9-2015

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:** $ 513,777

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
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
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

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
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 RSRCH INSTITUTE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Colgate-Palmolive Company  
**TITLE:** Analysis of sample for Colgate Palmolive  
**AWARD:** $11,000
PI: Nazife E Ganapati
PUBLIC ADMINISTRATION
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program AWARD: $ 13,500

PI: Nazife E Ganapati
PUBLIC ADMINISTRATION
Award Action Type: Pre-Award
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program - Dr. Ganapati AWARD: $ 34,500

PI: Daniel Gann
LIBRARY OPERATIONS
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Department of Agriculture
TITLE: Acquisition, Curation, Mapping and Submission of Accession AWARD: $ 26,465

PI: Delia C Garcia
COE DEANS OFFICE
Award Action Type: Increase
AWARDING SPONSOR: South Florida After School All Stars Inc
TITLE: South Florida After School All Stars Transfer Agreement AWARD: $ 189,552

PI: Piero R Gardinali
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: BP Exploration & Production Inc.
TITLE: Deepwater biodegradation of crude oil under simulated laboratory AWARD: $ 31,600

PI: Stavros Georgakopoulos
ELEC AND COMPUTER ENG
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: Collaborative Research: Ultra-broadband Highly-Efficient Wireless AWARD: $ 16,000

PI: Juan E Gonzalez
NURSING ANESTHESIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Health Resources & Services Administrati
TITLE: FIU Nurse anesthetist traineeship AWARD: $ 36,780

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 AWARD: $ 83,023

PI: Paulo Graziano
CENTER FOR CHILDREN AND FAM
Award Action Type: Initial
AWARDING SPONSOR: Children's Trust
TITLE: Promoting a Successful Transition to Kindergarten: A Summer Readiness Program for Preschoolers Identified as Being at High-Risk AWARD: $ 100,000
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 Environment Engineering**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** STRIDE Internal Steering Committee  
**AWARD:** $7,000

PI: Mohammed A Hadi  
**Civil and Environment 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 Environment 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  
**Crusada**  
**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
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 Resources  
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 Agriculture and Natural Resources  
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

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriguez@fiu.edu](mailto:Mercedes.rodriguez@fiu.edu)
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: 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 Illumination  
*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 L31N  
**AWARD:** $50,000

PI: Eliane E Ramos  
**COMM SCIENCES AND DISORDERS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Health Resources & Services Administration  
**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

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.

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

**OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT**
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Miami, FL 33199
http://research.fiu.edu

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