Florida International University researchers were awarded $3,256,567 in November 2014. Listed below is a summary of awards received for the month of November.

**PI: Joann Mann Arnowitz**  
**JEWISH MUSEUM OF FLORIDA-FIU**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** JMOF-FIU Major Cultural Institutions (MCI) FY 14-15  
**AWARD:** $90,000

**PI: Shekhar Bhansali**  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** North Carolina State University  
**TITLE:** Advanced Self-Powered Systems of Integrated Sensor Technologies (ASSIST)  
**AWARD:** $262,214

**PI: Shekhar Bhansali**  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** North Carolina State University  
**TITLE:** Advanced Self-Powered Systems of Integrated Sensor Technologies (ASSIST): Participant Payments  
**AWARD:** $43,400

**PI: Henry O Briceno**  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** WATER QUALITY MONITORING PROJECT FOR THE FLORIDA KEYS NATIONAL MARINE SANCTUARY (FKNMS)  
**AWARD:** $425,000

**PI: Deron Burkepile**  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Oregon State University  
**TITLE:** Evaluating the mechanisms that drive nutrient-induced coral disease and bleaching  
**AWARD:** $7,063

**PI: Alexander D Casas**  
**UNIVERSITY POLICE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Admin  
**TITLE:** Guard Services for the National Hurricane Center  
**AWARD:** $111,878
PI: Zhe Cheng  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Aeronautics & Space Administrat  
**TITLE:** Environmental Friendly Processing of Low Cost Flexible Copper Zinc Tin Sulfide (CZTS) Thin Film Solar Cells  
**AWARD:** $25,000

PI: Maria Donoso  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** US Agency for International Development  
**TITLE:** Integrated Water Resource Management  
**AWARD:** $110,825

PI: George S Dulikravich  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Air Force Office of Scientific Research  
**TITLE:** Direct and Inverse Design Optimization of Magnetic Alloys Without Rare Earth Elements  
**AWARD:** $224,978

PI: Nazira El-Hage  
**COM IMMUNOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Role of Autophagy in Microglia-induced NeuroAIDS in Substance Abuse  
**AWARD:** $255,200

PI: Francisco Alberto Fernandez Lima  
**BIOMOLECULAR SCIENCE INSTITUTE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Leidos Biomedical Research Inc  
**TITLE:** Evaluation of gas-phase ion mobility separations for higher throughput and more sensitive global and targeted cancer proteomics measurements  
**AWARD:** $90,000

PI: Mark Alan Finlayson  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of California Los Angeles  
**TITLE:** Narratives in the Informational Patient Society and their Association with Health  
**AWARD:** $65,000

PI: Ronald Philip Fisher  
**PSYCHOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Texas El Paso  
**TITLE:** High Value Detainee Interrogation Group (HIG): Intelligence Interviewing and Interrogation  
**AWARD:** $29,927
| PI: Brian Fonseca | ARC APPLIED RESEARCH CENTER | Award Action Type: Pre-Award | AWARDING SPONSOR: CACI International Inc | TITLE: FIU-SOUTHCOM Academic Roundtable Series/ Public Opinion Analysis | AWARD: $ 18,000 |
| PI: Karen S Fuller | MUSIC | Award Action Type: Increase | AWARDING SPONSOR: Miami-Dade County Cultural Affairs | TITLE: FIU School of Music Concert Season | AWARD: $ 10,000 |
| PI: Cheng-Tin Gan | CIVIL AND ENVIRON ENGINEERING | Award Action Type: Initial | AWARDING SPONSOR: URS Corporation | TITLE: FSUTMS Portal Improvements and Maintenance | AWARD: $ 58,149 |
| PI: Mohammed A Hadi | CIVIL AND ENVIRON ENGINEERING | Award Action Type: Initial | AWARDING SPONSOR: Florida Department of Transportation | TITLE: Framework for Multi-Resolution Analyses of Advanced Traffic Management Strategies | AWARD: $ 300,000 |
| PI: Michelle M Hospital | ICHAD | Award Action Type: Pre-Award | AWARDING SPONSOR: Pennsylvania State University | TITLE: A Longitudinal Study of Parent Communication with College Students about Alcohol | AWARD: $ 21,065 |
PI: Christine Lisetti  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CHS: Small: Advanced Design Principles for Computer Simulated Agents  
**AWARD:** $148,680

PI: Yuan Liu  
**CHEMISTRY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Trinucleotide Repeat Instability via DNA Damage and Repair  
**AWARD:** $288,045

PI: Alexander M Mebel  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Hawaii  
**TITLE:** A Combined Experimental and Theoretical Study on the Unimolecular Decomposition of Hydrocarbon Surrogates Relevant to JP-8 Jet Fuel  
**AWARD:** $17,295

PI: Eliza L Nelson  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** San Diego University  
**TITLE:** Development of MacArthur-Bates Forms and Norms for Children from Varied Spanish Language Communities  
**AWARD:** $1,100

PI: Maria Olenick  
**NURSING FEP BBC**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** U.S. Department of Veterans Affairs  
**TITLE:** VA Nursing Academic Partnership Program (VANAP)  
**AWARD:** $17,475

PI: Rene M Price  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** LILA: Phase V: Loxahatchee Impoundment Landscape Assessment Tree Island, Ridge and Slough Studies: Phase V: Price  
**AWARD:** $28,141

PI: Rene M Price  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Assessment of water and constituent transport in the L31N canal following two hydraulic alterations to flow within and to the Everglades National Park  
**AWARD:** $50,000
PI: Michael S Ross  
SOUTHEAST ENV RESEARCH CTR  
Award Action Type: Continuation  
AWARDING SPONSOR: South Florida Water Management District  
TITLE: LILA: Phase V: Loxahatchee Impoundment Landscape Assessment Tree Island, Ridge and Slough Studies: Phase V: Ross  
AWARD: $ 48,255

PI: Ernest G Simms  
STUDENT AFFAIRS VICE PRES OFF  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: McNair 2012-2017  
AWARD: $ 230,996

PI: Ping Zhu  
INTERNATIONAL HURRICANE CENTER  
Award Action Type: Initial  
AWARDING SPONSOR: National Oceanic and Atmospheric Admin  
TITLE: Understanding the impact of sub-grid scale physics in HWRF on the predicted inner-core structure and intensity of tropical cyclones  
AWARD: $ 199,000