Florida International University researchers were awarded $4,636,030 in MAY 2015. Listed below is a summary of awards received for the month of MAY.

PI: Joann Arnowitz
JEWISH MUSEUM OF FLORIDA-FIU
Award Action Type: Initial
AWARDING SPONSOR: City of Miami Beach
TITLE: JMOF General Support Grant FY14-15
AWARD: $ 49,500

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: Pre-Award
AWARDING SPONSOR: University of Miami
TITLE: Examining the status and distribution of reef fish spawning aggregations in the Southeast Florida Coral Reef Initiative (SEFCRI) Region
AWARD: $ 20,000

PI: Kevin Boswell
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Prince William Sound Science Center
TITLE: HRM - Non lethal sampling: In situ estimation of juvenile herring sizes
AWARD: $ 54,928

PI: Eric Thomas Brewe
COE TEACHING AND LEARNING
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: Graduate Research Fellowship Program
AWARD: $ 11,410

PI: Kathryn Elizabeth Brogan
DIETETICS AND NUTRITION
Award Action Type: Initial
AWARDING SPONSOR: Wayne State University
TITLE: Project for Enhancement and Alignment of the Continuum of Care for HIV-Infected Youth: A multiagency (HRSA-NIH-CDC-ATN) Collaboration [PEACOC]
AWARD: $ 13,357
PI: Maria C Donoso  
**EARTH AND ENVIRONMENT**  
*Award Action Type:* Increase  
*AWARDING SPONSOR:* US Agency for International Development  
*TITLE:* Tanzania Integrated Water, Sanitation and Hygiene (iWASH)  
*AWARD:* $299,960

PI: Nazira El-hage  
**COM IMMUNOLOGY**  
*Award Action Type:* Continuation  
*AWARDING SPONSOR:* National Institutes of Health  
*TITLE:* Role of Autophagy in Microglia-induced NeuroAIDS in Substance Abuse  
*AWARD:* $312,916

PI: James Fourqurean  
**BIOLOGY**  
*Award Action Type:* Increase  
*AWARDING SPONSOR:* Office of Naval Research  
*TITLE:* Deep Saturation Dive Training  
*AWARD:* $153,873

PI: James Fourqurean  
**BIOLOGY**  
*Award Action Type:* Initial  
*AWARDING SPONSOR:* National Park Service  
*TITLE:* Dry Tortugas National Park Seagrass Communities Assessment Project: Long-term seagrass monitoring  
*AWARD:* $30,000

PI: James Fourqurean  
**BIOLOGY**  
*Award Action Type:* Initial  
*AWARDING SPONSOR:* Ocean Reef Community Foundation  
*TITLE:* Family Science Nights  
*AWARD:* $2,000

PI: Arindam Gan Chowdhury  
**CIVIL AND ENVIRON ENGINEERING**  
*Award Action Type:* Initial  
*AWARDING SPONSOR:* National Science Foundation  
*TITLE:* NSF I-Corps: "Innovative Hurricane Damage Mitigation Systems"  
*AWARD:* $40,000

PI: Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
*Award Action Type:* Initial  
*AWARDING SPONSOR:* Florida Department of Transportation  
*TITLE:* Development of 2016 Florida Transit Information System (FTIS)  
*AWARD:* $114,507
PI: Nicholas R Gelpi
ARCHITECTURE
Award Action Type: Initial
AWARDING SPONSOR: FIU Foundation
TITLE: Woodcrete: The Concrete for a Sustainable Future
AWARD: $ 72,750

PI: Jeffrey A Groom
NURSING UNDERGRADUATE
Award Action Type: Increase
AWARDING SPONSOR: Sheridan HealthCorp Inc.
TITLE: Sheridan HealthCorp Faculty Support Agreement
AWARD: $ 127,548

PI: Mohammed A Hadi
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: URS Corporation
TITLE: FITSEVAL Testing and Utilization Support
AWARD: $ 3,539

PI: Katie Hart
CENTER FOR CHILDREN AND FAM
Award Action Type: Initial
AWARDING SPONSOR: Children's Trust
TITLE: Read to Learn Summer Reading Explorer's Program
AWARD: $ 135,526

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: Office of Environmental Management
TITLE: Florida International University's Research Support to the Department of Energy's Office of Environmental Management
AWARD: $ 121,862

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: $ 30,000

PI: Angela Marie Richmond Laird
PHYSICS
Award Action Type: Initial
AWARDING SPONSOR: UT Health Science Center San Antonio
TITLE: Meta-Analysis in Human Brain Mapping
AWARD: $ 110,762
PI: Tao Li  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** BDD: Data-Driven Techniques to Address Critical Information Exchange Needs in Disaster  
**AWARD:** $299,998

PI: Tao Li  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** BDD: Data-Driven Techniques to Address Critical Information Exchange Needs in Disaster: REU supplement  
**AWARD:** $16,000

PI: Wenzhi Li  
**PHYSICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Nanostructured Electrochemical Materials  
**AWARD:** $293,784

PI: Joongho Moon  
**CHEMISTRY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: Self-assembled Biodegradable Conjugated Polymers for RNA Interference  
**AWARD:** $94,044

PI: Heidi Morgan  
**CIARA**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of Chicago  
**TITLE:** Open Science Data Cloud(OSDC)PIRE:Training and Workshops  
**AWARD:** $11,149

PI: Edward P Murray  
**METROPOLITAN CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** City of West Miami  
**TITLE:** City of West Miami Comprehensive Plan Update  
**AWARD:** $37,000

PI: Madhavan P Nair  
**COM IMMUNOLOGY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Multifunctional Nanocarrier to Eradicate HIV from latently infected CNS cells and to treat Meth Addiction  
**AWARD:** $357,062
PI: Winifred Elysse Newman
ARCHITECTURE
Award Action Type: Initial
AWARDING SPONSOR: Li'l Abner Foundation
TITLE: Sweetwater Community Center
AWARD: $8,104

PI: Sudheesh Pilakka Kanthikeel
INSTITUTE OF NEUROIMMUNE PHARM
Award Action Type: Initial
AWARDING SPONSOR: National Institutes of Health
TITLE: Cocaine mediated downregulation of SAMHD1 facilitates HIV-1 infection in CNS cells
AWARD: $145,000

PI: Bianca Caroline Premo
HISTORY
Award Action Type: Initial
AWARDING SPONSOR: University of Texas at Austin
TITLE: Enlightenment on Trial, University of Texas- Austin Residential Fellowship
AWARD: $50,600

PI: Raju Rangaswami
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: CSR: Small: Non-blocking Writes
AWARD: $16,000

PI: Jennifer Rehage
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: South Florida Water Management District
TITLE: Role of Florida Bay coastal embayments as fish habitat: nursery value and use by valuable recreational species
AWARD: $15,938

PI: Jennifer Rehage
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: Bonefish & Tarpon Unlimited
TITLE: Effects of contaminants on coastal fisheries: a literature review & implications for bonefish in South Florida
AWARD: $42,609

PI: Naphtali D 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: Naphtali D Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CREST-I/UCRC-Industry Ecosystem to Pipeline Research  
AWARD: $ 12,000

PI: Misak Sargsian  
**PHYSICS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** U.S. Department of Energy  
**TITLE:** Theoretical Studies of High Energy Electron-Nuclear Processes  
AWARD: $ 90,000

PI: Misak Sargsian  
**PHYSICS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Jefferson Lab  
**TITLE:** Hadron Spectroscopy at Jefferson Lab  
AWARD: $ 12,971

PI: Arif Islam Sarwat  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: RIPS Type 2: Vulnerability Assessment and Resilient Design of Interdependent Infrastructures"  
AWARD: $ 12,000

PI: Arif Islam Sarwat  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CPS: Synergy: Collaborative Research: Towards Secure Networked Cyber-Physical Systems: A Game-Theoretic Framework with Bounded Rationality  
AWARD: $ 16,000

PI: Leonard Scinto  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Provide office services and operational technical support to the South Florida Ecosystem Restoration Task Force, Office of the Executive Director  
AWARD: $ 403,627

PI: Laurie Jeanne Shrage  
**PHILOSOPHY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Harvard University  
**TITLE:** Re-Segregation and Liberal Democracy  
AWARD: $ 64,993
PI: Margaret Sibley
CENTER FOR CHILDREN AND FAM
Award Action Type: Initial
AWARDING SPONSOR: Institute of Education Sciences
TITLE: Developing a Peer to Peer Behavioral Intervention for High School Students with ADHD
AWARD: $ 413,030

PI: Xin Sun
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: CRII:NeTS:Characterizing, Quantifying and Modeling Network Complexity
AWARD: $ 74,417

PI: Sabri Tosunoglu
MECHANICAL AND MAT ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: Francisco A. Diaz Donikian
TITLE: Design and Simulation of a Motorized Back Scrubber Device
AWARD: $ 5,523

PI: Arif Selcuk Uluagac
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: CAREER: Securing Side-Channels in Cyber-Physical Systems
AWARD: $ 107,418

PI: Janie Valdes
TRANSFER AND TRANSITION SVCS
Award Action Type: Supplemental
AWARDING SPONSOR: Florida College System Foundation
TITLE: Credit when it's due
AWARD: $ 10,000

PI: Miguel Villodas
CENTER FOR CHILDREN AND FAM
Award Action Type: Initial
AWARDING SPONSOR: Florida State University
TITLE: An Evidence-Based Parent-Child Relational Intervention for Young Children At-Risk for Abuse and Neglect
AWARD: $ 60,000

PI: Anna H Wachnicka Kosiorek
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: South Florida Water Management District
TITLE: Investigating mechanism of algal blooms in Biscayne Bay (Pilot Study)
AWARD: $ 5,873
PI: Ophelia I Weeks
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: National Institutes of Health
TITLE: FIU MARC U*STAR Program Yr2 -Ad
AWARD: $ 54,432

PI: Ophelia I Weeks
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: National Institutes of Health
TITLE: FIU MARC U*STAR Program Yr2-Student
AWARD: $ 120,022