Florida International University researchers were awarded $7,164,383 in March 2010. Listed below is a summary of awards received for $20,000 or more during the month of March.

PI: James Jaccard  
Psychology  
**AWARDING SPONSOR:** National Institute on Alcohol Abuse and Alcoholism  
**TITLE:** Underage Drinking in Latino Youth  
**AWARD:** $647,149

PI: Joerg Reinhold  
Physics  
**AWARDING SPONSOR:** Office of Nuclear Energy, Science and Technology  
**TITLE:** Nuclear Physics Research at Jefferson Lab  
**AWARD:** $454,858

PI: William Pelham  
Psychology  
**AWARDING SPONSOR:** Institute of Educational Sciences  
**TITLE:** NCSER-POSTDOC-Postdoctoral Training in Intervention Research for Children with Disruptive Behavior Disorders  
**AWARD:** $445,584

PI: William Pelham  
Psychology  
**AWARDING SPONSOR:** Institute of Educational Sciences  
**TITLE:** R324B06045 – Adaptive Treatments for Children with ADHD  
**AWARD:** $434,243

PI: Joseph Boyer  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Renewal: Provide Office Services and Operational Technical Support to the South Florida Ecosystem Restoration Task Force, Office of the Executive Director  
**AWARD:** $358,095

PI: Mary Ann von Glinow  
Management and International Business  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** Center for International Business Education and Research  
**AWARD:** $355,000

PI: Mario De La Rosa  
CRUSADA: Center for Research on US Latino AIDS/HIV/Drug Abuse  
**AWARDING SPONSOR:** National Center on Minority Health and Health Disparities  
**TITLE:** A Longitudinal Study of Drug Abuse and HIV Risk among Latina Mother-Daughter Dyads  
**AWARD:** $353,198
<table>
<thead>
<tr>
<th>PI: William Pelham</th>
<th>Psychology</th>
<th>AWARDING SPONSOR: National Institute on Drug Abuse (NIDA)</th>
<th>TITLE: The Development of Drug Use and Abuse in ADHD Adolescents and Young Adults</th>
<th>AWARD: $282,786</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI: Manuel Barbieri</td>
<td>Biological Sciences</td>
<td>AWARDING SPONSOR: National Institutes of General Medical Sciences</td>
<td>TITLE: Intracellular Receptor Trafficking</td>
<td>AWARD: $247,045</td>
</tr>
<tr>
<td>PI: Joseph Boyer</td>
<td>Southeast Environmental Research Center</td>
<td>AWARDING SPONSOR: National Oceanic &amp; Atmospheric Administration</td>
<td>TITLE: SFL08: Marine and Estuarine Goal Setting for South Florida (MARES)</td>
<td>AWARD: $195,033</td>
</tr>
<tr>
<td>PI: Girma Bitsuamlak</td>
<td>Civil and Environmental Engineering</td>
<td>AWARDING SPONSOR: Division of Emergency Management</td>
<td>TITLE: Subproject: Hurricane Loss Reduction for Housing in Florida</td>
<td>AWARD: $191,863</td>
</tr>
<tr>
<td>PI: William Pelham</td>
<td>Psychology</td>
<td>AWARDING SPONSOR: University of Pittsburgh</td>
<td>TITLE: The Development of Alcohol Use and Abuse in ADHD and Young Adults</td>
<td>AWARD: $171,480</td>
</tr>
<tr>
<td>PI: Richard Palmer</td>
<td>Health Promotion and Disease Prevention</td>
<td>AWARDING SPONSOR: Health Foundation of South Florida</td>
<td>TITLE: Healthy Aging Regional Collaborative</td>
<td>AWARD: $153,724</td>
</tr>
<tr>
<td>PI: Keqi Zhang</td>
<td>International Hurricane Research Center</td>
<td>AWARDING SPONSOR: Division of Emergency Management</td>
<td>TITLE: Hurricane Loss Reduction for Housing in Florida</td>
<td>AWARD: $146,909</td>
</tr>
</tbody>
</table>
PI: Arindam Gan Chowdhury  
Civil and Environmental Engineering  
**AWARDING SPONSOR:** Division of Emergency Management  
**TITLE:** Subproject: Hurricane Loss Reduction for Housing in Florida  
**AWARD:** $138,603

PI: Haiyan Jiang  
Earth Sciences  
**AWARDING SPONSOR:** National Aeronautics & Space Administration  
**TITLE:** Differences and Similarities of Tropical Cyclone Rainfall over Land and Sea using Multisatellite Analyses: Implications for Inland Flooding Protection  
**AWARD:** $131,470

PI: Arvind Agarwal  
Mechanical and Materials Engineering  
**AWARDING SPONSOR:** Air Force Office of Scientific Research  
**TITLE:** Multi-Scale Microstructure and Mechanical Properties of High Carbon Eutectic Tantalum Carbide Reinforced with Carbon Nanotubes  
**AWARD:** $113,222

PI: Keqi Zhang  
International Hurricane Research Center  
**AWARDING SPONSOR:** Division of Emergency Management  
**TITLE:** Subproject: Hurricane Loss Reduction for Housing in Florida  
**AWARD:** $97,438

PI: Leonard Scinto  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** LILA Tree Island, Ridge, Slough Studies and Site Management  
**AWARD:** $94,065

PI: Rajamani Narayanan  
Physics  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Lattice Field Theory and Hadronic Physics  
**AWARD:** $93,564

PI: Michael Ross  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** Everglades Foundation  
**TITLE:** A Synthesis of Everglades Freshwater Research  
**AWARD:** $91,430

PI: Tiffany Troxler  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Spatial Pattern in Nutrient Fluxes on Two Tree Islands in WCA-3A: Toward Restoration of Degraded Tree Islands  
**AWARD:** $89,843

PI: Evangelos Christidis  
School of Computing and Information Sciences  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: A Collaborative Adaptive Data Sharing Platform  
**AWARD:** $77,488

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PI: Pallab Mozumder  
International Hurricane Research Center  
**AWARDING SPONSOR:** Division of Emergency Management  
**TITLE:** Subproject: Hurricane Loss Reduction for Housing in Florida  
**AWARD:** $75,174

PI: Albert Gan  
Civil and Environmental Engineering  
**AWARDING SPONSOR:** Florida Department of Transportation/District Six  
**TITLE:** ITS Technical and Research Support #15  
**AWARD:** $75,000

PI: Joel Trexler  
Biological Sciences  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Effects of Landscape Features and Connectivity on Dispersal of Fish Across the Everglades Landscape  
**AWARD:** $71,727

PI: Michael Ross  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Subproject: LILA Tree Island, Ridge, Slough Studies and Site Management  
**AWARD:** $70,183

PI: Rene Price  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Subproject: LILA Tree Island, Ridge, Slough Studies and Site Management  
**AWARD:** $68,078

PI: Anthony McGoron  
Biomedical Engineering  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Graduate Fellowship in Biomedical Engineering Fund  
**AWARD:** $63,981

PI: Anthony McGoron  
Biomedical Engineering  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Biomedical Engineering Excellence Fund  
**AWARD:** $60,798

PI: William Pelham  
Psychology  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Behavior Modification and Young ADHD Children  
**AWARD:** $58,916

PI: Rene Herrera  
Human and Molecular Genetics  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Tissue Specific and Developmental Expression of snRNA Variants In the Silk Moth  
**AWARD:** $56,000
PI: Richard Burton  
Applied Research Center  
**AWARDING SPONSOR:** Science Applications International Corporation  
**TITLE:** SAIC Support to KSC  
**AWARD:** $ 54,140

PI: Norman Munroe  
Civil and Environmental Engineering  
**AWARDING SPONSOR:** Division of Emergency Management  
**TITLE:** Subproject: Hurricane Loss Reduction for Housing in Florida  
**AWARD:** $ 50,012

PI: Leonard Scinto  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Soil characterization in Selected Stormwater Treatment Areas  
**AWARD:** $ 47,923

PI: Berrin Tansel  
Engineering Dean’s Office  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** The South East Alliance for Graduate Education and the Professoriate (SEAGEP)  
**AWARD:** $ 47,906

PI: Arvind Agarwal  
Mechanical and Materials Engineering  
**AWARDING SPONSOR:** Office of Naval Research  
**TITLE:** Development of Comprehensive Process Maps for Carbon Nanotube Reinforced Ceramic Nanocomposite Coatings with Improved Fracture, Fatigue and Wear Properties  
**AWARD:** $ 36,295

PI: Berrin Tansel  
Civil and Environmental Engineering  
**AWARDING SPONSOR:** Miami-Dade county Water and Sewer Department  
**TITLE:** FIU Students WWTP Field Studies – Sludge Thickening and Dewatering  
**AWARD:** $ 36,000

PI: Jamie Rogers  
University Libraries  
**AWARDING SPONSOR:** City of Coral Gables  
**TITLE:** Coral Gables Talking Book  
**AWARD:** $ 35,006

PI: Tiffany Troxler  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Monitoring Data of the Southern Everglades Ecosystem for Adaptive Management of Operations and Restoration  
**AWARD:** $ 34,868

PI: Gang Quan  
Electrical and Computer Engineering  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: Power Aware Scheduling for Real-Time Embedded Systems  
**AWARD:** $ 34,001

Florida International University- Division of Research  
March 2010 Report
PI: Sofia Santiesteban  
Pre-Collegiate Programs and Grants  
AWARDING SPONSOR: College Board, Florida Partnership  
TITLE: 2010 College Board Florida Partnership for Minority and Underrepresented Student Achievement  
AWARD: $34,000

PI: Mario De La Rosa  
CRUSADA: Center for Research on US Latino AIDS/HIV/Drug Abuse  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Religious Coping and Drug Use/HIV Risk Behaviors in Latino Immigrants  
AWARD: $30,963

PI: Dario Moreno  
Metropolitan Center  
AWARDING SPONSOR: Miami-Dade Broadband Coalition  
TITLE: Digital Literacy Surveys  
AWARD: $30,001

PI: Sharan Ramaswamy  
Biomedical Engineering  
AWARDING SPONSOR: American Heart Association  
TITLE: Noninvasive Detection and Tracking of Cell Populations in the Development and Remodeling of Engineering Heart Valve  
AWARD: $30,000

PI: Kathleen Rein  
Chemistry  
AWARDING SPONSOR: National Institute of Environmental Health Sciences  
TITLE: Subproject: Advanced Research Cooperation in Environmental Health  
AWARD: $29,804

PI: Berrin Tansel  
Center for Diversity in Engineering & Computing  
AWARDING SPONSOR: National Action Council for Minorities in Engineering  
TITLE: NACME Scholars  
AWARD: $28,000

PI: Richard Bone  
Physics  
AWARDING SPONSOR: Four Leaf Japan Co., Ltd.  
TITLE: Four Leaf Bioavailability Study – Phase II  
AWARD: $27,492

PI: Albert Gan  
Civil and Environmental Engineering  
AWARDING SPONSOR: Florida Department of Transportation District Six  
TITLE: ITS Technical and Research Support #14  
AWARD: $25,060

PI: Jorge Zumaeta  
College of Continuing and Professional Studies  
AWARDING SPONSOR: Jewish Community Federation  
TITLE: Osher Lifelong Learning Institute (OLLI)  
AWARD: $25,000
PI: Kathleen Rein
Chemistry
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: Subproject: Advanced Research Cooperation in Environmental Health (ARCH) AWARD: $20,313

PI: Evelyn Gaiser
Southeast Environmental Research Center
AWARDING SPONSOR: Everglades Foundation
TITLE: Mapping Diatom Community Patterns along Gradients of Phosphorus, Hydrology and Conductivity across Everglades Regions AWARD: $20,000