

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

Florida International University researchers were awarded **\$7,323,504** in March 2008. 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: *Columbia Justice Reform and Modernization Program* **AWARD:** \$ 4,250,000

PI: Joerge Reinhold

Physics

AWARDING SPONSOR: Office of Nuclear Energy, Science and Technology

TITLE: *Nuclear Physics Research at Jefferson Lab* **AWARD:** \$ 397,544

PI: Lorraine E. Bahrick

Psychology

AWARDING SPONSOR: National Institute of Child Health and Human development

TITLE: *Development of Intermodal Perception of Social Events: Infancy to Childhood* **AWARD:**\$ 333,050

PI: Alexander Lichtenstein

History

AWARDING SPONSOR: Miami-Dade County Public School System

TITLE: *Teaching American History* **AWARD:** \$ 249,965

PI: Juan Antonio Bueno

College of Architecture and the Arts

AWARDING SPONSOR: Department of Cultural Affairs

TITLE: *Major Cultural Institutions Grants Program* **AWARD:** \$ 152,732

PI: Girma Bitsuamlak

Civil and Environmental Engineering

AWARDING SPONSOR: Division of Emergency Management

TITLE: *Subproject: Hurricane Loss Reduction (RCMP)* **AWARD:** \$ 150,000

PI: Joel Trexler

Southeast Environmental Research Center

AWARDING SPONSOR: South Florida Water Management District

TITLE: *Aquatic Fauna and Periphyton Production Data Collection* **AWARD:** \$ 142,489

PI: Michael Heithaus
Biological Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *CAREER: Does Predator Intimidation Help Structure a Pristine Seagrass Community through Multiple Indirect Pathways?* **AWARD:** \$ 141,433

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:** \$ 134,824

PI: Dario Moreno
Metropolitan Research Center
AWARDING SPONSOR: City of Miami
TITLE: *City of Miami EITC Outreach Campaign Continuation* **AWARD:** \$ 122,335

PI: Wendy K. Silverman
Psychology
AWARDING SPONSOR: National Institute of Mental Health
TITLE: *Psychosocial Mediation Trials and Minority Trainees* **AWARD:** \$ 117,334

PI: Malek Adjouadi
Electrical and Computer Engineering
AWARDING SPONSOR: University of Texas at El Paso
TITLE: *BPC-A: The Computing Alliance of Hispanic-Serving Institutions* **AWARD:** \$ 104,153

PI: Caroline Simpson
Physics
AWARDING SPONSOR: National Science Foundation
TITLE: *Collaborative Research: Star Formation in Subcritical Environments* **AWARD:** \$ 103,133

PI: Jiandi Zhang
Physics
AWARDING SPONSOR: National Science Foundation
TITLE: *New Phases at Surfaces and Interfaces of Transition-Metal Oxides* **AWARD:** \$ 94,447

PI: John Landrum
Chemistry
AWARDING SPONSOR: Four Leaf Japan Co., Ltd.
TITLE: *Industrial Organica/Four Leaf Bioavailability Study* **AWARD:** \$ 83,384

PI: Rajamani Narayanan
 Physics
AWARDING SPONSOR: National Science Foundation
TITLE: *Lattice Field Theory and Hadronic Physics* **AWARD:** \$ 83,018

PI: Kathleen S. Rein
 Chemistry
AWARDING SPONSOR: University of Miami
TITLE: *Oceans and Human Health Toxic Algae Facility Core* **AWARD:** \$ 78,381

PI: Misak Sargsian
 Physics
AWARDING SPONSOR: Department of Energy
TITLE: *Theoretical Studies of High Energy Electron-Nuclear Processes* **AWARD:** \$ 67,000

PI: Joseph Boyer
 Southeast Environmental Research Center
AWARDING SPONSOR: Florida Department of Environmental Protection
TITLE: *Water Quality Sampling Program for the Little Venice Sewage Collection and Treatment Project* **AWARD:** \$ 66,651

PI: Yong Cai
 Southeast Environmental Research Center
AWARDING SPONSOR: Department of Energy
TITLE: *Subproject: ARC FY 06 Project 1.0* **AWARD:** \$ 58,741

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:** \$ 37,650

PI: Todd Lajeunesse
 Biological Sciences
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Subproject: Advanced Research Cooperation in Environmental Health (ARCH) – Pilot I Sub* **AWARD:** \$ 36,502

PI: Jennifer Fu
 University Libraries
AWARDING SPONSOR: Miami-Dade County Metropolitan Planning Organization
TITLE: *Subproject: Metropolitan Planning Organization Community Characteristics Project* **AWARD:** \$ 36,500

PI: Michael Sukop
Earth Sciences
AWARDING SPONSOR: United States Geological Survey
TITLE: *Lattice Boltzmann Measurement of Borehole-Scale Hydraulic Conductivity of Biscayne Aquifer Materials* **AWARD:** \$ 35,000

PI: Nakin Suksawang
Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation
TITLE: *Safe-Up Remedial Action for Failed Pole/Base Plate Weld on High Mast Lighting Pole (HMLP)* **AWARD:** \$ 30,000

PI: Richard Burton
Applied Research Center
AWARDING SPONSOR: Science Applications International Corporation
TITLE: *SAIC – Wood Consulting Support Services* **AWARD:** \$ 29,360

PI: Kathleen S. Rein
Chemistry
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Subproject: Advanced Research Cooperation in Environmental Health (ARCH) – Pilot V* **AWARD:** \$ 27,762

PI: Ellen Brown
School of Nursing
AWARDING SPONSOR: Stein Gerontological Institute
TITLE: *Education and Research Services at MJHH* **AWARD:** \$ 25,500

PI: Bruce Nissen
Center for Labor Research and Studies
AWARDING SPONSOR: New World Foundation
TITLE: *Research on Social and Economic Policy* **AWARD:** \$ 25,000