

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

Florida International University researchers were awarded **\$4,210,023** in May 2008. Listed below is a summary of awards received for *\$20,000 or more* during the month of May.

PI: Henry Briceno
Southeast Environmental Research Center
AWARDING SPONSOR: National Park Service
TITLE: *Ecological Impacts on Biscayne National Park from Proposed South Miami-Dade Development* **AWARD:** \$ 385,000

PI: Nikki Pissinou
Telecommunications & Information Technology Institute
AWARDING SPONSOR: Department of Homeland Security
TITLE: *Secure and Trusted Context Aware Adaptable Sensors Networks* **AWARD:** \$ 379,866

PI: Sofia Santiesteban
Upward Bound Program
AWARDING SPONSOR: Department of Education
TITLE: *Upward Bound Program* **AWARD:** \$ 338,943

PI: Rene Herrera
Biological Sciences
AWARDING SPONSOR: National Institutes of Health
TITLE: *Tissue Specific and Developmental Expression of snRNA Variants in the Silk Moth* **AWARD:** \$ 280,000

PI: Sharon Pontious
School of Nursing
AWARDING SPONSOR: Health Resources and Services Administration
TITLE: *Post-Master's Certificate in Nursing Education* **AWARD:** \$ 251,153

PI: Xiaowen Liu
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *CAREER: Immersive Large-Scale Network Simulations* **AWARD:** \$ 203,319

PI: Ophelia Weeks
Biological Sciences
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *Florida International University MARC U*STAR Program* **AWARD:** \$ 198,066

PI: David Cohen
 School of Social Work
AWARDING SPONSOR: State of Oregon Department of Justice
TITLE: *Critical Skills Curriculum on Psychotropic Medications* **AWARD:** \$ 177,834

PI: Chunlei Wang
 Mechanical and Materials Engineering
AWARDING SPONSOR: Defense Advanced Research Projects Agency
TITLE: *Fabrication of Nano Fractal Electrodes for On-Chip Supercapacitors* **AWARD:** \$ 150,000

PI: Daniel Childers
 Southeast Environmental Research Center
AWARDING SPONSOR: National Park Service
TITLE: *Monitoring for Potential Water Quality Impacts Along the E Boundary of ENP* **AWARD:** \$ 141,433

PI: Osama Mohammed
 Electrical and Computer Engineering
AWARDING SPONSOR: Office of Naval Research
TITLE: *Pulse Load High Energy Transient Analysis* **AWARD:** \$ 138,000

PI: Michael Ross
 Southeast Environmental Research Center
AWARDING SPONSOR: United States Army Corp of Engineers
TITLE: *Cape Sable Seaside Sparrow Monitoring and Assessment Plan 2008-2012* **AWARD:** \$ 136,872

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:** \$ 125,470

PI: Laurel Collins
 Earth Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *Legacy Database of the Panama Paleontology Project* **AWARD:** \$ 115,258

PI: Susan R. Jay
 College of Continuing and Professional Studies
AWARDING SPONSOR: The Bernard Osher Foundation
TITLE: *Osher Lifelong Learning Institute* **AWARD:** \$ 100,000

PI: James Fourqurean
 Southeast Environmental Research Center
AWARDING SPONSOR: Environmental Protection Agency
TITLE: *Seagrass Monitoring in the Florida Keys National Marine Sanctuary – FY 2003* **AWARD:** \$ 99,945

PI: Dwayne McDaniel
 Applied Research Center
AWARDING SPONSOR: The Federal Aviation Administration
TITLE: *Identification and Validation of Analytical Chemistry Methods for Detecting Composite Surface Contamination and Water Moisture* **AWARD:** \$ 96,498

PI: David Chatfield
 Chemistry
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *Chloroperoxidase Catalytic Mechanisms* **AWARD:** \$ 95,400

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:** \$ 79,000

PI: Hugh Gladwin
 Institute for Public Opinion Research
AWARDING SPONSOR: University of South Florida
TITLE: *Telephone Survey for Immigrant Transnationalism and Modes of Incorporation* **AWARD:** \$ 70,006

PI: Fernando Miralles-Wilhelm
 Civil and Environmental Engineering
AWARDING SPONSOR: University of Miami
TITLE: *Antigua and Barbuda Coastal and Marine Ecosystem Management Plan* **AWARD:** \$ 64,500

PI: Shu-Ching Chen
 School of Computing and Information Sciences
AWARDING SPONSOR: San Diego State University
TITLE: *A Cognitive KASER Decision Support System* **AWARD:** \$ 60,619

PI: Tim Hossler
 The Wolfsonian
AWARDING SPONSOR: Funding Arts Network
TITLE: *Thoughts on Democracy: Reinterpreting Rockwell's "Four Freedoms" Posters* **AWARD:** \$ 50,000

PI: Leonard Scinto
Southeast Environmental Research Center
AWARDING SPONSOR: South Florida Water Management District
TITLE: *Development of a Spatially Explicit Water Velocity Data Set For LILA* **AWARD:** \$ 49,875

PI: Michael Ross
Southeast Environmental Research Center
AWARDING SPONSOR: South Florida Water Management District
TITLE: *Landscape Pattern – Marie Prairie / Slough Gradients* **AWARD:** \$ 49,750

PI: Jennifer Richards
Biological Sciences
AWARDING SPONSOR: South Florida Water Management District
TITLE: *Determining Plant Community Depth and Hydroperiod Optima and Tolerances* **AWARD:** \$ 49,000

PI: Sarah Mahler
Center for Transnational & Comparative Studies
AWARDING SPONSOR: Jay Malina International Trade Consortium
TITLE: *Service Agreement for International Trade Promotion & Workforce Education and Training* **AWARD:** \$ 39,997

PI: Michael Ross
Southeast Environmental Research Center
AWARDING SPONSOR: Southwest Florida Water Management District
TITLE: *Monitoring of Tree Island Conditions in the Southern Everglades* **AWARD:** \$ 39,567

PI: Magalie Desroches Austin
Law Dean’s Office
AWARDING SPONSOR: Florida Bar Foundation
TITLE: *Public Service Fellows Program* **AWARD:** \$ 32,000

PI: Mohammed Hadi
Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation/District Four
TITLE: *Optimization of Service Patrol Parameters* **AWARD:** \$ 30,008

PI: Jennifer Fu
University Libraries
AWARDING SPONSOR: Metropolitan Planning Organization
TITLE: *Integrated Transportation Information System for Community Characteristic Program (MPO)* **AWARD:** \$ 24,159

PI: Craig Layman

Marine Biology

AWARDING SPONSOR: South Florida Water Management District

TITLE: *Monitoring Snook Movement Patterns in the Loxahatchee River System*

AWARD: \$ 20,000