

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

Florida International University researchers were awarded **\$4,521,797** in April 2008. Listed below is a summary of awards received for *\$20,000 or more* during the month of April.

PI: David Roelant
Applied Research Center
AWARDING SPONSOR: Department of Energy
TITLE: *ARC FY 06 Project 1.0* **AWARD:** \$ 1,570,958

PI: David Roelant
Applied Research Center
AWARDING SPONSOR: Department of Energy
TITLE: *Subproject: ARC FY 06 Project 3.0* **AWARD:** \$ 546,420

PI: Fernando Noriega
Biological Sciences
AWARDING SPONSOR: National Institute of Allergy and Infectious Diseases
TITLE: *Regulation of Juvenile Hormone Titters in Mosquitoes* **AWARD:** \$ 343,243

PI: David Roelant
Applied Research Center
AWARDING SPONSOR: Department of Energy
TITLE: *Subproject: ARC FY 06 Project 4.0* **AWARD:** \$ 341,513

PI: David Roelant
Applied Research Center
AWARDING SPONSOR: Department of Energy
TITLE: *Subproject: ARC FY 06 Project 2.0* **AWARD:** \$ 273,210

PI: Joel Trexler
Southeast Environmental Research Center
AWARDING SPONSOR: South Florida Water Management District
TITLE: *Aquatic Fauna and Periphyton Production Data Collection* **AWARD:** \$ 206,714

PI: Robert Lickliter
Psychology
AWARDING SPONSOR: National Institute of Child Health and Human Development
TITLE: *Perinatal Determinants of Intersensory Perception* **AWARD:** \$ 168,622

PI: Wei-Chiang Lin
Biomedical Engineering
AWARDING SPONSOR: Miami Children's Hospital
TITLE: *Optimizing Pediatric Brain Tumor Surgery through Optical Spectroscopy to Enhance Survival and Quality of Life* **AWARD:** \$ 157,739

PI: Richard Olson
 Political Science
AWARDING SPONSOR: United States Agency for International Development
TITLE: *Phase II of an Assessment of Risk Management in LAC Region Higher Education: A Strategic Plan for Improvement* **AWARD:** \$ 112,331

PI: Julio Ibarra
 Telecommunications
AWARDING SPONSOR: National Science Foundation
TITLE: *WHREN: Increasing the Rate of Discovery and Enhancing Across the Americas* **AWARD:** \$ 100,000

PI: Arindam Gan Chowdhury
 Civil and Environmental Engineering
AWARDING SPONSOR: University of Florida
TITLE: *Full-Scale Simulation of Hurricane Effects on Residential Building Envelopes to Reduce Hurricane-Induced Losses* **AWARD:** \$ 80,000

PI: Albert Gan
 Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation, District Six
TITLE: *ITS Technical and Research Support #6* **AWARD:** \$ 75,000

PI: Michael Ross
 Southeast Environmental Research Center
AWARDING SPONSOR: National Park Service
TITLE: *Marl Prairie/Slough Gradients: Monitoring Conducted as Part of the CERP Monitoring & Assessment plan, Activity Number: 3.1.3.5* **AWARD:** \$ 73,658

PI: Arindam Gan Chowdhury
 Civil and Environmental Engineering
AWARDING SPONSOR: University of Florida
TITLE: *Development of a Novel Load Transfer Mechanism to Reduce Hurricane-Induced Failures in New and Existing Residential Construction* **AWARD:** \$ 66,000

PI: Vish Prasad
 Engineering Dean's Office
AWARDING SPONSOR: FIU Foundation
TITLE: *Miami Children's Hospital Professorship in Neuro-Engineering* **AWARD:** \$ 52,168

PI: James Fourqurean
 Southeast Environmental Research Center
AWARDING SPONSOR: Florida Sea Grant College Program
TITLE: *Projected Reorganization of Seagrass Communities in Response to Altered Freshwater Flow* **AWARD:** \$ 48,098

PI: James Fourqurean
 Southeast Environmental Research Center
AWARDING SPONSOR: National Park Service
TITLE: *Design and Implementation of Monitoring of Seagrass Restoration Projects in Biscayne National Park* **AWARD:** \$ 44,537

PI: Bruce Nissen
 Center for Labor Research and Studies
AWARDING SPONSOR: Unitarian Universalist Veatch Program at Shelter Rock
TITLE: *Research on Issues of Social & Economic Policy* **AWARD:** \$ 40,000

PI: Jennifer FU
 University Libraries
AWARDING SPONSOR: Broward County, Metropolitan Planning Organization
TITLE: *Bicycle Knowledge Explorer for Broward County (BiKE)* **AWARD:** \$ 40,000

PI: Suzanna Rose
 Psychology
AWARDING SPONSOR: The Children's Trust
TITLE: *PAT4YOU* **AWARD:** \$ 36,643

PI: Lorraine E. Bahrck
 Psychology
AWARDING SPONSOR: University of Miami
TITLE: *Intersensory Perception of Children with Autism and Typically Developing Children* **AWARD:** \$ 33,000

PI: Javier Francisco-Ortega
 Biological Sciences
AWARDING SPONSOR: Fairchild Tropical Gardens
TITLE: *Using Molecular Markers to Establish Management Criteria In a Botanical Garden* **AWARD:** \$ 28,287

PI: Vanessa Brito
 Metropolitan Center
AWARDING SPONSOR: Miami-Dade Expressway Authority
TITLE: *Public Opinion: Open Road Tolling (ORT)* **AWARD:** \$ 22,000