Florida International University researchers were awarded $6,374,726 in October 2012. Listed below is a summary of awards received for the month of October.

**PI:** Jose Almirall  
**INT Forensic Rsch Institute**  
**AWARDING SPONSOR:** Field Forensics Inc.  
**TITLE:** Development of Receiver Operating Characteristic (ROC) Curves for the Use of FAST (PSPME) in Explosives Detection  
**AWARD:** $143

**PI:** Elizabeth Anderson  
**SEAS**  
**AWARDING SPONSOR:** Higher Education for Development  
**TITLE:** Strengthening local capacity for prioritizing conservation strategies in the Colombian Andean-Amazon: A basin-scale approach  
**AWARD:** $40,437

**PI:** Elizabeth Anderson  
**Earth and Environment**  
**AWARDING SPONSOR:** Inter-American Development Bank  
**TITLE:** Sustainability Report 2012: Sustainability Report: Perspectives on Central America  
**AWARD:** $9,987

**PI:** Mehmet E Bayraktar  
**Construction Management**  
**AWARDING SPONSOR:** Construction Industry Institute  
**TITLE:** Mitigating Threats of Counterfeit Materials in the Capital Projects  
**AWARD:** $50,692

**PI:** Shekhar Bhansali  
**Elec and Computer Eng**  
**AWARDING SPONSOR:** North Carolina State University  
**TITLE:** Advanced Self-Powered Systems of Integrated Sensor Technologies (ASSIST)  
**AWARD:** $233,575

**PI:** Deron Burkepile  
**Biology**  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** The importance of parrotfish on the maintenance and recovery of coral dominated reefs  
**AWARD:** $105,000

**PI:** Alexander D Casas  
**University Police**  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Admin  
**TITLE:** Guard Services for the National Hurricane Center  
**AWARD:** $43,567
<table>
<thead>
<tr>
<th>PI: Jiuhua Chen</th>
<th>MECHANICAL AND MAT ENGINEERING</th>
<th>AWARDING SPONSOR: Carnegie Institute of Washington</th>
<th>TITLE: EFree - Energy Frontier Research in Extreme Environments</th>
<th>AWARD: $ 80,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI: Helen Cornely</td>
<td>NURSING AND HLTH SCI DEANS OFF</td>
<td>AWARDING SPONSOR: Health Resources &amp; Services Administrati</td>
<td>TITLE: Scholarship for Disadvantaged Students</td>
<td>AWARD: $ 600,000</td>
</tr>
<tr>
<td>PI: Carol E Damian</td>
<td>FROST ART MUSEUM</td>
<td>AWARDING SPONSOR: Miami-Dade County Cultural Affairs</td>
<td>TITLE: FY 12-13 Miami-Dade County Cultural Affairs Major Cultural Institutions Grant</td>
<td>AWARD: $ 61,438</td>
</tr>
<tr>
<td>PI: Carol E Damian</td>
<td>FROST ART MUSEUM</td>
<td>AWARDING SPONSOR: FIU Foundation</td>
<td>TITLE: Kenan Flagler Renovation of Family Discovery Exhibits</td>
<td>AWARD: $ 128,477</td>
</tr>
<tr>
<td>PI: Carol E Damian</td>
<td>FROST ART MUSEUM</td>
<td>AWARDING SPONSOR: Florida Humanities Council</td>
<td>TITLE: Mini Grant for &quot;Portraits &amp; Identity: Seminole Portraits Symposium&quot;</td>
<td>AWARD: $ 2,000</td>
</tr>
<tr>
<td>PI: Krishnan Dandapani</td>
<td>COB FINANCE</td>
<td>AWARDING SPONSOR: Academic Partnerships, LLC</td>
<td>TITLE: Efficacy of Standards from Accrediting Perspective: Evaluation of Online MBA Program</td>
<td>AWARD: $ 5,000</td>
</tr>
<tr>
<td>PI: James Fouquerean</td>
<td>SOUTHEAST ENV RESEARCH CTR</td>
<td>AWARDING SPONSOR: National Park Service</td>
<td>TITLE: Dry Tortugas: Establishing Seagrass Monitoring Sites</td>
<td>AWARD: $ 35,000</td>
</tr>
<tr>
<td>PI: Karen Fuller</td>
<td>MUSIC</td>
<td>AWARDING SPONSOR: Miami-Dade County Cultural Affairs</td>
<td>TITLE: Hannibal Cox Jr.</td>
<td>AWARD: $ 30,000</td>
</tr>
</tbody>
</table>
PI: Kenneth G Furton

INT FORENSIC RSCH INSTITUTE

AWARDING SPONSOR: Canine Assistants Inc

TITLE: Identification of Epilptic Seizure Specific Chemical Biomarkers for Service Dogs

AWARD: $ 100,003

PI: Raul Gonzalez Jr

CENTER FOR CHILDREN AND FAM

AWARDING SPONSOR: National Institutes of Health

TITLE: Decision-Making and Episodic Memory in Trajectories to C

AWARD: $ 446,351

PI: Sandra A Gracia Jones

NURSING AND HLTH SCI DEANS OFF

AWARDING SPONSOR: Office of HIV/AIDS Policy

TITLE: Minority-Serving Institutions’ (MSI) HIV Prevention Sustainability Demonstration Initiative

AWARD: $ 51,976

PI: Gail Gregg

COE TEACHING AND LEARNING

AWARDING SPONSOR: Early Learning Coalition of Dade/Monroe

TITLE: Quality Rating Improvement System, QRIS

AWARD: $ 637,500

PI: Lei Guo

PHYSICS

AWARDING SPONSOR: Jefferson Lab

TITLE: Hadron Spectroscopy at Jefferson Lab

AWARD: $ 22,388

PI: Mohammed Hadi

CIVIL AND ENVIRON ENGINEERING

AWARDING SPONSOR: University of Florida

TITLE: Investigation of ATDM Strategies to Reduce the Probability of Breakdown

AWARD: $ 100,000

PI: Mohammed Hadi

CIVIL AND ENVIRON ENGINEERING

AWARDING SPONSOR: University of Florida

TITLE: STRIDE Internship

AWARD: $ 5,960

PI: Maria Ilcheva

METROPOLITAN CENTER

AWARDING SPONSOR: Miami Foundation

TITLE: Miami Fellows Program Evaluation

AWARD: $ 41,600

PI: Maria Ilcheva

METROPOLITAN CENTER

AWARDING SPONSOR: Citizens Independent Transportation Trus

TITLE: Transportation Symposium Planning and Organization

AWARD: $ 38,127
PI: Ranu Jung
**BIOMEDICAL ENGINEERING**
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Norman R. Weldon Biomedical Engineering Fellowship(s)  
Endowment  
**AWARD:** $ 2,400

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**AWARDING SPONSOR:** Science Applications International Corp.  
**TITLE:** SAIC Interns  
**AWARD:** $ 13,400

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**AWARDING SPONSOR:** Jacobs Engineering Group  
**TITLE:** Florida International University proposes the following services pertaining to the development of a program for Windamir Development & Construction.  
**AWARD:** $ 879

PI: Cathy Leff  
**THE WOLFSONIAN**  
**AWARDING SPONSOR:** Florida Division of Cultural Affairs  
**TITLE:** 2012-2013 General Program Support  
**AWARD:** $ 40,078

PI: Purnima Madhivanan  
**EPIDEMIOLOGY**  
**AWARDING SPONSOR:** University of California, Berkeley  
**TITLE:** Global Health Fellows and Scholars Program  
**AWARD:** $ 42,228

PI: Bruce Mc Cord  
**CHEMISTRY**  
**AWARDING SPONSOR:** QIAGEN  
**TITLE:** Resolution Enhancement of a Qiagen CE system  
**AWARD:** $ 25,200

PI: Maria Jose Miguez Perez  
**SISH**  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Pharmacotherapy for alcohol consumption in HIV Positive Women: Randomized Clinical Trial-Subproject  
**AWARD:** $ 252,875

PI: Masoud Milani  
**COMPUTER INFO SCIENCES**  
**AWARDING SPONSOR:** Miami-Dade County Public Schools  
**TITLE:** Florida Minorities in Engineering: FLAME Fall 2012 and Spring 2013  
**AWARD:** $ 45,967

PI: Laura A Ogden  
**SOUTHEAST ENV RESEARCH Ctr**  
**AWARDING SPONSOR:** Duke University  
**TITLE:** Collaborative Research: Ecological Homogenization of Urban America  
**AWARD:** $ 39,759
PI: Richard Olson
**Latin American and Caribbean Studies**
**Awarding Sponsor:** US Agency for International Development  
**Title:** Disaster Risk Reduction in the Americas  
**Award:** $880,507

PI: Jean Rahier
**African and Afro Diaspora Studies**
**Awarding Sponsor:** Miami-Dade County Cultural Affairs  
**Title:** 14th Eric Williams Memorial Lecture  
**Award:** $4,146

PI: Sharan Ramaswamy
**Biomedical Engineering**
**Awarding Sponsor:** FIU Foundation  
**Title:** Fatigue and constitutive properties of novel stent-grafts  
**Award:** $10,652

PI: Eliane Ramos
**Communications Sciences and Disorders**
**Awarding Sponsor:** Health Resources & Services Administrati  
**Title:** Scholarship for Disadvantaged Students  
**Award:** $150,000

PI: Jennifer Rehage
**Southeast Environmental Research Ctr**
**Awarding Sponsor:** E Sciences, Inc.  
**Title:** Survey of fishes at Homestead Airforce Reserve  
**Award:** $5,400

PI: Jennifer Rehage
**Earth and Environment**
**Awarding Sponsor:** Everglades Foundation  
**Title:** Integration of recreational anglers into fisheries research: using citizen science to expand a mark-recapture study in the coastal Everglades  
**Award:** $5,000

PI: Kathleen Rein
**DOR - Division of Research**
**Awarding Sponsor:** FIU Division of Research  
**Title:** Bridge Funding - Chemistry Lab  
**Award:** $24,572

PI: Naphtali Rishe
**Computer Info Sciences**
**Awarding Sponsor:** Guidewire Group  
**Title:** CREST/SBIR Phase Iia: Guidewire  
**Award:** $70,000

PI: Naphtali Rishe
**Computer Info Sciences**
**Awarding Sponsor:** Omega Optics Inc  
**Title:** CREST/SBIR Phase Iia: Web Enabled System to Assess, Mentor and Accelerate Startup Businesses  
**Award:** $70,000
PI: Dorret E Sawyers  
**MULTICULTURAL PROGRAMS MMC**  
**AWARDING SPONSOR:** Miami Foundation  
**TITLE:** 2012 GLBT Community Projects Fund  
**AWARD:** $2,500

PI: Leonard Scinto  
**SOUTHEAST ENV RESEARCH CTR**  
**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:** $444,252

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

PI: Dionne Stephens  
**PSYCHOLOGY**  
**AWARDING SPONSOR:** Emory University  
**TITLE:** Evaluation and Tailoring of Cancer Education with Parents to Reduce HPV Infection  
**AWARD:** $5,488

PI: Berrin Tansel  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Siloxanes in MSW: Quantities in Waste Components, Release Mechanisms during Waste Decomposition and Fate in the Environment  
**AWARD:** $30,000

PI: Berrin Tansel  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Miami-Dade County Water and Sewer  
**TITLE:** Miami-Dade Water and Sewer Department Water Use Efficiency and Water Consumption Data Analysis  
**AWARD:** $104,417

PI: Sabri Tosunoglu  
**MECHANICAL AND MAT ENGINEERING**  
**AWARDING SPONSOR:** U.S. Air Force  
**TITLE:** Support for the Mechanical Engineering Senior Design  
**AWARD:** $25,000

PI: Monica Emilia Tremblay  
**DEPT OF DECSCI AND INFO SYS**  
**AWARDING SPONSOR:** Research Triangle Institute Int.  
**TITLE:** Use Case Stories: Demonstrating Business Practices and Value of the Direct Project  
**AWARD:** $5,000
PI: Tiffany Troxler  
**SOUTHEAST ENV RESEARCH CTR**  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Ecological Monitoring of Southern Everglades Wetlands, Mangrove Transition Zone and White Zone Interactions with Florida Bay  
AWARD: $ 135,000

PI: Diana Valle-Riestra  
**COE TEACHING AND LEARNING**  
**AWARDING SPONSOR:** FL Consortium on Postsecondary Edu & Int  
**TITLE:** Project Panther LIFE: Panther Learning Is For Everyone  
AWARD: $ 14,844

PI: Maria Mercedes Vigon  
**JOURNALISM AND BROADCASTING**  
**AWARDING SPONSOR:** U.S. Department of State  
**TITLE:** The IMC proposes to provide training to prepare the journalists for the day when they can seek a job in an independent media in Cuba.  
AWARD: $ 468,039

PI: Ping Zhu  
**EARTH AND ENVIRONMENT**  
**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: $ 106,910