Florida International University researchers were awarded $10,768,817 in January 2014. Listed below is a summary of awards received for the month of January.

**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:** $81,440

**PI:** Atorod Azizinamini  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**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:** $1,414,100

**PI:** Lorraine Bahrick  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** Looking Ahead: Previous Gaze Durations Predict Next Gaze Durations in Infancy  
**AWARD:** $29,908

**PI:** Manuel Barbieri  
**BIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** U.S. Department of Defense  
**TITLE:** Functional Genomics of Disease-associated HLA Region Polymorphisms  
**AWARD:** $252,637

**PI:** Luther G Brewster  
**COM HUMANITIES HLTH AND SOC**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Opa-locka Community Development Corp  
**TITLE:** Children’s Trust Placed Based Services Partnership- Opa-Locka CDC & GFF-NHELP  
**AWARD:** $45,000

**PI:** Kathryn Elizabeth Brogan  
**DIETETICS AND NUTRITION**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Henry Ford Health System  
**TITLE:** Encouraging Young Adults to Make Effective Nutrition Choices  
**MENU Gen Y**  
**AWARD:** $7,651
PI: Kathryn Elizabeth Brogan  
Dietetics and Nutrition  
Award Action Type: Initial  
AWARDING SPONSOR: Eastern Michigan University  
TITLE: Parent Focused Obesity Intervention for Low Income African American Preschoolers  
AWARD: $11,052

PI: Ellen Leslie Brown  
Nursing PhD Program  
Award Action Type: Supplemental  
AWARDING SPONSOR: University of Miami  
TITLE: Miami Area Geriatric Education Centers (MAGEC)  
AWARD: $4,000

PI: Maria C Donoso  
Earth and Environment  
Award Action Type: Continuation  
AWARDING SPONSOR: US Agency for International Development  
TITLE: Integrated Water Resource Management  
AWARD: $920,000

PI: Maria C Donoso  
Earth and Environment  
Award Action Type: Supplemental  
AWARDING SPONSOR: US Agency for International Development  
TITLE: Tanzania Integrated Water, Sanitation and Hygiene (iWASH)  
AWARD: $4,300,000

PI: Michael Dudley  
UGS University Grad School  
Award Action Type: Initial  
AWARDING SPONSOR: Council of Graduate Schools  
TITLE: AGILE (Academy of Graduates for Integrative Learning Experiences)  
Formation of a Synergistic Community of Advanced Scholars  
AWARD: $20,000

PI: Francisco Alberto Fernandez Lima  
Chemistry  
Award Action Type: Initial  
AWARDING SPONSOR: Nova Southeastern University  
TITLE: Development of radioligand for assay of angiotensin-converting enzyme-2 (ACE-2)  
AWARD: $29,200

PI: Irma B Fernandez  
Office of Community Engagement  
Award Action Type: Increase  
AWARDING SPONSOR: FIU Foundation  
TITLE: The Education Effect  
AWARD: $84,166
PI: Maria L Fernandez
COE TEACHING AND LEARNING
Award Action Type: Initial
AWARDING SPONSOR: Florida State University
TITLE: Subcontract with FSU
AWARD: $36,000

PI: F Javier Francisco Ortega
BIOLOGY
Award Action Type: Supplemental
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 - Salary Support for Dr. Dayana Salas-Leiva
AWARD: $7,177

PI: F Javier Francisco Ortega
BIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: Fairchild Tropical Botanic Garden
TITLE: Managing the Fairchild Challenge Program
AWARD: $3,000

PI: Stacy Lynn Frazier
PSYCHOLOGY
Award Action Type: Supplemental
AWARDING SPONSOR: University of Illinois at Chicago
TITLE: Center for the Study of Schools as a Context for Urban Children's Mental Health
AWARD: $13,904

PI: Karen S Fuller
MUSIC
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: Hannibal Cox Jr.
AWARD: $35,000

PI: Kenneth G Furton
INT FORENSIC RSCH INSTITUTE
Award Action Type: Increase
AWARDING SPONSOR: Navy Systems Management Agency
TITLE: Evaluation of the Scent Collection System for Use in Canine Training
AWARD: $65,620

PI: Cheng-Tin Gan
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: National Rural Transit Assistance Program
TITLE: Incorporation of 2007-2011 Rural NTD Data into Florida Transit Information System (FTIS)
AWARD: $99,136
PI: Raul Gonzalez Jr  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Institutes of Health  
TITLE: The Impact of Cannabis Use on the Neurocognitive Functioning of Individuals with HIV/AIDS  
AWARD: $58,217

PI: Lei Guo  
PHYSICS  
Award Action Type: Continuation  
AWARDING SPONSOR: Jefferson Lab  
TITLE: Hadron Spectroscopy at Jefferson Lab  
AWARD: $5,970

PI: John Kominoski  
SOUTHEAST ENV RESEARCH CTR  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: WSC- Category 3: Collaborative Research: Water Sustainability under Near-term Climate Change: A Cross-Regional Analysis Incorporating Socio-Ecological Feedbacks and Adaptations  
AWARD: $50,000

PI: Leonel 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: FIU'S Environmental Research,  
AWARD: $11,797

PI: Leonel 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: Sub Project 3- Remediation  
AWARD: $24,464

PI: Leonel 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: Sub Project 1-FIU'S Environment  
AWARD: $56,345
PI: Leonel 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: FIU'S Environmental Research

**AWARD:** $86,092

PI: Leonel 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: Subproject Waste and D&D Eng

**AWARD:** $121,301

PI: Leonel Lagos
**ARC APPLIED RESEARCH CENTER**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Scientific Research Corporation
**TITLE:** Cyber Space Research and Development for Department of Defense's TRMC - Phase I

**AWARD:** $75,000

PI: Valentina Bruk Lee
**PSYCHOLOGY**
**Award Action Type:** Initial
**AWARDING SPONSOR:** University of South Florida
**TITLE:** Examining the impact of resilience on work stress and strains in nurses

**AWARD:** $7,819

PI: Cathy Leff
**THE WOLFSONIAN**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Graham Foundation for Advanced Studies
**TITLE:** The Journal of Decorative and Propaganda Arts: Special Turkey Issue

**AWARD:** $10,000

PI: Cathy Leff
**THE WOLFSONIAN**
**Award Action Type:** Initial
**AWARDING SPONSOR:** FIU Foundation
**TITLE:** Power of Design (POD) Fest

**AWARD:** $200,000

PI: Christine Lisetti
**COMPUTER INFO SCIENCES**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Numedeon Inc.
**TITLE:** SBIR Phase Ila: Building K-5 mathematical fluency through curriculum-based puzzle games within a collaborative virtual world

**AWARD:** $70,000
PI: Amelia Maguire

**COB DEANS OFFICE**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of West Florida  
**TITLE:** Small Business Development Center (SBDC): SBDC PTAC (Federal-DLA)  
**AWARD:** $44,553

PI: Amelia Maguire

**COB DEANS OFFICE**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of West Florida  
**TITLE:** Small Business Development Center (SBDC): SBDC Federal (SBA)  
**AWARD:** $580,919

PI: Amelia Maguire

**COB DEANS OFFICE**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of West Florida  
**TITLE:** Small Business Development Center (SBDC): SBDC Performance (State)  
**AWARD:** $193,719

PI: Alexander Mebel

**CHEMISTRY**

**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** U.S. Department of Energy  
**TITLE:** Theoretical Studies of chemical reactions related to the formation and growth of polycyclic aromatic hydrocarbons and molecular properties of their key intermed  
**AWARD:** $22,554

PI: Amir Mirmiran

**CIVIL AND ENVIRON ENGINEERING**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Use of Fiber Reinforced Polymer Composite Cable for Post Tensioning Applications - Phase 2  
**AWARD:** $84,769

PI: Amir Mirmiran

**CIVIL AND ENVIRON ENGINEERING**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Lightweight Solid Decks for Movable Bridges, Phase 2  
**AWARD:** $105,887

PI: Francisco Mora

**LATIN AMERICAN AND CARIB CTR**

**Award Action Type:** Initial  
**AWARDING SPONSOR:** Tinker Foundation Inc.  
**TITLE:** Tinker Field Research Grant  
**AWARD:** $15,000
PI: Norman D Munroe  
OSAS ENGINEERING AND COMPUTING  
Award Action Type: Continuation  
AWARDING SPONSOR: Florida Agricultural and Mechanical Univ  
TITLE: Florida Georgia Louis Stokes for Minority Participation (FGLSAMP): Florida Georgia Louis Stokes f  
AWARD: $ 7,500

PI: Norman D Munroe  
OSAS ENGINEERING AND COMPUTING  
Award Action Type: Continuation  
AWARDING SPONSOR: Florida Agricultural and Mechanical Univ  
TITLE: Florida Georgia Louis Stokes for Minority Participation (FGLSAMP): Participant Support  
AWARD: $ 40,500

PI: Bruce A Nissen  
CENTER LABOR RESEARCH STUDIES  
Award Action Type: Initial  
AWARDING SPONSOR: Ben & Jerry's Foundation  
TITLE: Miami Taxi Workers Alliance: Organizing and Alliance Building for Economic Justice  
AWARD: $ 20,000

PI: Steven Oberbauer  
BIOLOGY  
Award Action Type: Increase  
AWARDING SPONSOR: North Carolina State University  
TITLE: Water-carbon Links in a Tropical Forest: How Interbasin Groundwater Flow Effects Carbon Fluxes and Ecosystems Carbon Budgets  
AWARD: $ 77,280

PI: William E Pelham Jr  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: National Institute of Mental Health  
TITLE: Improving Medication Adherence in ADHD Adolescents  
AWARD: $ 733,804

PI: John Roberto Proni  
ARC APPLIED RESEARCH CENTER  
Award Action Type: Initial  
AWARDING SPONSOR: Green Biofuels Corporation  
TITLE: Green Biofuels  
AWARD: $ 15,000

PI: Jessica Ramella Roman  
BIOMEDICAL ENGINEERING  
Award Action Type: Initial  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Creation of a Novel Imaging System to Objectively Assess the Natural History of Treated and Unt  
AWARD: $ 49,496
PI: Jennifer Rehage
**Southeast Env Research Ctr**
**Award Action Type:** Initial  
**Awarding Sponsor:** South Florida Water Management District  
**Title:** HABITAT SELECTION & MOVEMENT OF EVERGLADES FISHES IN RESPONSE TO SEASONAL HYDROLOGY: effects of variation in water levels & reversals  
**Award:** $30,000

PI: Naphtali Rishe  
**Computer Info Sciences**  
**Award Action Type:** Increase  
**Awarding Sponsor:** National Science Foundation  
**Title:** I/UCRC Phase II: Center for Advanced Knowledge Enablement: VRS-Veteran Research Suppement  
**Award:** $10,000

PI: Naphtali Rishe  
**Computer Info Sciences**  
**Award Action Type:** Increase  
**Awarding Sponsor:** National Science Foundation  
**Title:** I/UCRC Phase II: Center for Advanced Knowledge Enablement: REU-Research Experience for Un  
**Award:** $16,000

PI: Jay Sah  
**Southeast Env Research Ctr**  
**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 Subpopulation D  
**Award:** $38,000

PI: Luis Salas  
**Center for Admin of Justice**  
**Award Action Type:** Continuation  
**Awarding Sponsor:** U.S. Department of State  
**Title:** Case Tracking and Performance System for Costa Rican Narcotraffic Prosecutors  
**Award:** $43,917

PI: Sofia Santiesteban  
**College Access**  
**Award Action Type:** Initial  
**Awarding Sponsor:** College Board Florida Partnership  
**Title:** FIU 2014 College Board Florida Partnership Expanded Opportunity Grant  
**Award:** $61,870

PI: Dorret E Sawyers  
**Multicultural Programs MMC**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Miami Foundation  
**Title:** LGBTQA Mentors Program  
**Award:** $2,500
PI: Georgio Tachiev  
**ARC Applied Research Center**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Integrated Hydrological and water quality model using MIKE SHE and MIKE 11 Software  

**AWARD:** $40,000

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PI: Yukching Tse Dinh  
**CHEMISTRY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Control of DNA Topology  

**AWARD:** $201,591

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PI: Himanshu D Upadhyay  
**ARC Applied Research Center**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Pacific Consensus  
**TITLE:** Pacific Consensus Website Support  

**AWARD:** $15,000

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PI: Ping Zhu  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** Dr. Zhu will perform large-eddy simulations (LESs) in a forecasting hindcasting mode to explicitly resolve the air-sea transfer of oil/gas/aerosol into the atmosphere and horizontal and vertical transport of hydrocarbon in the atmospheric boundary layer  

**AWARD:** $82,962