

**FLORIDA INTERNATIONAL UNIVERSITY DIVISION OF RESEARCH
OFFICE OF SPONSORED RESEARCH
JUNE 2006 AWARDS OVERVIEW**

Florida International University researchers were awarded **\$13,097,769** in June 2006. Listed below is a summary of new grants awarded over \$50,000 during the month of June.

PI: Michael Ross
Southeast Environmental Research Center (SERC)
AWARDING SPONSOR: Department of the Interior/National Park Service
TITLE: *Effects of hydrologic restoration on habitat of the Cape Sable Seaside Sparrow.*
AWARD: \$198,448

PI: Michael Ross
Southeast Environmental Research Center (SERC)
AWARDING SPONSOR: Department of the Interior/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: \$66,876

PI: Naphtali D Rische
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *Infrastructure for Research and Training in Database Management for Web-based Geospatial Data Visualization with Applications to Aviation.*
AWARD: \$300,000

PI: Leung Kim
Biological Sciences
AWARDING SPONSOR: American Heart Association
TITLE: *Regulation of the prestimulus level of phosphatidylinositol – 3,4,5-triphosphate (PIP3) by Glycogen Synthase Kinase 3 (GSK3).*
AWARD: \$60,000

PI: John Stack
Jack D. Gordon Institute for Public Policy and Citizenship
AWARDING SPONSOR: United States Intelligence Community
TITLE: *A Center for Academic Excellence in Intelligence Studies.*
AWARD: \$58,351

PI: Edward Glab
Management and International Business
AWARDING SPONSOR: Winrock International
TITLE: *John Ogonowski Farmer-to-Farmer (FTF) Program.*
AWARD: \$250,090

PI: Naphtali D Rische
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *Infrastructure for Research and Training in Database Management for Web-based Geospatial Data Visualization with Applications to Aviation.*
AWARD: \$75,000

PI: Alexis McKenney
Health, Physical Education & Recreation Department
AWARDING SPONSOR: The Children's Trust
TITLE: *Urban Success II 2006-2007* **AWARD:** \$93,082

PI: Jean Mead
Communication Sciences & Disorders
AWARDING SPONSOR: Miami-Dade County/Public School System
TITLE: *Speech Language Pathology Services 2005-2006* **AWARD:** \$263,700

PI: Joseph Boyer
Southeast Environmental Research Center (SERC)
AWARDING SPONSOR: Department of Commerce/National Oceanic & Atmospheric Administration
TITLE: *Volume Transport and Nutrient Loading to Florida Bay through Flamingo Channel.* **AWARD:** \$124,000

PI: George Philippidis
Applied Research Center (ARC)
AWARDING SPONSOR: Department of Energy
TITLE: Photobiological Hydrogen Research at FIU **AWARD:** \$112,811

PI: Anindra Mazumdar
Applied Research Center (ARC)
AWARDING SPONSOR: University of Central Florida
TITLE: *Improved Hydrogen Yields from Florida specific biomass gasification using a Pilot-Scale Gasification Unit* **AWARD:** \$103,853

PI: Eduardo Gamarra
Latin American and Caribbean Center (LACC)
AWARDING SPONSOR: Department of Education
TITLE: *Digital Library of the Caribbean* **AWARD:** \$115,000

PI: Eduardo Gamarra
Latin American and Caribbean Center (LACC)
AWARDING SPONSOR: University of Florida
TITLE: *Training: National Resource Centers & foreign Language and Area Studies Fellowships (FLAS Component).* **AWARD:** \$188,000

PI: Surendra Saxena
Mechanical and Materials Engineering
AWARD SPONSOR: Carneige/DOE Alliance Center
TITLE: *High Pressure Geophysics & Materials Science* **AWARD:** 64,999

PI: E. George Simms
Student Affairs
AWARD SPONSOR: Department of Education
TITLE: *FIU Ronald E. McNair Post baccalaureate Achievement Program*
AWARD: \$62,559

PI: Anthony J McGoron
Biomedical Engineering
AWARD SPONSOR: Florida Department of Health
TITLE: *A micro-fabricated in vivo bubble oxygenator for the treatment of induced severe pulmonary disease.*
AWARD: \$94,928

PI: Mary Ann Von Gilnow
Management and International Business
AWARD SPONSOR: Department of Education
TITLE: *Management and International Business*
AWARD: \$367,200

PI: Debra Danker
FIU- HRS Professional Development Center
AWARD SPONSOR: Our Kids of Miami-Dade, Inc.
TITLE: *District 11/Our Kids- Child Professional Certification and Continued Staff Development.*
AWARD: \$56,387

PI: Leonard Scinto
Southeast Environment Research Center (SERC)
AWARD SPONSOR: South Florida Water Management District (SFWMD)
TITLE: *Baseline soil characterization of the Nubin Slough pilot storm water treatment areas in LO wss*
AWARD: \$88,195

PI: Christopher Grau
Philosophy
AWARD SPONSOR: University of North Carolina
TITLE: *Philosophy in the Humanities*
AWARD: \$86,435

PI: Leonard Scinto
Southeast Environmental Research Center (SERC)
AWARD SPONSOR: Town of Miami Lakes
TITLE: *Philosophy in the Humanities*
AWARD: \$50,000

PI: Malek Adjouadi
Electrical and Computer Engineering
AWARD SPONSOR: University of Texas at El Paso
TITLE: *BPC-A: The computing Alliance of Hispanic-Serving Institutions.*
AWARD: \$96,571

PI: Roberto Panepucci
Electrical and Computing Engineering
AWARD SPONSOR: Department of Defense/Air Force Office of Scientific Research
TITLE: *Subproject for Institution #6550 (Bio/Nano Electronic Devices and Sensors)*
AWARD: \$168,425

PI: Sakhrat Khizroev
Electrical and Computer Engineering
AWARD SPONSOR: Department of Defense/ Air Force Office of Scientific Research
TITLE: *Subproject for Institution #6550 (Bio/ Nano Electronic Devices and Sensors)*
AWARD: \$297,752

PI: W. Kinzy Jones
Mechanical and Materials Engineering
AWARD SPONSOR: Department of Defense/ Air Force Office of Scientific Research
TITLE: *Bio/ Nano Electronic Devices and Sensors*
AWARD: \$214,084

PI: Surendra Saxena
Mechanical and Materials Engineering
AWARD SPONSOR: Department of Defense/ Air Force Office of Scientific Research
TITLE: *Subproject for Institution # 6550 (Bio/nano Electronic Devices and Sensors)*
AWARD: \$322,768

PI: Wong Bong Choi
Mechanical and Materials Engineering
AWARD SPONSOR: Department of Defense/ Air Force Office of Scientific Research
TITLE: *Subproject for Institution # 6550*
AWARD: \$404,838

PI: Maria-Rosa Drake
University Technology Services
AWARD SPONSOR: University of Central Florida
TITLE: *Emergency Communication and Alert Equipment for State University System of Florida*
AWARD: \$50,000

PI: Daniel Childers
Southeast Environmental Research Center (SERC)
AWARD SPONSOR: National Science Foundation
TITLE: *LTER COERCE: Coastal Oligotrophic Ecosystems Research, the Coastal Everglades. Regional Controls of Population and Ecosystem Dynamids in an Aligotrophic Wetland-Dominated Coastal Landscape*
AWARD: \$379,197

PI: Yong Cai
Southeast Environmental Research Center (SERC)
AWARD SPONSOR: Department of Health & Human Services/ National Institutes of Health
TITLE: *Subproject Main Project ID# 124401529* **AWARD:** \$79,964

PI: Rajiv Srivastava
Applied Research Center (ARC)
AWARD SPONSOR: Engine Systems, Inc. (ESI)
TITLE: *Engineering & Analytical Support to Engine Systems, Inc* **AWARD:** \$50,000

PI: Julio Garcia
Student Affairs
AWARD SPONSOR: FIU Foundation
TITLE: *The Johnson Scholarship Foundation Career Services Program (JSFCSP)*
AWARD: \$100,000

PI: Hugh Gladwin
Institute for Public Opinion Research (IPOR)
AWARD SPONSOR: National Science Foundation
TITLE: *Effects on Hurricane Katrina on evacuation intent: A Panel Study*
AWARD: \$97,733

PI: Awilda R Haskins
Physical Therapy
AWARD SPONSOR: Department of Health & Human Services/ Health Resources and Services
TITLE: *Scholarships for Disadvantages Students* **AWARD:** \$94,212

PI: Mario De La Rosa
School of Social Work
AWARD SPONSOR: Department of Health & Human Services/NIH/National Institute on Drug Abuse
TITLE: *Latino Minority Drug Abuse Research Center* **AWARD:** \$374,973

PI: Eric Wagner
School of Social Work
AWARD SPONSOR: Department of Health & Human Services
TITLE: *Brief Intervention for Minority Adolescent Drinkers* **AWARD:** \$441,098

PI: Christopher Rice
School of Social Work
AWARD SPONSOR: Department of Health & Human Services/NIH/National Institute on Alcohol Abuse
TITLE: *Predicting the Trajectory of Absence-Drinking Dyads* **AWARD:** \$137,198

PI: Marianna Baum
Dietetics and Nutrition
AWARD SPONSOR: Department of Health & Human Services/NIH/National Institute on Drug Abuse
TITLE: *HIV Disease, Drug Abuse and Nutrient Therapy in Botswana.*
AWARD: \$798,689

PI: Fatma Huffman
Dietetics and Nutrition
AWARD SPONSOR: Department of Health & Human Services/National Institute of Health
TITLE: *Subproject Account #124401529*
AWARD: \$155,538

PI: Marie-Luise Friedemann
Family and Community Health Nursing
AWARD SPONSOR: Department of Health & Human Services/National Institutes of Health
TITLE: *Subproject to Main Project ID #124401529 (Bigger)*
AWARD: \$203,086

PI: Marie-Luise Friedmann
Family and Community Health Nursing
AWARD SPONSOR: Department of Health & Human Services/ Health Resources and Services
TITLE: *Scholarships for Disadvantaged Students (Nursing-Graduate)*
AWARD: \$81,495

PI: Robert M Malow
Public Health
AWARD SPONSOR: Department of Health & Human Services/NIH/National Institute on Drug Abuse
TITLE: *HIV Prevention for Adolescents: Research to Practice*
AWARD: \$462,244

PI: Virginia McCoy
Public Health
AWARD SPONSOR: Department of Health & Human Services/NIH/National Institute on Drug Abuse
TITLE: *HIV Risk Reduction in Migrant Workers*
AWARD: \$600,505

PI: Deodutta Roy
Public Health
AWARD SPONSOR: Department of Defense /Army Research Office
TITLE: *Inhibition of estrogen-induced growth of breast cancer by targeting mitochondria*
AWARD: \$283,804

PI: Kathryn Anderson
School of Nursing
AWARD SPONSOR: Department of Health & Human Services/NIH/National Center on
Minority Health
TITLE: *Training in Chronic Illness Research in Florida and Europe* **AWARD:** \$228,041

PI: Dorothy Brooten
School of Nursing
AWARD SPONSOR: Department of Health & Human Services/National Institutes of
Health
TITLE: *Subproject to Main Project ID# 124401529 (Bigger)* **AWARD:** \$158,619

PI: Sande Garcia-Jones
School of Nursing
AWARD SPONSOR: Department of Health & Human Services
TITLE: *Student Education Needed in Order to Reduce Infection and Transmission of
AIDS/HIV and STD's* **AWARD:** \$70,000

PI: Elizabeth Cramer
Educational and Psychological Studies Department
AWARD SPONSOR: Department of Education/ Office of Special Education &
Rehabilitative Services
TITLE: *Secondary Accommodations for Educators: Partnership of Arts and Sciences,
Special and General Education* **AWARD:** \$200,000

PI: Maureen C Kenny
Educational and Psychological Studies Department
AWARD SPONSOR: The Children's Trust
TITLE: *Keeping kids safe* **AWARD:** \$268,157

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

PI: Osama Mohammed
Electrical and Computer Engineering
AWARD SPONSOR: Department of Defense/Office of Naval Research
TITLE: *Development of Simultaneous Simulation Tools of Dynamic Operation and
Physical Finite Element Models for Naval Machine System Integration* **AWARD:** \$78,766

PI: Malek Adjouadi
Electrical and Computer Engineering
AWARD SPONSOR: National Science Foundation
TITLE: *Hardware- Software Integration for the Design of Real-Time Prototypes Merging Assistive Technologies to Neuroscience* **AWARD:** \$235,518

PI: James Fourqurean
Southeast Environmental Research Center (SERC)
AWARD SPONSOR: Department of Health & Human Services/National Institutes of Health
TITLE: *Benthic Habitat Monitoring in the Florida Keys National Marine Sanctuary- FY2006* **AWARD:** \$152,822

PI: Charles Bigger
Biological Sciences
AWARD SPONSOR: Department of Health & Human Services/National Institutes of Health
TITLE: *MBRS Support of Continuous Research Excellence at FIU* **AWARD:** \$51,801

PI: Philip Stoddard
Biological Sciences
AWARD SPONSOR: Department of Health & Human Services/ National Institutes of Health
TITLE: *Subproject for Main Project ID# 124401529* **AWARD:** \$187,201

PI: Sylvia Smith
Biological Sciences
AWARD SPONSOR: Department of Health & Human Services/National Institutes of Health
TITLE: *Subproject to Main Project ID# 124401529 (Bigger)* **AWARD:** \$183,101

PI: Kalai Mathee
Biological Sciences
AWARD SPONSOR: Department of Health & Human Services/National Institutes of Health
TITLE: *Subproject to Main Project ID# 124401529 (Bigger)* **AWARD:** \$120,988

PI: Rene Herrera
Biological Sciences
AWARD SPONSOR: Department of Health & Human Services/National Institute of Health
TITLE: *Subproject to Main Project ID# 124401529 (Bigger)* **AWARD:** \$145,741

PI: Laurie Richardson
Biological Sciences
AWARD SPONSOR: Department of Health & Human Services/ National Institutes of Health
TITLE: *Subproject to Main Project ID# 124401529 (Bigger)* **AWARD:** \$147,781

PI: Rajamani Narayanan
Physics
AWARD SPONSOR: National Science Foundation
TITLE: *Lattice Field Theory and Hadronic Physics.* **AWARD:** \$79,405

PI: Suzanne Rose
Psychology
AWARD SPONSOR: The Children's Trust
TITLE: *Parents as Teachers (PAT) for Miami-Dade* **AWARD:** \$338,176

PI: Fenfei Leng
Chemistry
AWARD SPONSOR: Department of Health & Human Services/ National Institutes of Health
TITLE: *Subproject to Main Project ID #122401529 (Bigger)* **AWARD:** \$158,306

PI: Stanislaw Wnuk
Chemistry
AWARD SPONSOR: Department of Health & Human Services/ National Institutes of Health
TITLE: *Subproject to Main Project ID #122401529 (Bigger)* **AWARD:** \$81,786

PI: Konstantinos Kavallieratos
Chemistry
AWARD SPONSOR: Department of Health & Human Services/ National Institutes of Health
TITLE: *Subproject to Main Project ID #122401529* **AWARD:** \$92,775