ORED Communicator - September 2015

Office of Economic Research and Development, Florida International University

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As the pace of globalization and competition accelerates, sophisticated organizational leadership is needed to achieve and sustain competitive advantage. FIU’s Center for Leadership offers programs and services proven to equip leaders with the specific skills and competencies needed to transform and position their organizations to meet global challenges.

The array of leadership development programs offered by the Center for Leadership includes specialized programs for women, principals, and high-ranking executives. Alumni include leaders from the health care, banking and finance, technology, and retail industries; educational agencies; government; and the military, with participants representing the United States, Latin America, the Caribbean, Canada, Europe, and Africa.

In recent months, the Center delivered three executive leadership development programs for over 80 Miami-Dade County Public Schools professionals, including an exciting new offering for teacher-leaders. More than 30 women from the executive-level ranks of various industries and companies, including several fortune 500 companies, attended the most recent session of the Center’s Women Leaders Program. In addition, employees of Hewlett Packard (HP) and the Federal Emergency Management Agency (FEMA) were on campus for executive leadership development programs developed and presented by the Center for Leadership. When FIU hosted the Mandela Washington Fellowship for Young African Leaders, an initiative championed by President Obama, this summer, the Center provided program content.

The Center for Leadership’s lecture series, The Leadership Lectures, features world renowned and distinguished academicians and practitioners. Open to the community, the lecture series is designed to stimulate thought-provoking and diverse perspectives on leadership.

To ensure effectiveness and applicability of its leadership development models, The Center for Leadership engages in research projects. It is committed to promoting and advancing the study of leadership, based on its model that effective, ethical decision-making and self-awareness are the keys to great leadership.

For more information on FIU’s Center for Leadership, please visit lead.fiu.edu.
Upcoming Events

September 2015

- **September 17, 2 to 5 pm, MARC Pavilion**, *Proposal Writing Strategies and Funding Opportunities*, presented by Dr. Ivette Pearson Weatherton and Dr. Karen Crosby, **NSF Program Directors**. RSVP required—coming soon

- **September 18, 9 am to 12 noon, MARC Pavilion**, *Proposal Writing Strategies and Funding Opportunities*, presented by Dr. Ivette Pearson Weatherton and Dr. Karen Crosby, **NSF Program Directors**. RSVP required—coming soon

- **September 18, 2 to 3 pm, MARC Pavilion**, *Engineering for Humanity: A Broader View of Broader Impacts*, presented by Dr. Ivette Pearson Weatherton, **NSF Program Director**. RSVP required—coming soon

Awards Received—June 2015

FIU researchers were awarded $19,701,312 in June 2015. Below is a listing of awards received.

**PI:** Malek Adjouadi  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CREST: Center for Innovative Information Systems Engineering  
**AWARD:** $290,513

**PI:** Arvind Agarwal  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Clarkson Aerospace Corp  
**TITLE:** AFRL Collaboration Program - Materials and Manufacturing Research  
**AWARD:** $38,127

**PI:** Hesham A Ali  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Precision of Florida Texture Meter  
**AWARD:** $100,053

**PI:** Jose R Almirall  
**INT FORENSIC RSCH INSTITUTE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** I-Corps Team Development - Analytical Chemistry for Everyone Using CMV  
**AWARD:** $9,233

**PI:** Joann Arnowitz  
**JEWISH MUSEUM OF FLORIDA-FIU**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Funding Arts Network  
**TITLE:** All This Has Come Upon Us  
**AWARD:** $12,000

**PI:** Alejandro Miguel Arrieta Herrera  
**HEALTH POLICY AND MGMT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Indiana University  
**TITLE:** Evaluating the Cost-Benefit of a Contingency Management  
**AWARD:** $12,877
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  
AWARD: $ 923,700

PI: Lorraine Bahrick  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Continuation  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Intersensory Processing, Developmental Trajectories  
AWARD: $ 513,277

PI: Manuel Barbieri  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: Thailand Research Fund  
TITLE: Effect of Clitoria ternatea flower petal extract on in vitro fat formation  
AWARD: $ 7,270

PI: Consuelo Maria Beck Sague  
HEALTH PROMO AND DISEASE PREV  
Award Action Type: Initial  
AWARDING SPONSOR: Health Resources & Services Administrati  
TITLE: Mother and Children FIRST! Fresh Ideas and Resources for Scholar Training  
AWARD: $ 70,000

PI: Shekhar Bhansali  
ELEC AND COMPUTER ENG  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program  
AWARD: $ 11,500

PI: Shekhar Bhansali  
ELEC AND COMPUTER ENG  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program - Dr. Bhansali  
AWARD: $ 34,500

PI: Werner Boeglin  
PHYSICS  
Award Action Type: Initial  
AWARDING SPONSOR: U.S. Department of Energy  
TITLE: Hadronic Physics with Electromagnetic Probes  
AWARD: $ 125,319

PI: Kevin Boswell  
BIOLOGY  
Award Action Type: Increase  
AWARDING SPONSOR: Industrial Economics Inc  
TITLE: Analysis of acoustic data from Deep Water Horizon  
AWARD: $ 66,000

PI: Kevin Boswell  
BIOLOGY  
Award Action Type: Increase  
AWARDING SPONSOR: Nova Southeastern University  
TITLE: DEEPEND: Deep-Pelagic Nekton Dynamics of the Gulf of Mexico  
AWARD: $ 30,000

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
PI: Kevin Boswell  
**SOUTHEAST Env Research Ctr**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Alaska Pacific University  
**TITLE:** Examining the effects of offshore marine mining activities on Norton  
**AWARD:** $23,900

PI: Kevin Boswell  
**Biology**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** Ecology of Forage Fishes in the Arctic Nearshore  
**AWARD:** $52,669

PI: Eric Thomas Brewe  
**COE Teaching and Learning**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Graduate Research Fellowship Program: Students' use  
**AWARD:** $11,590

PI: Deron Burkepile  
**Biology**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Graduate Research Fellowship Program  
**AWARD:** $2,000

PI: Cathy Ann Byrd  
**The Wolfsonian**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** City of Miami Beach  
**TITLE:** Miami Beach Cultural Anchors Grant 2014-2015  
**AWARD:** $31,854

PI: Daniel Castellanos  
**Psychiatry and Behavior HLTH**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of South Florida  
**TITLE:** On-Line Training Program for Child Welfare Professionals-USF/FIU  
**AWARD:** $33,693

PI: Jason R Chandler  
**Architecture**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Villagers Incorporated  
**TITLE:** Villagers Inc. Scholarships  
**AWARD:** $3,000

PI: Demian Chapman  
**Biology**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Paul G. Allen Family Foundation  
**TITLE:** THE GLOBAL FIN-PRINT: a worldwide underwater video survey  
**AWARD:** $3,974,200

PI: Peter J Clarke  
**Computer Info Sciences**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Type 2 Collaborative Project: Integrating Testing into Advanced CS/IT  
**AWARD:** $435

For updates, corrections, suggestions, and/or general comments, please email **Mercedes.rodriguez@fiu.edu**
PI: Peter J Clarke  
**COMPUTER INFO SCIENCES**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
**TITLE:** Type 2 Collaborative Project: Integrating Testing into Advanced CS/IT  
AWARD: $15,230

PI: Erika K Coles  
**CENTER FOR CHILDREN AND FAM**  
Award Action Type: Initial  
AWARDING SPONSOR: Children's Trust  
**TITLE:** A Summer Program for Elementary Aged Children at Risk for Serious  
AWARD: $150,000

PI: Helen Z Cornely  
**NURSING AND HLTH SCI DEANS OFF**  
Award Action Type: Continuation  
AWARDING SPONSOR: Health Resources & Services Administrati  
**TITLE:** Scholarship for Disadvantaged Students  
AWARD: $600,000

PI: Elizabeth Cramer  
**COE TEACHING AND LEARNING**  
Award Action Type: Initial  
AWARDING SPONSOR: American Educational Research Assoc  
**TITLE:** Professional Development Needs of Special Educators to Fully  
AWARD: $5,000

PI: Stewart J D'alessio  
**CRIMINAL JUSTICE**  
Award Action Type: Initial  
AWARDING SPONSOR: Miami-Dade County  
**TITLE:** Project PEACE: People Engaged & Advocating Community Empowerment  
AWARD: $119,998

PI: Mario R De La Rosa  
**CRUSADA**  
Award Action Type: Increase  
AWARDING SPONSOR: National Institutes of Health  
**TITLE:** Center for Substance Use and AIDS Research on Latinos in the US  
AWARD: $1,145,090

PI: Jessy G Devieux  
**HEALTH PROMO AND DISEASE PREV**  
Award Action Type: Increase  
AWARDING SPONSOR: University of Florida  
**TITLE:** Southern HIV and Alcohol Research Consortium - SHARC  
AWARD: $58,000

PI: Valerie J Diaz  
**NURSING FEP BBC**  
Award Action Type: Continuation  
AWARDING SPONSOR: Health Resources & Services Administrati  
**TITLE:** VBSN Degree Program  
AWARD: $350,000

PI: Shannon Dick  
**CENTER FOR CHILDREN AND FAM**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
**TITLE:** Graduate Research Fellowship Program  
AWARD: $13,500
PI: Shannon Dick
CENTER FOR CHILDREN AND FAM
Award Action Type: Pre-Award
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program - Dr. Pruden
AWARD: $34,500

PI: Maureen Donnelly
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program
AWARD: $2,000

PI: Maureen Donnelly
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program
AWARD: $13,500

PI: Maureen Donnelly
COE TEACHING AND LEARNING
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program
AWARD: $23,000

PI: Maureen Donnelly
BIOLOGY
Award Action Type: Pre-Award
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program - Dr. Donnelly
AWARD: $34,500

PI: Kenneth J Feeley
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: CAREER: Measuring the thermal tolerances of individuals
AWARD: $234,652

PI: F Javier Francisco Ortega
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: Montgomery Botanical Center
TITLE: Phylogeography and Conservation Genetics of The Caribbean
AWARD: $27,807

PI: F Javier Francisco Ortega
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Fairchild Tropical Botanic Garden
TITLE: The Fairchild Challenge for Middle and High Schools at Fairchild
AWARD: $24,825

PI: Kenneth G Furton
INT FORENSIC RSCH INSTITUTE
Award Action Type: Initial
AWARDING SPONSOR: Colgate-Palmolive Company
TITLE: Analysis of sample for Colgate Palmolive
AWARD: $11,000
<table>
<thead>
<tr>
<th>PI</th>
<th>Action Type</th>
<th>Awarding Sponsor</th>
<th>Title</th>
<th>Award Amount</th>
</tr>
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<tbody>
<tr>
<td>Nazife E Ganapati</td>
<td>Increase</td>
<td>National Science Foundation</td>
<td>Graduate Research Fellowship Program</td>
<td>$13,500</td>
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<tr>
<td>Nazife E Ganapati</td>
<td>Pre-Award</td>
<td>National Science Foundation</td>
<td>Graduate Research Fellowship Program - Dr. Ganapati</td>
<td>$34,500</td>
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<tr>
<td>Daniel Gann</td>
<td>Continuation</td>
<td>U.S. Department of Agriculture</td>
<td>Acquisition, Curation, Mapping and Submission of Accession</td>
<td>$26,465</td>
</tr>
<tr>
<td>Delia C Garcia</td>
<td>Increase</td>
<td>South Florida After School All Stars Inc</td>
<td>South Florida After School All Stars Transfer Agreement</td>
<td>$189,552</td>
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<tr>
<td>Piero R Gardinali</td>
<td>Initial</td>
<td>BP Exploration &amp; Production Inc.</td>
<td>Deepwater biodegradation of crude oil under simulated laboratory</td>
<td>$31,600</td>
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<td>Stavros Georgakopoulos</td>
<td>Increase</td>
<td>National Science Foundation</td>
<td>Collaborative Research: Ultra-broadband Highly-Efficient Wireless</td>
<td>$16,000</td>
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<tr>
<td>Juan E Gonzalez</td>
<td>Initial</td>
<td>Health Resources &amp; Services Administrati</td>
<td>FIU Nurse anesthetist traineeship</td>
<td>$36,780</td>
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<tr>
<td>Sandra A Gracia Jones</td>
<td>Continuation</td>
<td>Substance Abuse &amp; Mental Health Services</td>
<td>FIU Nursing/South Beach AIDS Project HIV/Substance Abuse</td>
<td>$83,023</td>
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<tr>
<td>Paulo Graziano</td>
<td>Initial</td>
<td>Children's Trust</td>
<td>Promoting a Successful Transition to Kindergarten: A Summer Readiness Program for Preschoolers Identified as Being at High-Risk</td>
<td>$100,000</td>
</tr>
</tbody>
</table>
PI: Gail Gregg  
**COE Teaching and Learning**  
Award Action Type: Initial  
AWARDING SPONSOR: Early Learning Coalition of Dade/Monroe  
TITLE: Developmental Assessments Services 2015-2016  
AWARD: $135,000

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: $302,671

PI: Rob T Guerette  
**Criminal Justice**  
Award Action Type: Initial  
AWARDING SPONSOR: City of Miami  
TITLE: A Predictive Modeling Approach to Improve Problem-Solving and Crime  
AWARD: $120,789

PI: Mohammed A Hadi  
**Civil and Environ Engineering**  
Award Action Type: Increase  
AWARDING SPONSOR: University of Florida  
TITLE: STRIDE Internal Steering Committee  
AWARD: $7,000

PI: Mohammed A Hadi  
**Civil and Environ Engineering**  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: SW 8th Street Adaptive Signal Control Evaluation Plan - Phase 1  
AWARD: $64,431

PI: Mohammed A Hadi  
**Civil and Environ Engineering**  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: Selection of Signal Timing Plans based on System Performance  
AWARD: $60,582

PI: Daniel Halperin  
**CRUSA DA**  
Award Action Type: Initial  
AWARDING SPONSOR: U.S. Department of Agriculture  
TITLE: Pilot Study to Prevent Transition from Overweight to Obesity  
AWARD: $149,889

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: $56,592

PI: Katie Hart  
**Center for Children and Fam**  
Award Action Type: Pre-Award  
AWARDING SPONSOR: Children's Trust  
TITLE: Read to Learn Summer Reading Explorer's Program  
AWARD: $108,140
PI: Zahra Sana Hazari
COE TEACHING AND LEARNING
Award Action Type: Initial
AWARDING SPONSOR: Harvard University
TITLE: Factors Influencing College Success in Information Technology (FICSIT)  AWARD: $ 20,000

PI: Michael Heithaus
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program  AWARD: $ 2,000

PI: Hui Huang
SCHOOL OF SOCIAL WORK
Award Action Type: Initial
AWARDING SPONSOR: Florida State University
TITLE: The Effectiveness of Service Integration: Studying the Crossover  AWARD: $ 60,000

PI: Julio E Ibarra
CIARA
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: IRNC Backbone - AmLight Express and Protect (ExP)  AWARD: $ 12,000

PI: Julio E Ibarra
CIARA
Award Action Type: Increase
AWARDING SPONSOR: Assoc of Univs for Rsrch in Astronomy
TITLE: Large Synoptic Survey Telescope (LSST)  AWARD: $ 1,000,000

PI: Julio E Ibarra
CIARA
Award Action Type: Increase
AWARDING SPONSOR: Assoc of Univs for Rsrch in Astronomy
TITLE: Large Synoptic Survey Telescope (LSST)  AWARD: $ 25,000

PI: Boubakari Ibrahimou
BIOSTATISTICS
Award Action Type: Initial
AWARDING SPONSOR: Miami Children's Hospital
TITLE: Traumatic Brain Injury: Multimodal Biomarker Screening  AWARD: $ 2,084

PI: Boubakari Ibrahimou
BIOSTATISTICS
Award Action Type: Initial
AWARDING SPONSOR: Miami Children's Hospital
TITLE: Risk Factors for Longer Hospital Stay Following the Fontan  AWARD: $ 2,103

PI: Maria Ilcheva
METROPOLITAN CENTER
Award Action Type: Initial
AWARDING SPONSOR: Commercial Industrial Assoc of South FL
TITLE: The State of the Industrial/Logistics Market in Miami-Dade County  AWARD: $ 13,608

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
PI: Saif Y Ishoof  
**OFFICE OF COMMUNITY ENGAGEMENT**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Education Effect  
**AWARD:** $61,902

PI: Rudolf Jaffe  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Sheetflow Effects and Canal Backfilling on Sediment Source  
**AWARD:** $215,000

PI: Krishnaswamy Jayachandran  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Department of Agriculture  
**TITLE:** Doctoral Education in Interdisciplinary Agriculture and Natural  
**AWARD:** $238,500

PI: Kenneth Arthur Jessell  
**DIVISION OF FINANCE AND ADMIN**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** City of Sweetwater  
**TITLE:** TIGER City of Sweetwater Match funds  
**AWARD:** $85,725

PI: Haiyan Jiang  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** NASA Goddard Space Flight Center  
**TITLE:** Quantifying Asymmetries of Precipitation and Convection in  
**AWARD:** $30,000

PI: Shuliang Jiao  
**BIOMEDICAL ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Multimodal Retinal Functional Imaging for Diabetic Retinopathy  
**AWARD:** $542,822

PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Neural-Enabled Prosthese with Sensorimotor Integration  
**AWARD:** $138,802

PI: Laird H Kramer  
**STEM INSTITUTE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Howard Hughes Medical Institute  
**TITLE:** Community for Faculty Development  
**AWARD:** $50,000

PI: Leonel E Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** General Infomatics Inc.  
**TITLE:** Cyber Space Technology Research and STEM Development for  
**AWARD:** $48,000
PI: Angela Marie Richmond Laird
**PHYSICS**
**Award Action Type:** Initial
**AWARDING SPONSOR:** University of California San Diego  
**TITLE:** Operation, support and strategic enhancement of the neuroscience  
**AWARD:** $33,263

PI: Chenzhong Li
**BIOMEDICAL ENGINEERING**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Everglades Foundation  
**TITLE:** Paper based Disposable Biosensors for Trace Analysis of Organophosphate  
**AWARD:** $20,000

PI: Robert Lickliter
**PSYCHOLOGY**
**Award Action Type:** Initial
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Prenatal Maternal Determinants of Neonatal Social Development  
**AWARD:** $575,000

PI: Wei-Chiang Lin
**BIOMEDICAL ENGINEERING**
**Award Action Type:** Continuation
**AWARDING SPONSOR:** Miami Children's Hospital  
**TITLE:** Multimodal Neuromonitoring and Neuroprotection in Critically Ill Children  
**AWARD:** $25,393

PI: Christine Lisetti
**COMPUTER INFO SCIENCES**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Rutgers The State University  
**TITLE:** Interactive Virtual Training (IVT) for Early Career Teachers in High  
**AWARD:** $139,043

PI: Kinsuk Kumar Maitra
**OCCUPATIONAL THERAPY**
**Award Action Type:** Initial
**AWARDING SPONSOR:** National Parkinson Foundation  
**TITLE:** Cognitive Priming for movement imitation  
**AWARD:** $25,000

PI: Lindsay Malloy
**PSYCHOLOGY**
**Award Action Type:** Increase
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Graduate Research Fellowship Program  
**AWARD:** $2,000

PI: Alexander Mebel
**CHEMISTRY**
**Award Action Type:** Increase
**AWARDING SPONSOR:** University of Hawaii  
**TITLE:** A Combined Experimental and Theoretical Study on the Unimolecular  
**AWARD:** $22,705

PI: Osama A Mohammed
**ELEC AND COMPUTER ENG**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Office of Naval Research  
**TITLE:** Physics-Based Modeling of Power Electronics Converters Involving  
**AWARD:** $100,000
PI: Osama A Mohammed
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: EnerMaster LLC
TITLE: A Flexible Secure Energy Management System (FSEMS) AWARD: $ 135,681

PI: Juana Maria Montero Bernaldez
COM OB AND GYN
Award Action Type: Initial
AWARDING SPONSOR: March of Dimes
TITLE: Preconceptional education for professionals working at the Collaborative program AWARD: $ 1,585

PI: Norman D Munroe
OSAS ENGINEERING AND COMPUTING
Award Action Type: Supplemental
AWARDING SPONSOR: Florida Agricultural and Mechanical Univ
TITLE: Florida Georgia Louis Stokes for Minority Participation (FGLSAMP) AWARD: $ 1,500

PI: Norman D Munroe
OSAS ENGINEERING AND COMPUTING
Award Action Type: Supplemental
AWARDING SPONSOR: Florida Agricultural and Mechanical Univ
TITLE: FGLSAMP: Participant Support Costs AWARD: $ 13,500

PI: Norman D Munroe
OSAS ENGINEERING AND COMPUTING
Award Action Type: Initial
AWARDING SPONSOR: Staples Foundation for Learning Inc
TITLE: MiamiPrep STEM Summer Camp-2015 AWARD: $ 3,500

PI: Edward P Murray
METROPOLITAN CENTER
Award Action Type: Initial
AWARDING SPONSOR: City of Marathon
TITLE: City of Marathon Workforce/Affordable Housing Assessment AWARD: $ 44,500

PI: Edward P Murray
METROPOLITAN CENTER
Award Action Type: Initial
AWARDING SPONSOR: City of Deerfield Beach
TITLE: City of Deerfield Beach Citywide Economic Development Strategy AWARD: $ 54,915

PI: Fernando Noriega
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: National Institutes of Health
TITLE: Regulation of juvenile hormone titers in mosquitoes AWARD: $ 505,827

PI: Steven Oberbauer
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: Arctic Observing Networks: Collaborative Research: Sustaining AWARD: $ 2,930
PI: Steven Oberbauer

**BIOLOGY**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Arctic Observing Networks: Collaborative Research: Sustaining  
**AWARD:** $6,016

PI: Steven Oberbauer

**BIOLOGY**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Proposal: Quantifying the footprint of a dominant  
**AWARD:** $5,698

PI: Maria Olenick

**NURSING**

**FEP BBC**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** U.S. Department of Veterans Affairs  
**TITLE:** VA Nursing Academic Partnership Program (VANAP)  
**AWARD:** $362,172

PI: Mark Padilla

**LATIN AMERICAN AND CARIB Ctr**

**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institute on Drug Abuse  
**TITLE:** Migration, Tourism and the HIV-drug use Syndemic in the DR  
**AWARD:** $417,461

PI: Mark Padilla

**LATIN AMERICAN AND CARIB Ctr**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of Puerto Rico  
**TITLE:** Physicians and Health Related Services for Male-to-Female Transgender  
**AWARD:** $22,482

PI: Nezih Pala

**ELEC AND COMPUTER ENG**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of Utah  
**TITLE:** 3D Simulation of THz Plasmonic Structures  
**AWARD:** $49,580

PI: Nezih Pala

**ELEC AND COMPUTER ENG**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** NeTS:SMALL: Collaborative Research: Multi-Element Illuminication  
**AWARD:** $16,000

PI: William E Pelham Jr

**CENTER FOR CHILDREN AND FAM**

**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Improving Medication Adherence in ADHD Adolescents  
**AWARD:** $650,465

PI: Niki J Pissinou

**COMPUTER INFO SCIENCES**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** REU SITE: ASSET: Research Experiences for Undergraduates  
**AWARD:** $18,473
PI: Niki J Pissinou  
**Computer Info Sciences**  
**Award Action Type:** Increase  
**Awarding Sponsor:** National Science Foundation  
**Title:** REU Site: ASSET: Research Experiences for Undergraduates  
**Award:** $41,527

PI: Jordana Pomeroy  
**Frost Art Museum**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Miami-Dade County Cultural Affairs  
**Title:** Frost Art Museum Video Projector Re-fresh  
**Award:** $9,923

PI: Thomas Potts  
**Biology**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Naval Postgraduate School  
**Title:** Evaluating the Utility of Robotic Technologies for Joint Human-Robot  
**Award:** $20,000

PI: Rene Price  
**Southeast Env Research Ctr**  
**Award Action Type:** Increase  
**Awarding Sponsor:** National Park Service  
**Title:** Assessment of water and constituent transport in the L3IN  
**Award:** $50,000

PI: Eliane E Ramos  
**Comm Sciences and Disorders**  
**Award Action Type:** Continuation  
**Awarding Sponsor:** Health Resources & Services Administra-tion  
**Title:** Scholarship for Disadvantaged Students  
**Award:** $150,000

PI: Shaolei Ren  
**Computer Info Sciences**  
**Award Action Type:** Increase  
**Awarding Sponsor:** National Science Foundation  
**Title:** CSR: Small: Improving Data Center Water Efficiency via Online Resource Management"  
**Award:** $16,000

PI: Allan Rosenbaum  
**Inst Pub Mgmt & Comm Service**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Miami-Dade County Cultural Affairs  
**Title:** TDC 2015 Inter-American Conference of Mayors and Local Authorities  
**Award:** $14,400

PI: Jay Sah  
**Southeast Env Research Ctr**  
**Award Action Type:** Increase  
**Awarding Sponsor:** U.S. Army Corps of Engineers  
**Title:** Landscape pattern - Marl Prairie/Slough Gradients  
**Award:** $4,532

PI: Jay Sah  
**Southeast Env Research Ctr**  
**Award Action Type:** Increase  
**Awarding Sponsor:** U.S. Army Corps of Engineers  
**Title:** Monitoring of Tree Island Condition in the Southern Everglades  
**Award:** $4,638
PI: Gretchen H Scharnagl  
**ART AND ART HISTORY**  
Award Action Type: Initial  
AWARDING SPONSOR: Miami-Dade County Cultural Affairs  
TITLE: Community Comic Book  
AWARD: $ 2,131

PI: Shimelis Gebriye Setegn  
**ENVIR AND OCCUPATIONAL HEALTH**  
Award Action Type: Pre-Award  
AWARDING SPONSOR: University of Puerto Rico  
TITLE: Human Impacts to Coastal Ecosystems in Puerto Rico (HICE-PR):  
AWARD: $ 5,000

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

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

PI: Caroline Simpson  
**PHYSICS**  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Enhancing Undergraduate Success in Physics at FIU  
AWARD: $ 56,498

PI: Caroline Simpson  
**PHYSICS**  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Enhancing Undergraduate Success in Physics at FIU: Subproject  
AWARD: $ 552,560

PI: Casey Steadman  
**THE WOLFSONIAN**  
Award Action Type: Initial  
AWARDING SPONSOR: National Endowment for the Arts  
TITLE: Trade Winds: Modern Dutch Design  
AWARD: $ 30,000

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

PI: Philip Stoddard  
**BIOLOGY**  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Assessment of paradoxical signal reliability  
AWARD: $ 169,000
PI: Philip Stoddard  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Assessment of paradoxical signal reliability: Subproject  
**AWARD:** $6,000

PI: Ines R Triay Melendez  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Vector Resources Inc  
**TITLE:** Technical Support for VRI for NMED WIPP  
**AWARD:** $13,182

PI: Ines R Triay Melendez  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Vector Resources Inc  
**TITLE:** Technical Support for VRI for NMED WIPP: Sub-project for Travel  
**AWARD:** $4,257

PI: Tiffany Troxler  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Monitoring for Potential Water Quality Impacts along the Eastern  
**AWARD:** $130,000

PI: Racquel Vera  
**NURSING AND HLTH SCI DEANS OFF**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Health Resources & Services Administrati  
**TITLE:** A school Based Family Centered Nurse Managed IPCP Clinic (SBFC-IPCP)  
**AWARD:** $483,190

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:** $34,420

PI: Eric Wagner  
**SCHOOL OF SOCIAL WORK**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Substance Abuse & Mental Health Services  
**TITLE:** Miami-Dade Partnership for Preventing Health Risks among Young Adults  
**AWARD:** $299,999

PI: Eric Wagner  
**SCHOOL OF SOCIAL WORK**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** DISC Village Inc  
**TITLE:** Evaluation of DISC Village's Selected Family Interventions (SFI) Program  
**AWARD:** $57,200

PI: John Withey  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** The Fairchild Challenge for Middle and High Schools at Fairchild  
**AWARD:** $24,825
**PI:** Joanne M 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 Racials  
**AWARD:** $213,959

**PI:** Wei Zeng  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** EAGER: Computational Teichmuller Space Theory  
**AWARD:** $249,989

**PI:** Keqi Zhang  
**EXTREME EVENTS RESEARCH CENTER**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University Corporation Atmospheric Rsch  
**TITLE:** Philippines Workshop Storm Surge Forecasting and Evacuation  
**AWARD:** $152,728

**PI:** Ping Zhu  
**INTERNATIONAL HURRICANE CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** CARTHE II - Consortium for Advanced Research on Transport of Hydrocarbon in the Environment  
**AWARD:** $62,293

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**Limited Submission Funding Opportunities**

Below are limited submission opportunities with upcoming internal deadlines. Other limited submission funding opportunities are at [http://research.fiu.edu/funding/pages/limited-submissions.html](http://research.fiu.edu/funding/pages/limited-submissions.html).

<table>
<thead>
<tr>
<th>Agency</th>
<th>Program</th>
<th>Institutional Submission Limits</th>
<th>Internal Deadline</th>
<th>Agency Deadline</th>
</tr>
</thead>
</table>
| NIA        | Claude D. Pepper Older Americans Independence Centers (P30) (RFA-A-16-011) | Only one application per institution.                 | 8/21/2015         | Prelim deadline: 9/21/2015  
Agency Deadline: 10/21/201 |
| NSF        | Research Experiences for Teachers (RET) in Engineering and Computer Science (NSF 15-536) | 3 proposals per organization                          | 8/28/2015         | 11/02/2015                            |
Agency Deadline: IT Catalyst: 11/3/2015 |
Agency Deadline: 12/19/2015 |

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
<table>
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</thead>
<tbody>
<tr>
<td>NSF</td>
<td>National Science Foundation Research Traineeship (NRT) Program (NSF 15-542)</td>
<td>3 proposals per organization</td>
<td>10/26/2015</td>
<td>LOI due 12/22/2015; proposal due 2/22/2016</td>
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</tbody>
</table>

**Funding Opportunities**
The funding opportunities are in a separate excel file, which includes a filter for agency, date and opportunity number.

**Contact ORED Senior Leadership**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
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