Florida International University researchers were awarded $6,637,871 in October 2014. Listed below is a summary of awards received for the month of October.

**PI:** Hesham A Ali  
**Civil and Environ Engineering**  
**Award Action Type:** Supplemental  
**Awarding Sponsor:** Florida Department of Transportation  
**Title:** Long-Term Aging of Recycled Binders  
**Award:** $30,812

**PI:** Heidi L Alvarez  
**CIARA**  
**Award Action Type:** Increase  
**Awarding Sponsor:** University of Chicago  
**Title:** Open Science Data Cloud(OSDC)PIRE:Training and Workshops  
**Award:** $97,240

**PI:** Heidi L Alvarez  
**CIARA**  
**Award Action Type:** Increase  
**Awarding Sponsor:** University of Chicago  
**Title:** SubProject: Open Science Data Cloud(OSDC)PIRE:Training and Workshops  
**Award:** $36,000

**PI:** Joann Mann Arnowitz  
**Jewish Museum of Florida-FIU**  
**Award Action Type:** Initial  
**Awarding Sponsor:** City of Miami Beach  
**Title:** Cultural Arts Council (CAC) - Support for Advertising 14-15  
**Award:** $27,189

**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:** $12,791

**PI:** Atorod Azizinamini  
**Civil and Environ Engineering**  
**Award Action Type:** Initial  
**Awarding Sponsor:** U.S. Department of Transportation  
**Title:** National Accelerated Bridge Conference  
**Award:** $137,590
PI: Patricia M Barbetta  
**COE Teaching and Learning**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Florida Department of Education  
**Title:** ESE Tuition Support Program  
**Award:** $325,000

PI: Mahadev G Bhat  
**Earth and Environment**  
**Award Action Type:** Initial  
**Awarding Sponsor:** U.S. Department of Agriculture  
**Title:** Training and Government Program Access for Veteran and Socially Disadvantaged Farmers and Nursery Growers in South Florida  
**Award:** $168,323

PI: Eric Jeremiah Bishop-Von Wettberg  
**Biology**  
**Award Action Type:** Increase  
**Awarding Sponsor:** Fairchild Tropical Botanic Garden  
**Title:** Fairchild Tropical Botanic Garden supports research and education in tropical botany. As a tangible expression of this support, they provide graduate student support for individuals working for higher degrees in areas of tropical plant science.  
**Award:** $546

PI: Eric Jeremiah Bishop-Von Wettberg  
**Biology**  
**Award Action Type:** Initial  
**Awarding Sponsor:** University of California Riverside  
**Title:** Ecological and Evolutionary Forces Reshaping Mutualism During Species Introductions  
**Award:** $19,000

PI: Werner Boeglin  
**Physics**  
**Award Action Type:** Increase  
**Awarding Sponsor:** U.S. Department of Energy  
**Title:** A Fast Proton Diagnostic for NSTX  
**Award:** $115,646

PI: Kathryn Elizabeth Brogan  
**Dietetics and Nutrition**  
**Award Action Type:** Continuation  
**Awarding Sponsor:** Eastern Michigan University  
**Title:** Parent Focused Obesity Intervention for Low Income African American Preschoolers  
**Award:** $16,629

PI: Alexander Casas  
**University Police**  
**Award Action Type:** Initial  
**Awarding Sponsor:** National Oceanic and Atmospheric Admin  
**Title:** Guard Services for the National Hurricane Center  
**Award:** $27,969
PI: Jiuhua Chen  
**MECHANICAL AND MATERIALS ENGINEERING**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Air Force Office of Scientific Research  
**TITLE:** High Efficiency Flexible Battery Based on Graphene-Carbon Nanotube Hybrid Structure  
**AWARD:** $ 68,673

PI: Carol E Damian  
**FROST ART MUSEUM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** Major Cultural Institutions 2014-2015  
**AWARD:** $ 27,615

PI: Anthony Paul De Caprio  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Department of Justice  
**TITLE:** Forensic Toxicological Screening/Confirmation of 500+ Designer Drugs by LC-QTOF-MS and LC-QqQ-MS Analysis  
**AWARD:** $ 396,970

PI: Jessy G Devieux  
**HEALTH PROMO AND DISEASE PREV**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Fetzer Institute  
**TITLE:** Compassionate Love and Its Relationship to Health Behavior, Disease Progression, and Ten-Year Mortality in People with HIV  
**AWARD:** $ 41,965

PI: Maria C Donoso  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** US Agency for International Development  
**TITLE:** Rwanda Integrated Water Security Program (RIWSP)  
**AWARD:** $ 340,601

PI: Francisco Alberto Fernandez Lima  
**CHEMISTRY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Mass Spectrometry based molecular imaging of native biological nanodomains  
**AWARD:** $ 195,142

PI: Brian Fonseca  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** CACI International Inc  
**TITLE:** FIU-SOUTHCOM Academic Roundtable Series/ Public Opinion Analysis: FIU-SOUTHCOM Academic Roundtab  
**AWARD:** $ 74,105
PI: James W Fourqurean  
**SOUTHEAST ENV RESEARCH CTR**  
*Award Action Type:* Increase  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** Seagrass Monitoring in the Florida Keys National Marine Sanctuary - FY 2010-2011  
*AWARD:* $215,000

PI: James W Fourqurean  
**BIOLOGY**  
*Award Action Type:* Initial  
**AWARDING SPONSOR:** Naval Postgraduate School  
**TITLE:** NEEMO_18_NPS  
*AWARD:* $40,000

PI: Daniel Gann  
**LIBRARY OPERATIONS**  
*Award Action Type:* Increase  
**AWARDING SPONSOR:** U.S. Army Corps of Engineers  
**TITLE:** Monitoring of Tree Island Condition in the Southern Everglades  
*AWARD:* $16,727

PI: Gueo V Grantcharov  
**MATH AND STATISTICAL SCIENCES**  
*Award Action Type:* Increase  
**AWARDING SPONSOR:** Simons Foundation  
**TITLE:** Geometry of Complex Non-Kaehler Manifolds  
*AWARD:* $7,000

PI: Lei Guo  
**PHYSICS**  
*Award Action Type:* Increase  
**AWARDING SPONSOR:** Jefferson Lab  
**TITLE:** Hadron Spectroscopy at Jefferson Lab  
*AWARD:* $1,300

PI: Thomas Randolph Hartley  
**PARKING AND TRANSPORTATION**  
*Award Action Type:* Initial  
**AWARDING SPONSOR:** Florida Department of Agriculture and Co  
**TITLE:** FIU Urban Forestry Internship Program  
*AWARD:* $4,000

PI: Steven Heine  
**ASIAN STUDIES PROGRAM**  
*Award Action Type:* Increase  
**AWARDING SPONSOR:** Japan Foundation  
**TITLE:** Japan Foundation Grant - Institutional Support  
*AWARD:* $89,969
PI: Julio E Ibarra

CIARA

Award Action Type: Initial

AWARDING SPONSOR: Large Sympotic Survey Telescope

TITLE: Large Synoptic Survey Telescope (LSST)  
AWARD: $ 105,000

PI: Rudolf Jaffe

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Continuation

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: $ 85,000

PI: Rudolf Jaffe

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Initial

AWARDING SPONSOR: South Florida Water Management District

TITLE: Bioassays for Determining Bioavailable Dissolved Organic Nitrogen (BDON) in the Caloosahatchee River Water Column  
AWARD: $ 200,000

PI: Kenneth Arthur Jessell

DIVISION OF FINANCE AND ADMIN

Award Action Type: Initial

AWARDING SPONSOR: City of Sweetwater

TITLE: TIGER City of Sweetwater Match funds  
AWARD: $ 159,536

PI: Ranu Jung

BIOMEDICAL ENGINEERING

Award Action Type: Increase

AWARDING SPONSOR: U.S. DOD/Defense Advanced Research Proj

TITLE: Effective and Reliable Peripheral Interfaces for Prosthetic Control  
AWARD: $ 11,259

PI: John Stephen Kominoski

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Continuation

AWARDING SPONSOR: University of Georgia

TITLE: Collaborative Research: Scale, Consumers and Lotic Ecosystem Rates (SCALER):  
AWARD: $ 19,882

PI: Angela Marie Richmond Laird

PHYSICS

Award Action Type: Increase

AWARDING SPONSOR: Georgia State University

TITLE: BrainMap Tracker: Automated Annotation of Brain Mapping Experiments  
AWARD: $ 143,550
PI: Hong Liu

**EARTH AND ENVIRONMENT**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden

**TITLE:** GA for the Fairchild Challenge educational program

**AWARD:** $1,061

PI: Hong Liu

**EARTH AND ENVIRONMENT**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden

**TITLE:** Conservation ecology of selected plants in Halmahera, Indonesia Graduate Assistantship for Melissa Abdo

**AWARD:** $546

PI: Purnima Madhivanan

**EPIDEMIOLOGY**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Social & Scientific Systems Inc

**TITLE:** Clearance Time of Gonococcal Nucleic Acid By Nucleic Acid Amplification Testing (NAAT)

**AWARD:** $6,582

PI: Pete E Markowitz

**PHYSICS**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Princeton University

**TITLE:** MOU Between Fermi National Lab and FIU.

**AWARD:** $40,015

PI: Osama A Mohammed

**ELEC AND COMPUTER ENG**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Office of Naval Research

**TITLE:** Real Time Modeling & Simulation Techniques using Intelligent Systems with a Reduced Scale Hardware Demonstration of Smart Controls for Notional Ship Architecture

**AWARD:** $50,000

PI: Francisco Mora

**LATIN AMERICAN AND CARIB CTR**

**Award Action Type:** Initial

**AWARDING SPONSOR:** CACI International Inc

**TITLE:** Sub-Project-LACC: FIU-SOUTHCOM Academic Roundtable Series/ Public Opinion Analysis

**AWARD:** $105,895

PI: Francisco Mora

**LATIN AMERICAN AND CARIB CTR**

**Award Action Type:** Initial

**AWARDING SPONSOR:** U.S. Department of Education

**TITLE:** LACC National Resource Centers (NRC) and Foreign Language and Area Studies (FLAS) Fellowships Programs

**AWARD:** $44,280
PI: Francisco Mora
**LATIN AMERICAN AND CARIB CTR**
**Award Action Type:** Initial
**AWARDING SPONSOR:** U.S. Department of Education
**TITLE:** Foreign Language and Area Studies (FLAS) Fellowships
**AWARD:** $306,000

PI: Ali Mostafavidarani
**CONSTRUCTION MANAGEMENT**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Construction Industry Institute
**TITLE:** Improving Project Progress and Performance
**AWARD:** $63,770

PI: Ali Mostafavidarani
**CONSTRUCTION MANAGEMENT**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Construction Industry Institute
**TITLE:** Improving Project Progress and Performance: Travel Only
**AWARD:** $19,800

PI: Norman D Munroe
**OSAS ENGINEERING AND COMPUTING**
**Award Action Type:** Increase
**AWARDING SPONSOR:** National Action Council for Minorities
**TITLE:** NACME Initiative at Florida International University
**AWARD:** $19,000

PI: Edward P Murray
**METROPOLITAN CENTER**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Miami Ocean Studios LLC
**TITLE:** Economic Impact Study For Miami Ocean Studios
**AWARD:** $27,720

PI: Winifred Elysse Newman
**ARCHITECTURE**
**Award Action Type:** Increase
**AWARDING SPONSOR:** FIU Foundation
**TITLE:** District 11 Strategic Development Plan
**AWARD:** $19,885

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:** $48,486
PI: Richard S Olson  
**INTERNATIONAL HURRICANE CENTER**  
*Award Action Type*: Initial  
**AWARDING SPONSOR**: Florida Office of Insurance Regulation  
**TITLE**: Wall of Wind State Research  
**AWARD**: $300,000

PI: Mark Benjamin Padilla  
**LATIN AMERICAN AND CARIB CTR**  
*Award Action Type*: Initial  
**AWARDING SPONSOR**: University of Puerto Rico  
**TITLE**: Physicians and Health Related Services for Male-to-Female Transgender Persons  
**AWARD**: $60,122

PI: William E Pelham Jr  
**CENTER FOR CHILDREN AND FAM**  
*Award Action Type*: Initial  
**AWARDING SPONSOR**: National Institute on Drug Abuse  
**TITLE**: Intervention for Teens with ADHD and Substance Use  
**AWARD**: $588,033

PI: Rene M Price  
**SOUTHEAST ENV RESEARCH CTR**  
*Award Action Type*: Increase  
**AWARDING SPONSOR**: South Florida Water Management District  
**TITLE**: Hydrological Conditions of Mangrove Lakes Region of Everglades National Park  
**AWARD**: $45,221

PI: Sean Antonio Prospect  
**COE DEANS OFFICE**  
*Award Action Type*: Initial  
**AWARDING SPONSOR**: Florida Department of Education  
**TITLE**: Project SILVER (FIU After-School All-Stars)  
**AWARD**: $387,468

PI: Sean Antonio Prospect  
**COE DEANS OFFICE**  
*Award Action Type*: Initial  
**AWARDING SPONSOR**: Children's Trust  
**TITLE**: The Children's Trust (FIU After-School All-Stars)  
**AWARD**: $311,421

PI: Jean Rahier  
**AFRICAN AND AFR DIASPORA STU**  
*Award Action Type*: Initial  
**AWARDING SPONSOR**: U.S. Department of Education  
**TITLE**: Expanding and Developing African Studies at Florida International University  
**AWARD**: $92,699
PI: Andrea D Raymond
**COM IMMUNOLOGY**
Award Action Type: Initial
**AWARDING SPONSOR:** Icahn School of Medicine at Mount Sinai
**TITLE:** Identification by targeted exome capture of immunogenetic variations in anti-viral pattern recognition receptors that predispose African-Americans to HIV infection and neuroAIDS
**AWARD:** $ 20,000

PI: Jennifer H Richards
**BIOLOGY**
 Award Action Type: Increase
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden
**TITLE:** Fairchild Tropical Botanic Garden supports research and education in tropical botany. As a tangible expression of this support, they provide graduate student support for individuals working for higher degrees in areas of tropical plant science.
**AWARD:** $ 1,061

PI: Juan Pablo Sarmiento
**EXTREME EVENTS RESEARCH CENTER**
Award Action Type: Initial
**AWARDING SPONSOR:** INACAP
**TITLE:** Pasantia on Disaster Risk Reduction
**AWARD:** $ 49,554

PI: Leonard Scinto
**SOUTHEAST ENV RESEARCH CTR**
Award Action Type: Increase
**AWARDING SPONSOR:** South Florida Water Management District
**TITLE:** LILA: Phase V: Loxahatchee Impoundment Landscape Assessment Tree Island, Ridge and Slough Studies
**AWARD:** $ 169,998

PI: Shimelis Gebriye Setegn
**ENVIR AND OCCUPATIONAL HEALTH**
Award Action Type: Initial
**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:** $ 3,800

PI: Margaret Sibley
**CENTER FOR CHILDREN AND FAM**
Award Action Type: Initial
**AWARDING SPONSOR:** American Psychological Foundation
**TITLE:** Developing an Internet-Based Family Therapy Program for Adolescents with ADHD: A Violence Prevention Project
**AWARD:** $ 1,000
PI: Casey Steadman

THE WOLFSONIAN
Award Action Type: Initial
AWARDING SPONSOR: City of Miami Beach
TITLE: Miami Beach Cultural Anchors 2013-2014
AWARD: $28,136

PI: Casey Steadman

THE WOLFSONIAN
Award Action Type: Initial
AWARDING SPONSOR: Florida Division of Cultural Affairs
TITLE: 2014-2015 Florida Division of Cultural Affairs General Program Support
AWARD: $150,000

PI: Ibrahim N Tansel

CIVIL AND ENVIRON ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: U.S. Department of Transportation
TITLE: Dwight David Eisenhower Transportation Fellowship Program
AWARD: $7,500

PI: Helen Tempest

COM HUMAN AND MOL GENETICS
Award Action Type: Initial
AWARDING SPONSOR: College of Medicine Foundation
TITLE: Gene positioning as a diagnostic and prognostic tool in ovarian cancer
AWARD: $20,000

PI: Tiffany Troxler

SOUTHEAST ENV RESEARCH CTR
Award Action Type: Continuation
AWARDING SPONSOR: South Florida Water Management District
TITLE: Surface Water - Groundwater Interaction in Everglades Tree Islands: Hydrological Restoration of Degraded Tree Islands
AWARD: $87,300

PI: Tiffany Troxler

SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: South Florida Water Management District
TITLE: Ecological Monitoring of Water and Habitat Quality Associated with the C-111 Spreader Canal Project
AWARD: $135,000

PI: Hoshang Jehangir Unwalla

COM IMMUNOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Florida Department of Health
TITLE: Restoring the Mucociliary clearance enhancing properties of inhaled beta-2-agonist bronchodilators in chronic bronchitis.
AWARD: $120,258
PI: Victor M Uribe

HISTORY
Award Action Type: Initial
AWARDING SPONSOR: U.S. Department of Education
TITLE: The Symphony of State: Sao Paulo's Department of Culture, 1922-1954

AWARD: $ 40,980

PI: Jinpeng Wei

COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: Griffiss Institute Inc
TITLE: AFRL VPRP Extension: Out-host Demand Emulation with Live Migration

AWARD: $ 7,250