

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

Florida International University researchers were awarded **\$5,371,693** in December 2006. Listed below is a summary of awards received for *\$50,000 or more* during the month of December.

PI: Joseph Boyer
Southeast Research Center (SERC)
AWARDING SPONSOR: National Science Foundation
TITLE: *Coastal Water Quality Monitoring Network* **AWARD:** \$ 666,291

PI: Julio Ibarra
Telecommunications
AWARDING SPONSOR: Fundacao de Amparo a Pesquisa do Estado de Sao Paulo
TITLE: *AMPATH MoU - FAPESP* **AWARD:** \$ 420,000

PI: Eric Wagner
School of Social Work
AWARDING SPONSOR: Department of Health & Human Services
TITLE: *Brief Intervention for Minority Adolescent Drinkers* **AWARD:** \$ 398,416

PI: Alexis McKenney
Health, Physical Education & Recreation
AWARDING SPONSOR: The Children's Trust
TITLE: *Urban Success II 2006-2007* **AWARD:** \$ 368,192

PI: Michael McClain
International Studies
AWARDING SPONSOR: USAID
TITLE: *Transboundary Water for Biodiversity in the Mara River Basin, Kenya and Tanzania* **AWARD:** \$ 363,000

PI: Bruce McCord
Chemistry
AWARDING SPONSOR: National Institutes of Justice
TITLE: *An investigation of the effect of DNA degradation and inhibition on PCR amplification of single source and mixed forensic samples* **AWARD:** \$ 347,399

PI: Jose Almirall
Chemistry
AWARDING SPONSOR: National Institutes of Justice
TITLE: *Field Detection of Drugs and Explosives by SPME-IMS* **AWARD:** \$ 249,446

PI: Wenzhi Li
Physics
AWARDING SPONSOR: Agiltron, Inc.
TITLE: *New Generation Hybrid Carbon/Ceramic Nanocomposites* **AWARD:** \$ 225,000

PI: Arindam Gan Chowdhury
International Hurrigan Research Center
AWARDING SPONSOR: Florida Department of Community Affairs
TITLE: *Hurricane Loss Reduction for Housing in Florida 06-07* **AWARD:** \$ 213,942

PI: Joel Trexler
Biological Sciences
AWARDING SPONSOR: South Florida Water Management District
TITLE: *Aquatic Fauna and Periphyton Production Data Collection* **AWARD:** \$ 172,723

PI: Stacy De La Grana
Frost Art Museum
AWARDING SPONSOR: Department of Cultural Affairs
TITLE: *Majors Cultural Institutions Grant* **AWARD:** \$ 170,691

PI: Julio Ibarra
Telecommunications
AWARDING SPONSOR: University of Puerto Rico
TITLE: *Internet2 GigaPOP University of Puerto Rico Connection Account* **AWARD:** \$ 150,000

PI: Evelyn Gaiser
Biological Sciences
AWARDING SPONSOR: South Florida Water Management District
TITLE: *Aquatic Fauna and Periphyton Production Data Collection* **AWARD:** \$ 118,144

PI: Michael Markham
Biological Sciences
AWARDING SPONSOR: National Institute of Mental Health
TITLE: *Ion Channels in Regulation of Excitable Membranes* **AWARD:** \$ 108,368

PI: Xudong He
School of Computing and Information Sciences
AWARDING SPONSOR: LS Optimal, Inc.
TITLE: *Distributed Flexible Resource Scheduling in Production Systems* **AWARD:** \$ 104,999

PI: Jennifer Richards
Biological Sciences
AWARDING SPONSOR: Department of the Interior
TITLE: *Monitoring, Modeling and Assessment of the Everglades Ecosystem: R_EMAP Phase III Planning-in supplement of the Comprehensive Everglades Restoration Program* **AWARD:** \$ 104,188

PI: Amir Mirmiran
Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Community Affairs
TITLE: *Hurricane Loss Reduction for Housing in Florida 06-07* **AWARD:** \$ 98,988

PI: James Fourquarean
Southeast Environmental Research Center
AWARDING SPONSOR: University of Miami
TITLE: *Antigua and Barbuda Coastal and Marine Ecosystem Management Program – Seagrass and Macroalgae Components* **AWARD:** \$ 95,236

PI: David Bray
Environmental Studies
AWARDING SPONSOR: Association Liaison Office for University Cooperation in Development
TITLE: *Community Forest Enterprises and Forest Ecosystem Conservation in Mexico: Building Human Capacity by Incorporating Master's Students and Expanding Faculty Ties in a Large-Scale Research Project* **AWARD:** \$ 92,821

PI: Alexander Mebel
Chemistry
AWARDING SPONSOR: Department of Energy
TITLE: *Theoretical Studies of Chemical Reactions Related to the Formation of Polyaromatic Hydrocarbons and of Spectroscopic Properties of their Key Intermediates using Ab Initio Molecular Orbital Calculations* **AWARD:** \$ 90,000

PI: Kate S. Rawlinson
The Wolfsonian
AWARDING SPONSOR: Public School System
TITLE: *Museum Magnet* **AWARD:** \$ 89,603

PI: Carol Stepick
Center for Labor Research and Studies
AWARDING SPONSOR: Women's Fund of Miami-Dade County
TITLE: *Focus Group Research on Miami Voter Dispositions Toward the Development "Boom" and Economic Development Policy* **AWARD:** \$ 70,000

PI: Julio Ibarra
Telecommunications
AWARDING SPONSOR: Centro Nacional de Tecnologias de Informacion (Venezuela)
TITLE: *AMPATH Project MoU Account Support (Venezuela)* **AWARD:** \$ 66,670

PI: Kenneth Furton
Chemistry
AWARDING SPONSOR: army Research Office
TITLE: *Optimization of Sorbent Materials for the Collection and Analysis of Human Scent* **AWARD:** \$ 57,771