Florida International University researchers were awarded $7,751,543 in JANUARY 2016. Listed below is a summary of awards received for the month of JANUARY.

PI: Malek Adjouadi
ELEC AND COMPUTER ENG
**Award Action Type:** Initial
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Subproject MC: MRI: Development of an Integrated Neuroimaging Instrument with Temporal and Spatial Alignments for Brain Research
**AWARD:** $1,159,308

PI: Malek Adjouadi
ELEC AND COMPUTER ENG
**Award Action Type:** Initial
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Subproject SGA: MRI: Development of an Integrated Neuroimaging Instrument with Temporal and Spatial Alignments for Brain Research
**AWARD:** $303,374

PI: Benjamin C Amick Iii
HEALTH POLICY AND MGMT
**Award Action Type:** Initial
**AWARDING SPONSOR:** Pan American Health Organization
**TITLE:** Cost-Benefit Analysis of SMART Hospitals in Four Caribbean Countries
**AWARD:** $209,570

PI: Benjamin C Amick Iii
HEALTH POLICY AND MGMT
**Award Action Type:** Initial
**AWARDING SPONSOR:** Institute for Work & Health
**TITLE:** IWH Professional Services Contract
**AWARD:** $124,000

PI: Joann Arnowitz
JEWISH MUSEUM OF FLORIDA-FIU
**Award Action Type:** Initial
**AWARDING SPONSOR:** City of Miami Beach
**TITLE:** JMOF General Support Grant FY15-16
**AWARD:** $49,500

PI: Shekhar Bhansali
ELEC AND COMPUTER ENG
**Award Action Type:** Initial
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** I-Corps Team: Transdermal alcohol sensor system for monitoring blood alcohol content
**AWARD:** $50,000
PI: Benjamin Boesl  
**MECHANICAL AND MAT ENGINEERING**
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Central Florida  
**TITLE:** 2015-16 Hybrid Rocket Competition-ASME Student Team for Maximum Altitude Competition  
**AWARD:** $750

PI: Jeffrey Allen Boyd  
**COM HUMAN AND MOL GENETICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Baptist Cancer Research Lab  
**AWARD:** $1,219,709

PI: Brian Fonseca  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** CACI International Inc  
**TITLE:** CERDEC Flight Activity (CFA) System Engineering Support  
**AWARD:** $188,000

PI: F Javier Francisco Ortega  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Mohammed bin Zayed Species Conservation  
**TITLE:** Conservation Action Plan for Haiti  
**AWARD:** $10,000

PI: Stavros Georgakopoulos  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Support for 2016 Workshop on EFRI-ODISSEI Research  
**AWARD:** $2,408

PI: Stavros Georgakopoulos  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Participant Costs: Support for 2016 Workshop on EFRI-ODISSEI Research  
**AWARD:** $14,400

PI: Pedro Jose Greer  
**COM HUMANITIES HLTH AND SOC**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Academy  
**AWARD:** $194,098
PI: Mohammed A Hadi  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Guidelines for the Evaluation of Ramp Signaling Deployments in a Real-Time Operations Environment  
**AWARD:** $200,000

PI: Cheryl L Holder  
**COM HUMANITIES HLTH AND SOC**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** South Florida Transgender Women HIV Knowledge and Risk Assessment Study  
**AWARD:** $3,023

PI: Konstantinos Kavallieratos  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** REU Site: Sensing, Monitoring, and Detection: From Molecules to Applications  
**AWARD:** $80,630

PI: Konstantinos Kavallieratos  
**CHEMISTRY**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** REU Site: Sensing, Monitoring, and Detection: From Molecules to Applications  
**AWARD:** $80,630

PI: Konstantinos Kavallieratos  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Participants: REU Site: Sensing, Monitoring, and Detection: From Molecules to Applications  
**AWARD:** $219,636

PI: Konstantinos Kavallieratos  
**CHEMISTRY**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Participants: REU Site: Sensing, Monitoring, and Detection: From Molecules to Applications  
**AWARD:** $219,636

PI: Jeremy Kiszka  
**INST OF WATER AND ENVIRONMENT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Wildlife Conservation Society  
**TITLE:** Conserving Sharks and Rays in the Southwest Indian Ocean  
**AWARD:** $5,000
PI: Leonel E Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type**: Increase  
**AWARDING SPONSOR**: Office of Environmental Management  
**TITLE**: Subproject: Florida International University's Research Support to the Department of Energy's Office of Environmental Management  
**AWARD**: $253,312

PI: Leonel E Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type**: Increase  
**AWARDING SPONSOR**: Office of Environmental Management  
**TITLE**: Subproject: Florida International University's Research Support to the Department of Energy's Office of Environmental Management  
**AWARD**: $253,312

PI: Leonel E Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type**: Increase  
**AWARDING SPONSOR**: Office of Environmental Management  
**TITLE**: Subproject: Florida International University's Research Support to the Department of Energy's Office of Environmental Management  
**AWARD**: $253,312

PI: Angelique R Lawrence  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type**: Initial  
**AWARDING SPONSOR**: Cabrera Services Inc  
**TITLE**: GIS Mapping Support  
**AWARD**: $35,012

PI: Christine Lisetti  
**COMPUTER INFO SCIENCES**  
**Award Action Type**: Increase  
**AWARDING SPONSOR**: Rutgers The State University  
**TITLE**: Interactive Virtual Training (IVT) for Early Career Teachers in High Poverty Schools  
**AWARD**: $10,000

PI: Debra Lundy  
**SCH OF HOSP AND TOURISM MGMT**  
**Award Action Type**: Initial  
**AWARDING SPONSOR**: Miami-Dade County Cultural Affairs  
**TITLE**: 2016 Annual Fun & Fit as a Family  
**AWARD**: $14,000
PI: Purnima Madhivanan  
**EPIDEMIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of California Berkeley  
**TITLE:** Global Health Fellows and Scholars Program  
**AWARD:** $1,138

PI: Mark A Marine  
**ARCHITECT AND THE ARTS DEANS OFF**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** FDOT District VI Building envelope project  
**AWARD:** $10,436

PI: Kalai Mathee-Narasimhan  
**COM HUMAN AND MOL GENETICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Sanofi Pasteur SA  
**TITLE:** Geospatial Data and Outreach Facilitation Systems for Vaccination Analysis and Management  
**AWARD:** $150,000

PI: Bruce Mc Cord  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institute of Justice  
**TITLE:** DNA methylation analysis using High Resolution Melt for body fluid identification in forensic sciences  
**AWARD:** $49,994

PI: Joongho Moon  
**CHEMISTRY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Korea Evaluation Inst of Industrial Tech  
**TITLE:** Development of 35% lightweight CCB module for automotives using highly impregnated nylon based LFT composites  
**AWARD:** $41,067

PI: Madhavan P Nair  
**INSTITUTE OF NEUROIMMUNE PHARM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Nano-delivery of methanandamide across BBB to block cannabinoid induced effects in HIV-1 infection  
**AWARD:** $520,084

PI: Richard Olson  
**EXTREME EVENTS RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** AECOM  
**TITLE:** The New Orleans Small and Medium Enterprise (SME) Resilience Assessment Project  
**AWARD:** $26,392
PI: Richard Olson
**EXTREME EVENTS RESEARCH CENTER**
**Award Action Type:** Supplemental
**AWARDING SPONSOR:** AECOM
**TITLE:** The New Orleans Small and Medium Enterprise (SME) Resilience Assessment Project  
**AWARD:** $26,392

PI: Amy R Paul Ward
**OCCUPATIONAL THERAPY**
**Award Action Type:** Continuation
**AWARDING SPONSOR:** U.S. Department of Education
**TITLE:** Preparing Occupational Therapists to Practice in Schools (POPS)  
**AWARD:** $249,927

PI: William E Pelham Jr
**CENTER FOR CHILDREN AND FAM**
**Award Action Type:** Continuation
**AWARDING SPONSOR:** University of Pittsburgh
**TITLE:** The Development of Alcohol Use and Abuse in ADHD Adolescents  
**AWARD:** $168,747

PI: Naphtali Rishe
**COMPUTER INFO SCIENCES**
**Award Action Type:** Increase
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** III. Large: Collaborative Research: Moving Objects Databases for Exploration  
**AWARD:** $16,000

PI: Jacqueline Bueno Sousa
**COB DEANS OFFICE**
**Award Action Type:** Initial
**AWARDING SPONSOR:** University of West Florida
**TITLE:** FSBDC 2016 - YR 3  
**AWARD:** $449,335

PI: Jacqueline Bueno Sousa
**COB DEANS OFFICE**
**Award Action Type:** Initial
**AWARDING SPONSOR:** University of West Florida
**TITLE:** PTAC: FSBDC 2016 - YR 3  
**AWARD:** $35,225

PI: Jacqueline Bueno Sousa
**COB DEANS OFFICE**
**Award Action Type:** Initial
**AWARDING SPONSOR:** University of West Florida
**TITLE:** STATE: FSBDC 2016 - YR 3  
**AWARD:** $135,374
PI: Brian R Van Hook
**EXTREME EVENTS RESEARCH CENTER**
**Award Action Type:** Initial
**AWARDING SPONSOR:** AECOM
**TITLE:** The New Orleans Small and Medium Enterprise (SME) Resilience Assessment Project
**AWARD:** $ 26,352

PI: Brian R Van Hook
**EXTREME EVENTS RESEARCH CENTER**
**Award Action Type:** Supplemental
**AWARDING SPONSOR:** AECOM
**TITLE:** The New Orleans Small and Medium Enterprise (SME) Resilience Assessment Project
**AWARD:** $ 26,352

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:** $ 220,139

PI: Ioannis Zisis
**CIVIL AND ENVIRON ENGINEERING**
**Award Action Type:** Supplemental
**AWARDING SPONSOR:** Florida Department of Transportation
**TITLE:** Development of a Test Method for Assessing the Performance of Vehicular Traffic Signal Assemblies During Hurricane Force Winds
**AWARD:** $ 192,656