Florida International University researchers were awarded $8,217,576 in December 2011. Listed below is a summary of awards received for $20,000 or more during the month of December.

PI: Gary M Rand  
**SOUTHEAST ENV RESEARCH CTR**
**AWARDING SPONSOR:** BP Exploration & Production Inc.  
**TITLE:** Effects of the Deep Water Horizon Oil Spill on Marine Organisms  
**AWARD:** $3,272,544

PI: David F Roelant  
**ARC APPLIED RESEARCH CENTER**
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Subproject: Waste and D&D Engineering and Technology Development and Support  
**AWARD:** $558,249

PI: David F Roelant  
**ARC APPLIED RESEARCH CENTER**
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** FIU’S Environmental Research, Development, and Tech  
**AWARD:** $486,868

PI: David F Roelant  
**ARC APPLIED RESEARCH CENTER**
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Sub Project 1 - FIU’S Environmental Research, Development, and Tech  
**AWARD:** $379,935

PI: Evelyn E Gaiser  
**SOUTHEAST ENV RESEARCH CTR**
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** FCE LTER II: Coastal oligotrophic ecosystems research.  
**AWARD:** $306,921

PI: David F Roelant  
**ARC APPLIED RESEARCH CENTER**
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Sub project 3- Remediation and Treatment Tech Development and Support  
**AWARD:** $301,441

PI: Shekhar Bhansali  
**ELEC AND COMPUTER ENG**
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** GOALI: Integrated Microwave Microneedle Electrode System  
**AWARD:** $258,103
<table>
<thead>
<tr>
<th>PI: Oren Dale Williams</th>
<th>BIOSTATISTICS</th>
<th>AWARDING SPONSOR: National Institutes of Health</th>
<th>TITLE: Strengthening Indian NCD Clinical Research and Training Capacity</th>
<th>AWARD: $250,958</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI: Richard C Palmer</td>
<td>ROBERT STEMPLE CPHSW DEANS OFF</td>
<td>AWARDING SPONSOR: Health Foundation of South Florida</td>
<td>TITLE: Healthy Aging Regional Collaborative.</td>
<td>AWARD: $221,848</td>
</tr>
<tr>
<td>PI: Mahadev G Bhat</td>
<td>EARTH AND ENVIRONMENT</td>
<td>AWARDING SPONSOR: FIU Foundation</td>
<td>TITLE: The Education Effect: Aquaponics and Vegetable Garden Sub-Component</td>
<td>AWARD: $148,818</td>
</tr>
<tr>
<td>PI: Fabian G Cevallos</td>
<td>CIVIL AND ENVIRON ENGINEERING</td>
<td>AWARDING SPONSOR: Florida Department of Transportation</td>
<td>TITLE: Automated Transit Stop Inventory Model (ATSIM) Development and Technical Support</td>
<td>AWARD: $135,000</td>
</tr>
<tr>
<td>PI: Wenzhi Li</td>
<td>PHYSICS</td>
<td>AWARDING SPONSOR: American Chemical Society</td>
<td>TITLE: Synthesis and Characterization of Carbon Nanotube-Silicon Core-Shell Nanowire Array as Anode Material for Lithium-Ion Battery Application</td>
<td>AWARD: $100,000</td>
</tr>
<tr>
<td>PI: David F Roelant</td>
<td>ARC APPLIED RESEARCH CENTER</td>
<td>AWARDING SPONSOR: Office of Environmental Management</td>
<td>TITLE: Sub Project 3- Rapid Deployment of Engineered Solutions for Environmental Problems at Hanford (DOE-RFL)</td>
<td>AWARD: $97,758</td>
</tr>
<tr>
<td>PI: Evelyn E Gaiser</td>
<td>SOUTHEAST ENV RESEARCH CTR</td>
<td>AWARDING SPONSOR: National Science Foundation</td>
<td>TITLE: Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.</td>
<td>AWARD: $87,767</td>
</tr>
</tbody>
</table>
PI: Tiffany Grace Troxler  
**Southeast Env Research Ctr**  
**Awarding Sponsor:** South Florida Water Management District  
**Title:** Compare the characteristics and dynamics of four Everglades tree islands where hydraulic and hydrogeochemical patterns and processes will be characterized at multiple temporal and spatial scales.  
**Award:** $87,350

PI: Alexander M 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:** $84,009

PI: James W Fourqurean  
**Southeast Env Research Ctr**  
**Awarding Sponsor:** National Science Foundation  
**Title:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.  
**Award:** $79,835

PI: Joseph N Boyer  
**Southeast Env Research Ctr**  
**Awarding Sponsor:** National Science Foundation  
**Title:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.  
**Award:** $68,379

PI: Rudolf Jaffe  
**Southeast Env Research Ctr**  
**Awarding Sponsor:** National Science Foundation  
**Title:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.  
**Award:** $66,853

PI: Michael R Heithaus  
**Southeast Env Research Ctr**  
**Awarding Sponsor:** National Science Foundation  
**Title:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.  
**Award:** $65,724

PI: Richard A Bone  
**FSRTA Faculty and Student Rsch**  
**Awarding Sponsor:** General Medical Sciences  
**Title:** The Distribution of Light on the Human Retina.  
**Award:** $64,598

PI: Alexander D Casas  
**Public Safety**  
**Awarding Sponsor:** National Oceanic and Atmospheric Admin  
**Title:** Guard Services for the National Hurricane Center  
**Award:** $63,448
PI: Jason Xiaowen Liu

**COMPUTER INFO SCIENCES**

**AWARDING SPONSOR:** BBN Technologies Corp.
**TITLE:** PrimoGENI - Developing GENI Aggregates for Real Time Large Scale Network Simulation
**AWARD:** $55,543

PI: Rene M Price

**SOUTHEAST ENV RESEARCH CTR**

**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.
**AWARD:** $54,587

PI: Zhaohui J Fu

**LIBRARY OPERATIONS**

**AWARDING SPONSOR:** City of Coral Gables
**TITLE:** Coral Gables Virtual History
**AWARD:** $50,000

PI: Yong Cai

**ARC APPLIED RESEARCH CENTER**

**AWARDING SPONSOR:** Office of Environmental Management
**TITLE:** Sub Project 2-FIU'S Environmental Research, Development, and Tech
**AWARD:** $49,650

PI: Laura A Ogden

**SOUTHEAST ENV RESEARCH CTR**

**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.
**AWARD:** $47,051

PI: Leonard J Scinto

**SOUTHEAST ENV RESEARCH CTR**

**AWARDING SPONSOR:** South Florida Water Management District
**TITLE:** LILA Tree Island, Ridge, Slough Studies
**AWARD:** $46,725

PI: Maria Jose Miguez Perez

**SISH**

**AWARDING SPONSOR:** University of Florida
**TITLE:** Pharmacotherapy for alcohol consumption in HIV Positive Women: Randomized Clinical Trail
**AWARD:** $44,000

PI: Shu-Ching Chen

**COMPUTER INFO SCIENCES**

**AWARDING SPONSOR:** Miami-Dade County
**TITLE:** Coordinated Damage Assessment
**AWARD:** $43,671

PI: William T Anderson

**SOUTHEAST ENV RESEARCH CTR**

**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.
**AWARD:** $42,883
<table>
<thead>
<tr>
<th>PI: Michelle M Hospital</th>
<th>INST FOR CHILD HEALTH &amp; DEVLPM</th>
<th>AWARDING SPONSOR: Pennsylvania State University</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE: A Longitudinal Study of Parent Communication with College Students about Alcohol</td>
<td>AWARD: $ 37,401</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PI: Michael S Ross</th>
<th>SOUTHEAST ENV RESEARCH CTR</th>
<th>AWARDING SPONSOR: South Florida Water Management District</th>
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</thead>
<tbody>
<tr>
<td>TITLE: LILA Tree Island, Ridge, Slough Studies</td>
<td>AWARD: $ 37,319</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI: Craig A Layman</th>
<th>BIOLOGICAL SCIENCES</th>
<th>AWARDING SPONSOR: Loxahatchee River District</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE: Loxahatchee River Oyster Reef Faunal Monitoring</td>
<td>AWARD: $ 35,000</td>
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</table>

<table>
<thead>
<tr>
<th>PI: Ronald Philip Fisher</th>
<th>PSYCHOLOGY</th>
<th>AWARDING SPONSOR: University of Texas at El Paso</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE: High Value Detainee Interrogation Group (HIG): Intelligence Interviewing and Interrogation</td>
<td>AWARD: $ 33,209</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PI: Shekhar Bhansali</th>
<th>ELEC AND COMPUTER ENG</th>
<th>AWARDING SPONSOR: National Science Foundation</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE: GOALI: REU Supplement</td>
<td>AWARD: $ 21,548</td>
<td></td>
</tr>
</tbody>
</table>