Florida International University researchers were awarded $10,413,487 in December 2015. Listed below is a summary of awards received for the month of December.

PI: Malek Adjouadi  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** MRI: Development of an Integrated Neuroimaging Instrument with Temporal and Spatial Alignments for Brain Research  
**AWARD:** $3,755,112

PI: Marisela Agudelo  
**COM IMMUNOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** EtOH-induced Immunomodulation: Role of Histone Deacetylases and Cannabinoid Genes  
**AWARD:** $25,257

PI: Benjamin C Amick Iii  
**HEALTH POLICY AND MGMT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Univ of Texas Health Science Ctr Houston  
**TITLE:** Service Agreement - New Year New You  
**AWARD:** $22,669

PI: Joann Arnowitz  
**JEWISH MUSEUM OF FLORIDA-FIU**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** FY 2015-2016 (MCI) Grants Program  
**AWARD:** $161,386

PI: Shekhar Bhansali  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** North Carolina State University  
**TITLE:** Advanced Self-Powered Systems of Integrated Sensor Technologies (ASSIST)  
**AWARD:** $145,817

PI: Shekhar Bhansali  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** North Carolina State University  
**TITLE:** Advanced Self-Powered Systems of Integrated Sensor Technologies (ASSIST)  
**AWARD:** $34,108
PI: Eric Bishop-Von Wettberg  
**BIOLOGY**  
*Award Action Type:* Increase  
*AWARDING SPONSOR:* University of California Davis  
*TITLE:* Deducing the genomic footprint and functional impact of chickpea domestication on nitrogen fixation  
*AWARD:* $214,548

PI: Kevin Mershon Boswell  
**INST OF WATER AND ENVIRONMENT**  
*Award Action Type:* Increase  
*AWARDING SPONSOR:* Industrial Economics Inc  
*TITLE:* Analysis of acoustic data from Deep Water Horizon  
*AWARD:* $11,878

PI: Lakhdar Boukerrou  
**INST OF WATER AND ENVIRONMENT**  
*Award Action Type:* Supplemental  
*AWARDING SPONSOR:* US Agency for International Development  
*TITLE:* West Africa Water Supply  
*AWARD:* $513,775

PI: Henry Briceno  
**SOUTHEAST ENV RESEARCH CTR**  
*Award Action Type:* Initial  
*AWARDING SPONSOR:* Islamorada, Village of Islands  
*TITLE:* Water Quality Monitoring Program for the Village of Islamorada, Florida Keys  
*AWARD:* $72,443

PI: Shu-Ching Chen  
**INTERNATIONAL HURRICANE CENTER**  
*Award Action Type:* Supplemental  
*AWARDING SPONSOR:* Florida Office of Insurance Regulation  
*TITLE:* FPHL Model Operation and Maintenance, and Model Upgrades  
*AWARD:* $3,811

PI: Erika K Coles  
**CENTER FOR CHILDREN AND FAM**  
*Award Action Type:* Initial  
*AWARDING SPONSOR:* Nova Southeastern University  
*TITLE:* Behavior Assessment Team  
*AWARD:* $6,600

PI: Jose Miguel Cruz  
**LATIN AMERICAN AND CARIB CTR**  
*Award Action Type:* Initial  
*AWARDING SPONSOR:* Open Society Foundations  
*TITLE:* Systematization of the Community-Based Police in El Salvador  
*AWARD:* $67,329
PI: Ronald Philip Fisher
PSYCHOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Federal Bureau of Investigation
TITLE: Interviewing information sources twice with the Cognitive Interview: Novel measures to assess the accuracy and veracity of witness recollection. AWARD: $ 187,883

PI: James Fourqurean
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: Islamorada, Village of Islands
TITLE: Baseline Monitoring of Canals in the Village of Islamorada AWARD: $ 17,454

PI: Arindam Gan Chowdhury
INTERNATIONAL HURRICANE CENTER
Award Action Type: Initial
AWARDING SPONSOR: Florida Division of Emergency Management
TITLE: FIU’s Hurricane Loss Reduction for Housing in Florida AWARD: $ 282,389

PI: Orlando J Garcia
MUSIC
Award Action Type: Initial
AWARDING SPONSOR: Earle Brown Music Foundation
TITLE: New Music Miami Brown Feldman Concert AWARD: $ 3,000

PI: Ismail Guvenc
ELEC AND COMPUTER ENG
Award Action Type: Increase
AWARDING SPONSOR: DOCOMO Innovations Inc
TITLE: Compressive Sensing for Improving Accuracy of Fingerprint based Indoor Localization AWARD: $ 25,000

PI: Mohammed A Hadi
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Supplemental
AWARDING SPONSOR: University of Florida
TITLE: STRIDE Internal Steering Committee AWARD: $ 997

PI: Mohammed A Hadi
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Supplemental
AWARDING SPONSOR: University of Florida
TITLE: STRIDE Internal Steering Committee AWARD: $ 6,999
PI: Julio E Ibarra  
**CIARA**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Assoc of Univs for Rsrch in Astronomy  
**TITLE:** Large Synoptic Survey Telescope (LSST)  
**AWARD:** $1,525,001

PI: Julio E Ibarra  
**CIARA**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Campus Cyber Infrastructure- CC*DNI  
**AWARD:** $200,787

PI: Maria Ilcheva  
**METROPOLITAN CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Transit  
**TITLE:** Miami-Dade Transit Department: 2015 Employee Satisfaction Survey  
**AWARD:** $24,500

PI: Xia Jin  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Incorporating Transit Service Decisions into Express Lane Programs  
**AWARD:** $159,720

PI: Jeremy Kiszka  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Fondation D'Entreprise Total  
**TITLE:** The behavioral ecology of green sea turtles in the French Antilles: implications for ecosystem dynamics and the invasion of Halophila stipulacea  
**AWARD:** $138,660

PI: Chenzhong Li  
**BIOMEDICAL ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Northeastern University  
**TITLE:** NRT-IGE: Nanomedicine Academy  
**AWARD:** $15,000

PI: Debra Lundy  
**SCH OF HOSP AND TOURISM MGMT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** 2015-16 FEST South Beach Wine & Food Festival  
**AWARD:** $78,041
PI: Bruce Mc Cord

**CHEMISTRY**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** QIAGEN  
**TITLE:** Internal Validation of QIAGEN's Investigator 24plex (6 dye) STR kit ("Kit") on a 3130 XL  
**AWARD:** $ 27,340

PI: April Ruth Merleaux

**HISTORY**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Endowment for the Humanities  
**TITLE:** Ecohumanities for Cities in Crisis  
**AWARD:** $ 162,242

PI: Osama A Mohammed

**ELEC AND COMPUTER ENG**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of Arkansas  
**TITLE:** An Interdisciplinary Approach to Integratable, Composable and Evolvable Cybersecurity in Energy Delivery Systems  
**AWARD:** $ 289,970

PI: Francisco Mora

**LATIN AMERICAN AND CARIB CTR**

**Award Action Type:** Increase  
**AWARDING SPONSOR:** Tinker Foundation Inc.  
**TITLE:** Tinker Field Research Grant  
**AWARD:** $ 15,000

PI: Norman D Munroe

**OSAS ENGINEERING AND COMPUTING**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** Children's Trust  
**TITLE:** FIU -ENLACE 15-16  
**AWARD:** $ 412,903

PI: Richard Olson

**INTERNATIONAL HURRICANE CENTER**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Division of Emergency Management  
**TITLE:** FIU's Hurricane Loss Reduction for Housing in Florida  
**AWARD:** $ 284,671

PI: Timothy F Page

**HEALTH POLICY AND MGMT**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** Meharry Medical College  
**TITLE:** Development of an Online Certificate in Health Economics  
**AWARD:** $ 16,536

PI: Jordana Pomeroy

**FROST ART MUSEUM**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Division of Cultural Affairs  
**TITLE:** General Support Program 2015-2016  
**AWARD:** $ 67,258
PI: Allan Rosenbaum  
**INSTITUTE OF PUBLIC MANAGEMENT & COMMUNICATIONS SERVICE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** TDC XXII Inter-American Conference of Mayors and Local Authorities  
**AWARD:** $14,400

PI: Nicole Ruggiano  
**SCHOOL OF SOCIAL WORK**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Gerontological Society of America  
**TITLE:** Expansion of Health Information Technology for Hispanic Dementia Caregivers  
**AWARD:** $9,966

PI: Jay Sah  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Status of Vegetation Structure and Composition within the Habitat of Cape Sable seaside sparrow Sub-population D  
**AWARD:** $38,000

PI: Arif Islam Sarwat  
**ELECTRICAL AND COMPUTER ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: Cyber Physical Solution for High Penetration Renewables in Smart Grid  
**AWARD:** $82,837

PI: Althea M Silvera  
**LIBRARY OPERATIONS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Center for Research Libraries  
**TITLE:** Guantanamo Naval Base Newspapers Digitization Project (1948-2005)  
**AWARD:** $5,000

PI: Jacqueline Bueno Sousa  
**COOPERATIVE EXTENSION DEANS OFFICE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of West Florida  
**TITLE:** FSBDC 2016 - YR 3  
**AWARD:** $128,440

PI: Jacqueline Bueno Sousa  
**COOPERATIVE EXTENSION DEANS OFFICE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of West Florida  
**TITLE:** FSBDC 2016 - YR 3  
**AWARD:** $9,329
PI: Jacqueline Bueno Sousa
**COB DEANS OFFICE**
**Award Action Type:** Initial
**AWARDING SPONSOR:** University of West Florida
**TITLE:** FSBDC 2016 - YR 3  
**AWARD:** $58,321

PI: Casey Steadman
**THE WOLFSIONIAN**
**Award Action Type:** Supplemental
**AWARDING SPONSOR:** Emily Hall Tremaine Foundation
**TITLE:** Philodendron: From Pan-Latin Exotic to American Modern  
**AWARD:** $25,000

PI: John Stuart
**ARCHICT AND THE ARTS DEANS OFF**
**Award Action Type:** Initial
**AWARDING SPONSOR:** City of Miami Beach
**TITLE:** City of Miami Beach Junior Cultural Anchor Grant 2015-2016  
**AWARD:** $24,364

PI: Michael C Sukop
**SOUTHEAST ENV RESEARCH CTR**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Colorado State University
**TITLE:** Urban Water Innovation Network (U-WIN): Transitioning Toward Sustainable Water Systems  
**AWARD:** $71,181

PI: Berrin Tansel
**CIVIL AND ENVIRON ENGINEERING**
**Award Action Type:** Initial
**AWARDING SPONSOR:** U.S. Department of Transportation
**TITLE:** Dwight David Eisenhower Transportation Fellowship Program-Andres McEwen  
**AWARD:** $2,000

PI: Berrin Tansel
**CIVIL AND ENVIRON ENGINEERING**
**Award Action Type:** Initial
**AWARDING SPONSOR:** U.S. Department of Transportation
**TITLE:** Dwight David Eisenhower Transportation Fellowship Program – Mario Rojas  
**AWARD:** $2,000

PI: Joel Trexler
**SOUTHEAST ENV RESEARCH CTR**
**Award Action Type:** Supplemental
**AWARDING SPONSOR:** Springer
**TITLE:** Oecologia Editor-in-Chief  
**AWARD:** $100,836
PI: Diana Valle-Riestra

COE COMMUNITY ENGAGEMENT
Award Action Type: Initial
AWARDING SPONSOR: University of Central Florida
TITLE: Project Panther LIFE 2015-2020 Florida Consortium on Inclusive Higher Education
AWARD: $ 96,078

PI: Feion Villodas

CENTER FOR CHILDREN AND FAM
Award Action Type: Initial
AWARDING SPONSOR: Children’s Trust
TITLE: After-school support program for youth at-risk for behavior problems
AWARD: $ 158,133

PI: Chunlei Wang

ELEC AND COMPUTER ENG
Award Action Type: Supplemental
AWARDING SPONSOR: North Carolina State University
TITLE: Advanced Self-Powered Systems of Integrated Sensor Technologies (ASSIST)
AWARD: $ 72,000

PI: Yi Xiao

BIOMOLECULAR SCIENCE INSTITUTE
Award Action Type: Increase
AWARDING SPONSOR: National Institutes of Health
TITLE: Aptamer-Based, Exonuclease-Amplified, Colorimetric, Onsite Screening of Methyleneoxyprovalerone (MDPV) and Mephedrone in Oral Fluid
AWARD: $ 295,546

PI: Yi Xiao

BIOMOLECULAR SCIENCE INSTITUTE
Award Action Type: Increase
AWARDING SPONSOR: National Institutes of Health
TITLE: Aptamer-Based, Exonuclease-Amplified, Colorimetric, Onsite Screening of Methyleneoxyprovalerone (MDPV) and Mephedrone in Oral Fluid
AWARD: $ 41,694

PI: Ping Zhu

INTERNATIONAL HURRICANE CENTER
Award Action Type: Increase
AWARDING SPONSOR: University of Miami
TITLE: CARTHE II - Consortium for Advanced Research on Transport of Hydrocarbon in the Environment
AWARD: $ 69,338

PI: Ioannis Zisis

INTERNATIONAL HURRICANE CENTER
Award Action Type: Initial
AWARDING SPONSOR: Florida Division of Emergency Management
TITLE: FIU's Hurricane Loss Reduction for Housing in Florida
AWARD: $ 132,941