechanisms. Emphasis will be placed on projects that provide new insight into important disease targets and processes.  

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriguez@fiu.edu](mailto:Mercedes.rodriguez@fiu.edu)
Innovative Research in Cancer Nanotechnology (IRCN) (U01)
Funding Opportunity Number: PAR-14-285
Application Deadline: Multiple dates, see announcement.
Description: This Funding Opportunity Announcement (FOA) invites applications for the development of innovative research projects in cancer nanotechnology. NCI will hold a pre-application informational webinar for this FOA. Date, time, and other details will be posted at http://nano.cancer.gov/phase3info. http://grants.nih.gov/grants/guide/notice-files/PAR-14-285.html

NINDS CREATE Bio Discovery Track: Optimization in Preparation for Development of Biotechnology Products and Biologics (U01)
Funding Opportunity Number: PAR-14-286
Application Deadline: Multiple dates, see announcement.
Description: This Funding Opportunity Announcement (FOA) is dedicated to the discovery of therapeutic Biotechnology Products and Biologics (e.g., peptides, proteins, oligonucleotides, gene therapies, and cell therapies) for disorders that fall under the NINDS mission. http://grants.nih.gov/grants/guide/notice-files/PAR-14-286.html

NINDS CREATE Bio Development Track: Preclinical and Early-phase Clinical Development for Biotechnology Products and Biologics (UH2/UH3)
Funding Opportunity Number: PAR-14-288
Application Deadline: Multiple dates, see announcement.
Description: This Funding Opportunity Announcement (FOA) is dedicated to the development of therapeutic Biotechnology Products and Biologics (e.g., peptides, proteins, oligonucleotides, gene therapies, and cell therapies) for disorders that fall under the NINDS mission. http://grants.nih.gov/grants/guide/notice-files/PAR-14-288.html

Extramural Loan Repayment Program for Clinical Researchers (LRP-CR)
Funding Opportunity Number: NOT-OD-14-105
Application Deadline: Annually from September 1 through November 15, 8:00 p.m. EST.
Description: The NIH invites qualified health professionals who contractually agree to engage in NIH mission-relevant research for at least two years, and who agree to engage in such research for at least 20 hours per week based on a 40-hour work week, to apply for participation in the extramural LRP. Applications must be submitted electronically using the NIH Loan Repayment Program Website, www.lrp.nih.gov. http://grants.nih.gov/grants/guide/notice-files/NOT-OD-14-105.html

Extramural Clinical Research Loan Repayment Program for Clinical Researchers from Disadvantaged Backgrounds (LRP-IDB)
Funding Opportunity Number: NOT-OD-14-106
Application Deadline: Annually from September 1 through November 15, 8:00 p.m. EST.
Description: The overall purpose of the extramural LRP is the recruitment and retention of highly qualified health professionals as research investigators to careers in research. Additional detailed Information about each LRP is provided at http://www.lrp.nih.gov/about_the_programs/index.aspx. The NIH invites qualified health professionals who contractually agree to engage in NIH mission-relevant research for at least two years, and who agree to engage in such research for at least 20 hours per week based on a 40-hour work week, to apply for participation in the extramural LRP. Applications must be submitted electronically using the NIH Loan Repayment Program Website, www.lrp.nih.gov. http://grants.nih.gov/grants/guide/notice-files/NOT-OD-14-106.html

Extramural Loan Repayment Program for Pediatric Research (LRP-PR)
Funding Opportunity Number: NOT-OD-14-107
Application Deadline: Annually from September 1 through November 15, 8:00 p.m. EST.
Description: The NIH invites qualified health professionals who contractually agree to engage in NIH mission-relevant research for at least two years, and who agree to engage in such research for at least 20 hours per week based on a 40-hour work week, to apply for participation in the extramural LRP. Extramural LRP provide for the repayment of educational loan debt of up to $35,000 annually for qualified health professionals performing research within the mission of NIH at domestic, non-profit, or government entities. Applications must be submitted electronically using the NIH Loan Repayment Program

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Extramural Loan Repayment Program for Contraception and Infertility Research (LRP-CIR)
Funding Opportunity Number: NOT-OD-14-108
Application Deadline: Annually from September 1 through November 15, 8:00 p.m. EST.
Description: The NIH invites qualified health professionals who contractually agree to engage in NIH mission-relevant research for at least two years, and who agree to engage in such research for at least 20 hours per week based on a 40-hour work week, to apply for participation in the extramural LRP. Extramural LRPs provide for the repayment of educational loan debt of up to $35,000 annually for qualified health professionals performing research within the mission of NIH at domestic, non-profit, or government entities. Applications must be submitted electronically using the NIH Loan Repayment Program Website, www.lrp.nih.gov.

Extramural Loan Repayment Program for Health Disparities Research (LRP-HDR)
Funding Opportunity Number: NOT-OD-14-109
Application Deadline: Annually from September 1 through November 15, 8:00 p.m. EST.
Description: The NIH invites qualified health professionals to engage in contracts to participate in NIH mission-relevant research for two years or more, for at a minimum of 20 hours per week based on a 40-hour work week, to apply for participation in the extramural LRP. Extramural LRPs provide for repayment of educational loan debt of up to $35,000 annually for qualified health professionals performing research within the mission of NIH at domestic, non-profit, or government entities. Applications must be submitted electronically using the NIH Loan Repayment Program Website, www.lrp.nih.gov.

Paul B. Beeson Clinical Scientist Development Award in Aging (K08)
Funding Opportunity Number: (RFA-AG-15-016)
Application Deadline: November 7, 2014
Description: This Funding Opportunity Announcement (FOA) encourages and assists the development of future leaders in the field of aging by supporting clinically trained (primarily physician) faculty members early in their careers to gain additional research training and to establish independent programs in aging research. The John A. Hartford Foundation (http://www.jhartfound.org/) and The American Federation for Aging Research (http://www.afar.org/) are interested in independently funding applications submitted under this initiative.

Paul B. Beeson Patient-Oriented Research Career Development Award in Aging (K23)
Funding Opportunity Number: (RFA-AG-15-017)
Application Deadline: November 7, 2014
Description: This Funding Opportunity Announcement (FOA) encourages and assists the development of future leaders in the field of aging by supporting clinically trained (primarily physician) faculty members early in their careers to gain additional research training and to establish independent programs in aging research. The John A. Hartford Foundation (http://www.jhartfound.org/) and The American Federation for Aging Research (http://www.afar.org/) are interested in independently funding applications submitted under this initiative.

Mucosal Environment and HIV Prevention (MEHP II) (R01)
Funding Opportunity Number: (RFA-AI-14-036)
Application Deadline: November 21, 2014
Description: The purpose of the Mucosal Environment and HIV Prevention II (MEHP II) Funding Opportunity Announcement (FOA) is to solicit applications that support innovative proof-of-concept/feasibility non-vaccine biomedical prevention (nBP) research needed to support and advance the development of safer and more effective microbicides and Pre-Exposure Prophylaxis (PrEP) strategies. http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-036.html
Interventions for Youth who Misuse/Abuse Prescription Stimulant Medications in High School and/or College-Attending Youth (U01)

Funding Opportunity Number: (RFA-DA-15-010)

Application Deadline: November 13, 2014

Description: This Funding Opportunity Announcement (FOA) solicits U01 applications conducting either hypothesis-driven or hypothesis-generating controlled research to build an evidence base to address the problem of prescription stimulant medication (PSM) misuse in youth. Specifically this FOA solicits research applications that develop and test the efficacy of interventions to either prevent or reduce the misuse and diversion of PSMs among high school students and/or college students. [http://grants.nih.gov/grants/guide/ra-files/RFA-DA-15-010.html](http://grants.nih.gov/grants/guide/ra-files/RFA-DA-15-010.html)

Advanced Clinical Trials to test Artificial Pancreas Device Systems in Type 1 Diabetes (UC4)

Funding Opportunity Number: (RFA-DK-14-024)

Application Deadline: April 15, 2015

Description: This FOA will support the conduct of advanced clinical trials designed to test the outpatient clinical safety and efficacy of artificial pancreas (AP) device systems in type 1 diabetes with the objective of improving glycemic control and reducing acute and chronic complications of the disease. [http://grants.nih.gov/grants/guide/ra-files/RFA-DK-14-024.html](http://grants.nih.gov/grants/guide/ra-files/RFA-DK-14-024.html)

NIH Transformative Research Awards (R01)

Funding Opportunity Number: (RFA-RM-14-003)

Application Deadline: October 10, 2014

Description: The NIH Transformative Research Awards complement NIH’s traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. [http://grants.nih.gov/grants/guide/ra-files/RFA-RM-14-003.html](http://grants.nih.gov/grants/guide/ra-files/RFA-RM-14-003.html)

Blueprint Neurotherapeutics Network (BPN): Small Molecule Drug Discovery and Development for Disorders of the Nervous System (UH2/UH3)

Funding Opportunity Number: (PAR-14-293)


Description: The Blueprint Neurotherapeutics Network (BPN) invites applications from neuroscience investigators seeking support to advance their small molecule drug discovery and development projects into the clinic. [http://grants.nih.gov/grants/guide/pa-files/PAR-14-293.html](http://grants.nih.gov/grants/guide/pa-files/PAR-14-293.html)

Arts-Based Approaches in Palliative Care for Symptom Management (R01)

Funding Opportunity Number: (PAR-14-294)

Application Deadline: Multiple dates, see announcement.

Description: The purpose of this funding opportunity announcement (FOA) is to support mechanistic clinical studies aimed at understanding the impact of arts-based approaches in palliative care for symptom management. [http://grants.nih.gov/grants/guide/pa-files/PAR-14-294.html](http://grants.nih.gov/grants/guide/pa-files/PAR-14-294.html)

National Science Foundation

Collections in Support of Biological Research

Funding Opportunity Number: 14-564

Application Deadline: August 11, 2014

Description: The Collections in Support of Biological Research (CSBR) Program provides funds: 1) for improvements to secure, improve, and organize collections that are significant to the NSF BIO-funded research community; 2) to secure collections-related data for sustained, accurate, and efficient accessibility of the collection to the biological research community; and 3) to transfer collection ownership responsibilities. [http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14564](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14564)
NSF Scholarships in Science, Technology, Engineering, and Mathematics
Funding Opportunity Number: 12-529
Application Deadline: August 12, 2014
Description: This program makes grants to institutions of higher education to support scholarships for academically talented students demonstrating financial need, enabling them to enter the STEM workforce or STEM graduate school following completion of an associate, baccalaureate, or graduate-level degree in science, technology, engineering or mathematics disciplines.

Advances in Biological Informatics
Funding Opportunity Number: 12-567
Application Deadline: August 12, 2014
Description: The Advances in Biological Informatics (ABI) program seeks to encourage new approaches to the analysis and dissemination of biological knowledge for the benefit of both the scientific community and the broader public. The ABI program is especially interested in the development of informatics tools and resources that have the potential to advance- or transform- research in biology supported by the Directorate for Biological Sciences at the National Science Foundation. The ABI program accepts three major types of proposals: Innovation awards that seek to pioneer new approaches to the application of informatics to biological problems, Development awards that seek to provide robust cyberinfrastructure that will enable transformative biological research, and Sustaining awards that seek to support ongoing operations and maintenance of existing cyberinfrastructure that is critical for continued advancement of priority biological research.

Centers of Research Excellence in Science and Technology
Funding Opportunity Number: 14-565
Application Deadline: August 13, 2014
Description: The Centers of Research Excellence in Science and Technology (CREST) program provides support to enhance the research capabilities of minority-serving institutions (MSI) through the establishment of centers that effectively integrate education and research.

Geography and Spatial Sciences Program
Funding Opportunity Number: 14-538
Application Deadline: August 14, 2014
Description: The Geography and Spatial Sciences Program sponsors research on the geographic distributions and interactions of human, physical, and biotic systems on Earth. Investigators are encouraged to propose plans for research about the nature, causes, and consequences of human activity and natural environmental processes across a range of scales. This solicitation addresses the preparation and evaluation of proposals for Doctoral Dissertation Research Improvement (DDRI) awards.

Political Science
Funding Opportunity Number: PD-98-1371
Application Deadline: August 15, 2014
Description: The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions. Besides information on the Political Science Program, we invite you to also look at the Cross-Directorate Activities program web site. Furthermore, for program specific guidelines on the Doctoral Dissertation Improvement Grant, please view the: Doctoral Preparation Checklist.
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5418

Marine Geology and Geophysics
Funding Opportunity Number: PD-98-1620
Application Deadline: August 15, 2014

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
**Description:** The Marine Geology and Geophysics program supports research on all aspects of geology and geophysics of the ocean basins and margins, as well as the Great Lakes. The Program includes: Structure, tectonic evolution and volcanic activity of the ocean basins, the continental margins, the mid-ocean ridges, and island arc systems. Processes controlling exchange of heat and chemical species between seawater and ocean rocks Genesis, chemistry, and mineralogic evolution of marine sediments. Processes controlling deposition, erosion and transport of marine sediments. Past ocean circulation patterns and climates and Interactions of continental and marine geologic processes.  

**Sociology**  
**Funding Opportunity Number:** PD-98-1331  
**Application Deadline:** August 15, 2014  
**Description:** The Sociology Program supports basic research on all forms of human social organization -- societies, institutions, groups and demography—and processes of individual and institutional change. The Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology.  

**Chemical Oceanography**  
**Funding Opportunity Number:** PD-98-1670  
**Application Deadline:** August 15, 2014  
**Description:** The Chemical Oceanography Program supports research into the chemical components, reaction mechanisms, and geochemical pathways within the ocean and at its interfaces with the solid earth and the atmosphere. Major emphases include: studies of material inputs to and outputs from marine waters; allochemical and biological production and transformation of chemical compounds and phases within the marine system; and the determination of reaction rates and study of equilibria. The Program encourages research into the chemistry, distribution, and fate of inorganic and organic substances introduced into or produced within marine environments including those from estuarine waters to the deep sea.  

**Biological Oceanography**  
**Funding Opportunity Number:** PD-98-1650  
**Application Deadline:** August 15, 2014  
**Description:** The Biological Oceanography Program supports research in marine ecology broadly defined: relationships among aquatic organisms and their interactions with the environments of the oceans or Great Lakes. Projects submitted to the program for consideration are often interdisciplinary efforts that may include participation by other OCE Programs.  

**Physical Oceanography**  
**Funding Opportunity Number:** PD-98-1610  
**Application Deadline:** August 15, 2014  
**Description:** The Physical Oceanography Program supports research on a wide range of topics associated with the structure and movement of the ocean, with the way in which it transports various quantities, with the way the ocean's physical structure interacts with the biological and chemical processes within it, and with interactions between the ocean and the atmosphere, solid earth and ice that surround it.  

**Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants**  
**Funding Opportunity Number:** 14-560  
**Application Deadline:** August 15, 2014  
**Description:** The primary objective of the Cultural Anthropology Program is to support basic scientific research on the causes, consequences, and complexities of human social and cultural variability.  
Cultural Anthropology Scholars Awards  
**Funding Opportunity Number:** 07-544  
**Application Deadline:** August 16, 2014  
**Description:** The National Science Foundation announces an opportunity for methodological training by cultural anthropologists who are active researchers. The purpose is to help cultural anthropologists upgrade their methodological skills by learning a specific analytical technique which will improve their research abilities.  

Cultural Anthropology  
**Funding Opportunity Number:** PD-98-1390  
**Application Deadline:** August 16, 2014  
**Description:** The Cultural Anthropology Program supports basic scientific research about the causes, consequences, and complexities of human social and cultural variability. For more details about the various funding opportunities within the Cultural Anthropology Program, please consult the Cultural Anthropology Program Overview page.  

Decision, Risk and Management Sciences  
**Funding Opportunity Number:** PD-98-1321  
**Application Deadline:** August 18, 2014  
**Description:** The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Disciplinary and interdisciplinary research, doctoral dissertation research, and workshops are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design. For additional funding opportunities, we invite you to also look at the Cross-Directorate Activities program website. For program specific guidelines on the Doctoral Dissertation Improvement Grants in DRMS, please visit: Doctoral Preparation Checklist.  

Economics  
**Funding Opportunity Number:** PD-98-1320  
**Application Deadline:** August 18, 2014  
**Description:** The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. For additional funding opportunities, we invite you to also look at the Cross Disciplinary Activities homepage. For program specific guidelines on the Doctoral Dissertation Improvement Grants in Economics, please visit: Doctoral Preparation Checklist.  

International Research Experiences for Students  
**Funding Opportunity Number:** 12-551  
**Application Deadline:** August 19, 2014  
**Description:** The International Research Experiences for Students (IRES) program supports development of globally-engaged U.S. science and engineering students capable of performing in an international research environment at the forefront of science and engineering.  

EarthScope  
**Funding Opportunity Number:** 14-552  
**Application Deadline:** August 25, 2014  
**Description:** EarthScope is an Earth science program to explore the 4-dimensional structure of the North American continent. This Solicitation calls for single or collaborative proposals to conduct scientific research and/or education and outreach activities within North America that make use of capabilities and/or data provided through the EarthScope Facility to further the scientific and educational goals of EarthScope, as described in the 2010 EarthScope Science Plan and/or EarthScope Education and Outreach Implementation Plan.
Cognitive Neuroscience

**Funding Opportunity Number:** 14-514  
**Application Deadline:** August 27, 2014  
**Description:** The Cognitive Neuroscience Program seeks highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior, including how such processes develop and change in the brain and through time. [http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14514](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf14514)

Veteran Affairs

**Grants for Adaptive Sports Programs for Disabled Veterans and Members of the Armed Forces**  
**Funding Opportunity Number:** VA-ASP-2015-01  
**Application Deadline:** August 7, 2014  
**Description:** The ASP Program’s purpose is to enable eligible adaptive sports entities to plan, develop, manage, and implement programs to provide opportunities for disabled Veterans and disabled members of the Armed Forces. [http://www.va.gov/adaptivesports/va_grant_program.asp](http://www.va.gov/adaptivesports/va_grant_program.asp)

**Contact DoR Senior Leadership**

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<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrés G. Gil</td>
<td>Vice President for Research</td>
<td><a href="mailto:Andres.gil@fiu.edu">Andres.gil@fiu.edu</a></td>
</tr>
<tr>
<td>Joseph Barabino</td>
<td>Associate Vice President for Research Administration</td>
<td><a href="mailto:Joseph.barabino@fiu.edu">Joseph.barabino@fiu.edu</a></td>
</tr>
<tr>
<td>Luis P. Salas</td>
<td>Associate Vice President for Research</td>
<td><a href="mailto:Luis.salas@fiu.edu">Luis.salas@fiu.edu</a></td>
</tr>
<tr>
<td>Mirtha Alberto</td>
<td>Director, <strong>Budget &amp; Cost Analysis</strong></td>
<td><a href="mailto:Mirtha.alberto@fiu.edu">Mirtha.alberto@fiu.edu</a></td>
</tr>
<tr>
<td>Henry Artigues</td>
<td>Director, <strong>Research Operations &amp; External Partnerships</strong></td>
<td><a href="mailto:Henry.artigues@fiu.edu">Henry.artigues@fiu.edu</a></td>
</tr>
<tr>
<td>David Driesbach</td>
<td>Director, <strong>Research Information Systems</strong></td>
<td><a href="mailto:David.driesbach1@fiu.edu">David.driesbach1@fiu.edu</a></td>
</tr>
<tr>
<td>Christopher Grayson</td>
<td>Director, <strong>Research Integrity</strong></td>
<td><a href="mailto:Christopher.grayson@fiu.edu">Christopher.grayson@fiu.edu</a></td>
</tr>
<tr>
<td>Robert Gutierrez</td>
<td>Director, <strong>Pre-Award</strong></td>
<td><a href="mailto:Robert.gutierrezrez@fiu.edu">Robert.gutierrezrez@fiu.edu</a></td>
</tr>
<tr>
<td>Pedro Hernández</td>
<td>Director, <strong>Technology Management &amp; Commercialization</strong></td>
<td><a href="mailto:Pedro.hernandez7@fiu.edu">Pedro.hernandez7@fiu.edu</a></td>
</tr>
<tr>
<td>Maureen Pelham</td>
<td>Director, <strong>Research Development</strong></td>
<td><a href="mailto:Maure.pelham@fiu.edu">Maure.pelham@fiu.edu</a></td>
</tr>
<tr>
<td>Aida Reus</td>
<td>Director, <strong>Post-Award</strong></td>
<td><a href="mailto:Aida.reus@fiu.edu">Aida.reus@fiu.edu</a></td>
</tr>
<tr>
<td>Horatiu Vinerean</td>
<td>Director, <strong>Laboratory Animal Research</strong>; Attending Veterinarian</td>
<td><a href="mailto:Horatiu.vinerean@fiu.edu">Horatiu.vinerean@fiu.edu</a></td>
</tr>
<tr>
<td>Susan Webster</td>
<td>Director, <strong>Training &amp; International Research Initiatives</strong></td>
<td><a href="mailto:Susan.webster@fiu.edu">Susan.webster@fiu.edu</a></td>
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