Florida International University researchers were awarded $19,701,312 in June 2015. Listed below is a summary of awards received for the month of June.

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 Intervention to Reduce Smoking among Pregnant Women in Indiana  
AWARD: $ 12,877
PI: Atorod Azizinamini  
**CIVIL AND ENVIRONMENTAL 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:** $923,700

PI: Lorraine Bahrick  
**CENTER FOR CHILDREN AND FAMILY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Intersensory Processing, Developmental Trajectories, and Longitudinal Outcomes  
**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 PROMOTION AND DISEASE PREVENTION**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Health Resources & Services Administration  
**TITLE:** Mother and Children FIRST! Fresh Ideas and Resources for Scholar Training  
**AWARD:** $70,000

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

PI: Shekhar Bhansali  
**ELECTRONICS AND COMPUTER ENGINEERING**  
**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
<table>
<thead>
<tr>
<th>PI: Kevin Boswell</th>
<th>BIOLOGY</th>
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<tbody>
<tr>
<td><strong>Award Action Type:</strong> Increase</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> Industrial Economics Inc</td>
<td></td>
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<tr>
<td><strong>TITLE:</strong> Analysis of acoustic data from Deep Water Horizon</td>
<td><strong>AWARD:</strong> $66,000</td>
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<tr>
<th>PI: Kevin Boswell</th>
<th>BIOLOGY</th>
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<tbody>
<tr>
<td><strong>Award Action Type:</strong> Increase</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> Nova Southeastern University</td>
<td></td>
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<tr>
<td><strong>TITLE:</strong> DEEPEND: Deep-Pelagic Nekton Dynamics of the Gulf of Mexico</td>
<td><strong>AWARD:</strong> $30,000</td>
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<tr>
<th>PI: Kevin Boswell</th>
<th>SOUTHEAST ENV RESEARCH CTR</th>
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<tr>
<td><strong>Award Action Type:</strong> Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> Alaska Pacific University</td>
<td></td>
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<tr>
<td><strong>TITLE:</strong> Examining the effects of offshore marine mining activities on Norton Sound red king crab habitat - Phase 2</td>
<td><strong>AWARD:</strong> $23,900</td>
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<tr>
<th>PI: Kevin Boswell</th>
<th>BIOLOGY</th>
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<td><strong>Award Action Type:</strong> Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> University of Miami</td>
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<tr>
<td><strong>TITLE:</strong> Ecology of Forage Fishes in the Arctic Nearshore</td>
<td><strong>AWARD:</strong> $52,669</td>
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<tr>
<th>PI: Eric Thomas Brewe</th>
<th>COE TEACHING AND LEARNING</th>
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<tbody>
<tr>
<td><strong>Award Action Type:</strong> Pre-Award</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Science Foundation</td>
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<tr>
<td><strong>TITLE:</strong> Graduate Research Fellowship Program: Students’ use of representations by context in Introductory Modeling Instruction Physics</td>
<td><strong>AWARD:</strong> $11,590</td>
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<tr>
<th>PI: Deron Burkepile</th>
<th>BIOLOGY</th>
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<tr>
<td><strong>Award Action Type:</strong> Increase</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Science Foundation</td>
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</tr>
<tr>
<td><strong>TITLE:</strong> Graduate Research Fellowship Program</td>
<td><strong>AWARD:</strong> $2,000</td>
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<tr>
<th>PI: Cathy Ann Byrd</th>
<th>THE WOLFSONIAN</th>
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<tr>
<td><strong>Award Action Type:</strong> Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> City of Miami Beach</td>
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<tr>
<td><strong>TITLE:</strong> Miami Beach Cultural Anchors Grant 2014-2015</td>
<td><strong>AWARD:</strong> $31,854</td>
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<tr>
<td>PI: Jason R Chandler</td>
<td>ARCHITECTURE</td>
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<tr>
<td>PI: Peter J Clarke</td>
<td>COMPUTER INFO SCIENCES</td>
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<tr>
<td>PI: Peter J Clarke</td>
<td>COMPUTER INFO SCIENCES</td>
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<tr>
<td>PI: Erika K Coles</td>
<td>CENTER FOR CHILDREN AND FAM</td>
</tr>
<tr>
<td>PI: Helen Z Cornely</td>
<td>NURSING AND HLTH SCI DEANS OFF</td>
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</tbody>
</table>
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 Implement the Mathematics and Language Arts Florida Standards for Students with Disabilities  
**AWARD:** $5,000

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

PI: Mario R De La Rosa  
**CRUSADE**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Center for Substance Use and AIDS Research on Latinos in the United States  
**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, populations, and species and predicting plant species responses to climate change in the tropical Andes  
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 Zamia Clade: An Integrated Systematic Approach with SSRs and Single Copy Nuclear Genes  
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 Tropical Botanic Garden  
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

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 Information to U.S Department of Agriculture Agriculture Research Service (USDA-ARS) Germplasm Resources Information Network (GRIN)  
**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 conditions in support of the BP-Brasil Offshore Exploration: Logistical support and experimental design scope of work.  
**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 Charging of “Zero-Power” Implantable and Wearable Wireless Sensors  
**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 Prevention Partnership  
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 for Behavioral Disorders  
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 Incident Case Clearance  
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 Measurement  
**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 among Young Overweight College Students in Ponce, Puerto Rico  
**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 Youth Practice Model
**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 Operation in Current Era
**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 and Transport in the DECOMP Physical Model: Analysis of Molecular Organic Biomarkers
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 Sciences
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 Tropical Cyclones and Their Relationship to Storm Intensity Changes Based on 14 Years of TRMM Data
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 Prosthesis 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 Department of Defense - Test Resource Management Center (TRMC) Phase III
**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 INFORMATION FRAMEWORK
**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 Poverty Schools
**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 Decomposition of Hydrocarbon Surrogates Relevant to JP-8 Jet Fuel  
**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 GaN Switching Device for Fault Tolerant Operation  
**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:** Florida Georgia Louis Stokes for Minority Participation (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 and Action Study  
**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 and amplifying the ITEX AON through automation and increased interdisciplinarity of observations  
**AWARD:** $2,930

PI: Steven Oberbauer  
**BIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Arctic Observing Networks: Collaborative Research: Sustaining and amplifying the ITEX AON through automation and increased interdisciplinarity of observations.: Participant Support  
**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 organism: Biogeochemical impacts of leaf cutter ants in a lowland tropical forest ecosystem  
**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 Dominican Republic  
**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 Persons  
**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 for Mobile Free-Space-Optical Networks  
**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
<table>
<thead>
<tr>
<th>PI:</th>
<th>Award Action Type</th>
<th>Awarding Sponsor</th>
<th>Title</th>
<th>Award</th>
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<tbody>
<tr>
<td>Niki J Pissinou</td>
<td>Increase</td>
<td>National Science Foundation</td>
<td>REU Site: ASSET: Research Experiences for Undergraduates in Advanced Secured Sensor Enabling Technologies</td>
<td>$18,473</td>
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<tr>
<td>Niki J Pissinou</td>
<td>Increase</td>
<td>National Science Foundation</td>
<td>REU Site: ASSET: Research Experiences for Undergraduates in Advanced Secured Sensor Enabling Technologies: Participant support</td>
<td>$41,527</td>
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<td>Jordana Pomeroy</td>
<td>Initial</td>
<td>Miami-Dade County Cultural Affairs</td>
<td>Frost Art Museum Video Projector Re-fresh</td>
<td>$9,923</td>
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<td>Thomas Potts</td>
<td>Initial</td>
<td>Naval Postgraduate School</td>
<td>Evaluating the Utility of Robotic Technologies for Joint Human-Robot Missions</td>
<td>$20,000</td>
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<td>Rene Price</td>
<td>Increase</td>
<td>National Park Service</td>
<td>Assessment of water and constituent transport in the L31N canal following two hydraulic alterations to flow within and to the Everglades National Park</td>
<td>$50,000</td>
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<td>Eliane E Ramos</td>
<td>Continuation</td>
<td>Health Resources &amp; Services Administrati</td>
<td>Scholarship for Disadvantaged Students</td>
<td>$150,000</td>
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<tr>
<td>Shaolei Ren</td>
<td>Increase</td>
<td>National Science Foundation</td>
<td>CSR: Small: Improving Data Center Water Efficiency via Online Resource Management</td>
<td>$16,000</td>
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</table>
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): A remote sensing, hydrologic, ecologic and socio-economic assessment with management implications  
**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

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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

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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

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

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

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

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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

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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 & ODC/N  
**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 Boundary of Everglades National Park, Including Taylor Slough
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 Tropical Botanic Garden
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 Racial/Ethnic Groups
AWARD: $213,959
PI: Wei Zeng  
**Computer Info Sciences**  
**Award Action Type:** Initial  
**Awarding Sponsor:** National Science Foundation  
**Title:** EAGER: Computational Teichmüller 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 Zone Delineation Using SLOSH and other Advanced Storm Surge Inundation ModelsProject  
**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