

**FLORIDA INTERNATIONAL UNIVERSITY DIVISION OF RESEARCH**  
**OFFICE OF SPONSORED RESEARCH**  
**MAY AWARDS OVERVIEW**

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Florida International University researchers were awarded **\$1,925,440** in May 2009. Listed below is a summary of awards received for *\$20,000 or more* during the month of May.

<b>PI:</b> Maria Fernandez Department of Curriculum and Instruction <b>AWARDING SPONSOR:</b> University of South Florida <b>TITLE:</b> <i>Subproject: FL PROMISE at FIU</i>	<b>AWARD:</b> \$ 270,000
<b>PI:</b> Niki Pissinou Electrical and Computer Engineering <b>AWARDING SPONSOR:</b> National Science Foundation <b>TITLE:</b> <i>Subproject: REU Site: Numerical Computing and Optimization in Multidisciplinary Applications: Methods and Software</i>	<b>AWARD:</b> \$ 240,470
<b>PI:</b> Elizabeth Cramer Educational and Psychological Studies <b>AWARDING SPONSOR:</b> Department of Education <b>TITLE:</b> <i>Project IMPRESS</i>	<b>AWARD:</b> \$ 200,000
<b>PI:</b> Diana Martinez Valle-Riestra Educational and Psychological Studies <b>AWARDING SPONSOR:</b> Office of Special Education Programs <b>TITLE:</b> <i>Project PEACE (Preparing Educators about Autism through Collaborative Efforts)</i>	<b>AWARD:</b> \$ 199,900
<b>PI:</b> Ophelia Weeks Biological Sciences <b>AWARDING SPONSOR:</b> National Institute of General Medical Sciences <b>TITLE:</b> <i>Florida International University MARC U*STAR Program</i>	<b>AWARD:</b> \$ 198,765
<b>PI:</b> Jerry F. Miller Applied Research Center <b>AWARDING SPONSOR:</b> United States Southern Command <b>TITLE:</b> <i>FIU &amp; USSOUTHCOM Academic Partnership</i>	<b>AWARD:</b> \$ 100,000
<b>PI:</b> Richard Bone Physics <b>AWARDING SPONSOR:</b> FIU Foundation <b>TITLE:</b> <i>Macular Pigment Research</i>	<b>AWARD:</b> \$ 100,000
<b>PI:</b> David Roelant Applied Research Center <b>AWARDING SPONSOR:</b> Department of Energy <b>TITLE:</b> <i>Subproject: ARC FY 06 Project 1.0</i>	<b>AWARD:</b> \$ 93,649

**PI:** Steven Oberbauer  
 Biological Sciences  
**AWARDING SPONSOR:** Duke University  
**TITLE:** *Response of Carbon Dioxide, Water, and Energy Exchange of Peat and Marl Wetlands in the Florida Everglades to changes in Hydroperiod*      **AWARD:** \$ 52,740

**PI:** Albert Gan  
 Civil and Environmental Engineering  
**AWARDING SPONSOR:** Florida Department of Transportation/District Six  
**TITLE:** *ITS Technical and Research Support #11*      **AWARD:** \$ 50,000

**PI:** Sofia Santiesteban  
 Pre-Collegiate Programs and Grants  
**AWARDING SPONSOR:** College Board, Florida Partnership  
**TITLE:** *2009 College Board Florida Partnership for Minority and Underrepresented Student Achievement*      **AWARD:** \$ 49,943

**PI:** Krish Jayachandran  
 Environmental Studies  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** *Discovery, Development and Evaluation of Native Microbial Control Agents for Managing Invasive Old World Climbing Fern (Lygodium Microphyllum) in the South Florida Natural Areas*      **AWARD:** \$ 49,500

**PI:** Anthony DeCaprio  
 Chemistry  
**AWARDING SPONSOR:** Montefiore Medical Center  
**TITLE:** *Molecular Mechanisms of Hexacarbon Induced Axon Atrophy*      **AWARD:** \$ 44,881

**PI:** Joseph Boyer  
 Southeast Environmental Research Center  
**AWARDING SPONSOR:** Government of Bermuda, Conservation Services  
**TITLE:** *Subproject: Water Quality Monitoring Program for Bermuda's Coastal Resources*      **AWARD:** \$ 38,978

**PI:** Kimberly Bergen  
 The Wolfsonian  
**AWARDING SPONSOR:** Institute of Museum & Library Services  
**TITLE:** *The Wolfsonian Conservation Project Support – General Survey*      **AWARD:** \$ 34,718

**PI:** Yong Cai  
 Southeast Environmental Research Center  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** *Arsenic-Induced Apoptosis in Myeloma*      **AWARD:** \$ 32,820

**PI:** Misak Sargsian  
 Physics  
**AWARDING SPONSOR:** Department of Energy  
**TITLE:** *Theoretical Studies of High Energy Electron-Nuclear Processes*      **AWARD:** \$ 29,502

**PI:** Laird Kramer

Physics

**AWARDING SPONSOR:** University of Notre Dame

**TITLE:** *The FIU QuarkNet Project*

**AWARD:** \$ 28,740