

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

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Florida International University researchers were awarded **\$8,151,649** in March 2009. Listed below is a summary of awards received for *\$20,000 or more* during the month of March.

**PI:** Luis Salas  
Center for Administration of Justice  
**AWARDING SPONSOR:** United States Agency for International Development  
**TITLE:** *Colombia Justice Reform and Modernization Program* **AWARD:** \$ 3,632,856

**PI:** Maria Fernandez  
Department of Curriculum and Instruction  
**AWARDING SPONSOR:** University of South Florida  
**TITLE:** *FL Promise at FIU* **AWARD:** \$ 492,300

**PI:** Fernando Noriega  
Biological Sciences  
**AWARDING SPONSOR:** National Institute of of Allergy and Infectious Deiseases  
**TITLE:** *Regulation of Juvenile Hormone Titers in Mosquitoes* **AWARD:** \$ 353,858

**PI:** Manuel Barbieri  
Biological Sciences  
**AWARDING SPONSOR:** National Institutes of General Medical Sciences  
**TITLE:** *Intracellular Receptor Trafficking* **AWARD:** \$ 265,058

**PI:** Rene Herrera  
Medicine Dean's Office  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** *Tissue Specific and Developmental Expression of snRNA Variants in the Silk Moth* **AWARD:** \$ 252,000

**PI:** David Roelant  
Applied Research Center  
**AWARDING SPONSOR:** Department of Energy  
**TITLE:** *ARC FY 06 Project 1.0* **AWARD:** \$ 250,000

**PI:** David Roelant  
Applied Research Center  
**AWARDING SPONSOR:** Department of Energy  
**TITLE:** *Subproject: ARC FY 06 Project 4.0* **AWARD:** \$ 250,000

**PI:** David Roelant  
Applied Research Center  
**AWARDING SPONSOR:** Department of Energy  
**TITLE:** *Subproject: ARC FY Project 1.0* **AWARD:** \$ 250,000

<p><b>PI:</b> Timothy Collins  Biological Sciences  <b>AWARDING SPONSOR:</b> National Science Foundation  <b>TITLE:</b> <i>Collaborative Research: REVSYS: Worm-Snails Revised (Mollusca: Gastropoda)</i></p>	<p><b>AWARD:</b> \$ 225,000</p>
<p><b>PI:</b> Albert Gan  Civil and Environmental Engineering  <b>AWARDING SPONSOR:</b> Florida Department of Transportation  <b>TITLE:</b> <i>Development of FTIS Versions 2009 and 2010</i></p>	<p><b>AWARD:</b> \$ 210,000</p>
<p><b>PI:</b> Michael Heithaus  Biological Sciences  <b>AWARDING SPONSOR:</b> National Science Foundation  <b>TITLE:</b> <i>CAREER: Does Predator Intimidation Help Structure a Pristine Seagrass Community through Multiple Indirect Pathways?</i></p>	<p><b>AWARD:</b> \$ 182,381</p>
<p><b>PI:</b> David Roelant  Applied Research Center  <b>AWARDING SPONSOR:</b> Department of Energy  <b>TITLE:</b> <i>Subproject: ARC FY 06 Project 3.0</i></p>	<p><b>AWARD:</b> \$ 175,000</p>
<p><b>PI:</b> Robert Lickliter  Psychology  <b>AWARDING SPONSOR:</b> National Institute of Child Health and Human Development  <b>TITLE:</b> <i>Perinatal Determinants of Intersensory Perception</i></p>	<p><b>AWARD:</b> \$ 168,348</p>
<p><b>PI:</b> Richard Palmer  Health Promotion and Disease Prevention  <b>AWARDING SPONSOR:</b> Health Foundation of South Florida  <b>TITLE:</b> <i>Healthy Aging Regional Collaborative</i></p>	<p><b>AWARD:</b> \$ 148,391</p>
<p><b>PI:</b> Caroline Simpson  Physics  <b>AWARDING SPONSOR:</b> National Science Foundation  <b>TITLE:</b> <i>Collaborative Research: Star Formation in Subcritical Environments</i></p>	<p><b>AWARD:</b> \$ 102,273</p>
<p><b>PI:</b> Kia Makki  Industrial and Systems Engineering  <b>AWARDING SPONSOR:</b> Department of Defense/Special Operations Command  <b>TITLE:</b> <i>Providing Secure Communication for Mobile Ad Hoc Networks</i></p>	<p><b>AWARD:</b> \$ 100,000</p>
<p><b>PI:</b> Arindam Gan Chowdhury  Civil and Environmental Engineering  <b>AWARDING SPONSOR:</b> University of Florida  <b>TITLE:</b> <i>Full-Scale Simulation of Hurricane Effects on Residential Building Envelopes to Reduce Hurricane Induced Losses</i></p>	<p><b>AWARD:</b> \$ 80,000</p>

<b>PI:</b> David Roelant Applied Research Center <b>AWARDING SPONSOR:</b> Department of Energy <b>TITLE:</b> <i>Subproject: ARC FY 06 Project 2.0</i>	<b>AWARD:</b> \$ 75,000
<b>PI:</b> Jennifer Fu University Libraries <b>AWARDING SPONSOR:</b> Broward County, Metropolitan Planning Organization <b>TITLE:</b> <i>Bicycle Knowledge Explorer for Broward County (BIKE)</i>	<b>AWARD:</b> \$ 70,000
<b>PI:</b> Richard Burton Applied Research Center <b>AWARDING SPONSOR:</b> Honeywell Aerospace <b>TITLE:</b> <i>Honeywell - CPI</i>	<b>AWARD:</b> \$ 68,185
<b>PI:</b> Arindam Gan Chowdhury Civil and Environmental Engineering <b>AWARDING SPONSOR:</b> University of Florida <b>TITLE:</b> <i>Development of a Novel Load Transfer Mechanism to Reduce Hurricane Induced Failures in New and Existing Residential Construction</i>	<b>AWARD:</b> \$ 66,000
<b>PI:</b> Gail Gregg Department of Curriculum and Instruction <b>AWARDING SPONSOR:</b> Early Learning Coalition of Miami Dade and Monroe <b>TITLE:</b> <i>QRIS Quality Rating Improvement System Program</i>	<b>AWARD:</b> \$ 65,783
<b>PI:</b> Shaoming Cheng Department of Public Administration <b>AWARDING SPONSOR:</b> West Virginia University <b>TITLE:</b> <i>Collaborative Research: Evaluation without Bias: New Performance Measures for Business Incubators in Rural America</i>	<b>AWARD:</b> \$ 61,115
<b>PI:</b> Rita Mukhopadhyay Medicine Dean's Office <b>AWARDING SPONSOR:</b> National Institute of Allergy and Infectious Diseases <b>TITLE:</b> <i>Metalloid Transport and Drug Resistance Leishmania</i>	<b>AWARD:</b> \$ 60,438
<b>PI:</b> Maria Logrono Latin and Caribbean Center <b>AWARDING SPONSOR:</b> Social Science Research Council <b>TITLE:</b> <i>Islam in Latin America</i>	<b>AWARD:</b> \$ 53,147
<b>PI:</b> Karen Fuller School of Music <b>AWARDING SPONSOR:</b> Department of Cultural Affairs <b>TITLE:</b> <i>FIU Festival Series</i>	<b>AWARD:</b> \$ 52,075

<b>PI:</b> Allan Richards Department of Journalism and Broacasting <b>AWARDING SPONSOR:</b> Scripps Howard Foundation <b>TITLE:</b> <i>The SJMC Writing Center</i>	<b>AWARD: \$</b> 50,000
<b>PI:</b> Tiffany Troxler-Gann Southeast Environmental Research Center <b>AWARDING SPONSOR:</b> South Florida Water Management District <b>TITLE:</b> <i>Data Synthesis and Refinement of Tree Island Nutrient Budgets</i>	<b>AWARD: \$</b> 49,975
<b>PI:</b> James Fourqurean Southeast Environmental Research Center <b>AWARDING SPONSOR:</b> Florida Sea Grant College Program <b>TITLE:</b> <i>Projected Reorganization of Seagrass Communities in Response to Altered Freshwater Flow</i>	<b>AWARD: \$</b> 48,157
<b>PI:</b> Michael Ross Southeast Environmental Research Center <b>AWARDING SPONSOR:</b> National Park Service <b>TITLE:</b> <i>Subproject: Tree Islands in Everglades Landscapes: Current Status, Historical Changes, and Hydrologic Impacts on Population Dynamics and Moisture Relations</i>	<b>AWARD: \$</b> 45,626
<b>PI:</b> Edward Murray Metropolitan Center <b>AWARDING SPONSOR:</b> Florida Redevelopment Association <b>TITLE:</b> <i>The Impact of Community Redevelopment Agency Activities on the Florida Economy</i>	<b>AWARD: \$</b> 38,500
<b>PI:</b> Dario Moreno Metropolitan Center <b>AWARDING SPONSOR:</b> Miami-Dade county Government Information Center <b>TITLE:</b> <i>311 Quality Assurance II</i>	<b>AWARD: \$</b> 26,910
<b>PI:</b> Margaret Maisel Clinical Programs <b>AWARDING SPONSOR:</b> Florida Bar Foundation <b>TITLE:</b> <i>Law School Civil Clinic Grants</i>	<b>AWARD: \$</b> 25,000
<b>PI:</b> Amaury Caballero Electrical and Computer Engineering <b>AWARDING SPONSOR:</b> Miami-Dade County Public School System <b>TITLE:</b> <i>Electrical Wiring Program for Severely Emotionally Disturbed Students</i>	<b>AWARD: \$</b> 24,152

**PI:** Rene Price

Earth Sciences

**AWARDING SPONSOR:** South Florida Water Management District

**TITLE:** *Characterization and Identification of Source Waters Contributing to Groundwater and Surface Waters in the Vicinity of the Florida Power and Light, Turkey Point Cooling Canal System, South Miami-Dade, Florida*

**AWARD:** \$ 21,307

**PI:** Evelyn Gaiser

Biological Sciences

**AWARDING SPONSOR:** Everglades Foundation

**TITLE:** *Dynamics of Ecosystem Metabolism, Flocculent Detrital Source and Transport*

**AWARD:** \$ 20,000