Florida International University researchers were awarded $5,580,500 in December 2012. Listed below is a summary of awards received for the month of December.

**PI:** Juan M Acuna  
**COM ACADEMIC AFFAIRS**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** South Miami-Dade Community Benchmark Survey  
**AWARD:** $119,892

**PI:** Elizabeth P 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:** $709,524

**PI:** Eric Bishop-Von Wettberg  
**BIOLOGY**  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Conservation Genetics of Miccosukee Gooseberry and Harper’s Beauty  
**AWARD:** $11,250

**PI:** Kevin Boswell  
**DOR - DIVISION OF RESEARCH**  
**AWARDING SPONSOR:** FIU Division of Research  
**TITLE:** SEED Funding: Is what you "see" really what you get?: Developing an acoustic baseline for the ecology and management of coral reef fish species  
**AWARD:** $24,650

**PI:** Deron Burkepile  
**BIOLOGY**  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Direct and indirect effects of outplanting variable densities of the threatened staghorn coral  
**AWARD:** $2,000

**PI:** Alexander D Casas  
**UNIVERSITY POLICE**  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Admin  
**TITLE:** Guard Services for the National Hurricane Center  
**AWARD:** $43,567

**PI:** Fabian Cevallos  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** University of South Florida  
**TITLE:** Handbook on Transit Planning and Operations  
**AWARD:** $98,606
PI: Fabian Cevallos  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Town of Brookhaven  
**TITLE:** Development of a Web-Based Software Tool for Human Service Transportation  
**AWARD:** $ 75,000

PI: Shu-Ching Chen  
**COMPUTER INFO SCIENCES**  
**AWARDING SPONSOR:** Purdue University  
**TITLE:** A Data Mining Framework for Enhancing Emergency Response Situation Reports with Multi-Agency, Multi-Partner, Multimedia Data  
**AWARD:** $ 50,000

PI: Evelyn Gaiser  
**SOUTHEAST ENV RESEARCH CTR**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research  
**AWARD:** $ 980,000

PI: Arindam Gan Chowdhury  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Georgia Institute of Technology  
**TITLE:** Tier I University Transportation Center (UTC) Program Support  
**AWARD:** $ 90,000

PI: Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Georgia Institute of Technology  
**TITLE:** Tier I University Transportation Center (UTC) Program Support  
**AWARD:** $ 43,000

PI: Hugh Gladwin  
**INTERNATIONAL HURRICANE CENTER**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Communication and Understanding of Hurricane Sandy Storm Surge Forecast and Warning Information  
**AWARD:** $ 6,250

PI: Mohammed Hadi  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Georgia Institute of Technology  
**TITLE:** Tier I University Transportation Center (UTC) Program Support  
**AWARD:** $ 140,000

PI: Rudolf Jaffe  
**SOUTHEAST ENV RESEARCH CTR**  
**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:** $ 150,000
PI: Xia Jin
CIVIL AND ENVIRON ENGINEERING
AWARDING SPONSOR: Georgia Institute of Technology
TITLE: Tier I University Transportation Center (UTC) Program Support
AWARD: $ 65,000

PI: Jenna Mitchell Kieckhaefer
PSYCHOLOGY
AWARDING SPONSOR: National Institute of Justice
TITLE: Understanding rapport-building in investigative interviews: Does rapport effect on witness memory and suggestibility depend on the interviewer
AWARD: $ 24,999

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: $ 7,315

PI: Craig Layman
BIOLOGY
AWARDING SPONSOR: Loxahatchee River District
TITLE: Loxahatchee River Oyster Reef Faunal Monitoring
AWARD: $ 35,000

PI: Cathy Leff
THE WOLFSONIAN
AWARDING SPONSOR: Andrew W. Mellon Foundation
TITLE: Support from the Andrew W. Mellon Foundation 2012-2015
AWARD: $ 21,930

PI: Cathy Leff
THE WOLFSONIAN
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: Major Cultural Institutions
AWARD: $ 259,941

PI: H Virginia McCoy
HEALTH PROMO AND DISEASE PREV
AWARDING SPONSOR: University of Puerto Rico
TITLE: Florida Puerto Rico Public Health Research
AWARD: $ 258,740

PI: Alexander Mebel
CHEMISTRY
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: $ 88,116
PI: Masoud Milani
**OSAS ENGINEERING AND COMPUTING**
**AWARDING SPONSOR:** National Action Council for Minorities
**TITLE:** 2009-10 NACME Scholars  
**AWARD:** $27,000

PI: Edward P Murray
**METROPOLITAN CENTER**
**AWARDING SPONSOR:** Citizens Independent Transportation Trus
**TITLE:** Citizen's Independent Transportation Trust - SR836 Express Enhanced Bus TOD: Highest and Best Use Workshop  
**AWARD:** $3,600

PI: Steven Oberbauer
**BIOLOGY**
**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:** $74,631

PI: Jessica Robb Mazzant
**CENTER FOR CHILDREN AND FAM**
**AWARDING SPONSOR:** Nova Southeastern University
**TITLE:** Capacity Building Services  
**AWARD:** $32,888

PI: Michael Sukop
**EARTH AND ENVIRONMENT**
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Collaborative Research WSC Category 2:: Building robust decision-making for South Florida water resources through ecosystem service valuation, hydro-economic optimization and conflict resolution modeling  
**AWARD:** $1,467,694

PI: Berrin Tansel
**CIVIL AND ENVIRON ENGINEERING**
**AWARDING SPONSOR:** Georgia Institute of Technology
**TITLE:** Tier I University Transportation Center (UTC) Program Support  
**AWARD:** $50,000

PI: Samikkannu Thangavel
**COM IMMUNOLOGY**
**AWARDING SPONSOR:** National Institutes of Health
**TITLE:** Immuno-Neuropathogenic Mechanisms of HIV-1 clade B and C  
**AWARD:** $65,250

PI: Monica Emilia Tremblay
**DEPT OF DEC SCI AND INFO SYS**
**AWARDING SPONSOR:** Research Triangle Institute Int.
**TITLE:** Use Case Stories: Demonstrating Business Practices and Value of the Direct Project  
**AWARD:** $213,443
<table>
<thead>
<tr>
<th>PI: Joel Trexler</th>
<th><strong>SOUTHEAST ENV RESEARCH CTR</strong></th>
<th><strong>AWARDING SPONSOR:</strong> U.S. Army</th>
<th><strong>TITLE:</strong> The Effects of Wet Season Hydrology Patterns on Prey Populations that Support Wading Bird Populations</th>
<th><strong>AWARD:</strong> $63,156</th>
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</thead>
<tbody>
<tr>
<td>PI: Yukching Tse Dinh</td>
<td><strong>CHEMISTRY</strong></td>
<td><strong>AWARDING SPONSOR:</strong> National Institutes of Health</td>
<td><strong>TITLE:</strong> Control of DNA Topology</td>
<td><strong>AWARD:</strong> $213,066</td>
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<tr>
<td>PI: Janie Valdes</td>
<td><strong>TRANSFER AND TRANSITION SVCS</strong></td>
<td><strong>AWARDING SPONSOR:</strong> Florida College System Foundation</td>
<td><strong>TITLE:</strong> Credit when it's due</td>
<td><strong>AWARD:</strong> $15,000</td>
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<tr>
<td>PI: Ton-Lo Wang</td>
<td><strong>CIVIL AND ENVIRON ENGINEERING</strong></td>
<td><strong>AWARDING SPONSOR:</strong> Georgia Institute of Technology</td>
<td><strong>TITLE:</strong> Tier I University Transportation Center (UTC) Program Support</td>
<td><strong>AWARD:</strong> $49,993</td>
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