

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

Florida International University researchers were awarded **\$3,435,057** in February 2007. Listed below is a summary of awards received for *\$50,000 or more* during the month of February.

PI: Joerge Reinhold

Physics

AWARDING SPONSOR: Office of Nuclear Energy, Science and Technology

TITLE: *Nuclear Physics Research at Jefferson Lab*

AWARD: \$ 418,000

PI: Madhavan P.N. Nair

Medicine Dean's Office

AWARDING SPONSOR: National Institute on Drug Abuse

TITLE: *AIDS Encephalopathy and Non Progressive HIV Disease:
Role of Opioids*

AWARD: \$ 336,016

PI: Madhavan P.N. Nair

Medicine Dean's Office

AWARDING SPONSOR: National Institute on Drug Abuse

TITLE: *Heroin and AIDS Encephalopathy*

AWARD: \$ 292,318

PI: Steven Oberbauer

Biological Sciences

AWARDING SPONSOR: National Science Foundation

TITLE: *Study of Arctic Ecosystem Changes in the IPY using the
International Tundra Experiment*

AWARD: \$ 273,162

PI: Fabian Cevallos

Civil and Environmental Engineering

AWARDING SPONSOR: Federal Transit Administration

TITLE: *Year Three Program for Center for Transportation Needs
Of Special Populations (TRANSP0)*

AWARD: \$ 220,000

PI: Edward Murray

Metropolitan Research Center

AWARDING SPONSOR: Broward County Community Development Division

TITLE: *Broward Linkage Study*

AWARD: \$ 194,525

PI: Osama Mohammed

Electrical and Computer Engineering

AWARDING SPONSOR: Office of Naval Research

TITLE: *Sensorless Control for Low Speed, High Torque PM
Motors for Rotary Acuation*

AWARD: \$ 179,919

PI: Jeffrey Groom
 School of Nursing
AWARDING SPONSOR: Miami Beach Anesthesiology Associates, Inc.
TITLE: *Miami Beach Anesthesiology Associates Faculty Support Agreement* **AWARD:** \$ 157,741

PI: Georgio Tachiev
 Applied Research Center (ARC)
AWARDING SPONSOR: Envrionet, Inc.
TITLE: *Transport Behavior of UXO Chemicals in Selected Tropical Soils* **AWARD:** \$ 95,589

PI: Richard Burton
 Applied Research Center (ARC)
AWARDING SPONSOR: Boeing Company
TITLE: *Boeing-KAP Manufacturing Support Services* **AWARD:** \$ 91,027

PI: Dario Gonzalez
 Metropolitan Research Center
AWARDING SPONSOR: Federal Transit Administration
TITLE: *Year Three Program for Center for Transportation needs of Special Populations (TRANSPO)* **AWARD:** \$ 90,000

PI: Michelle Glenn
 Metropolitan Research Center
AWARDING SPONSOR: Metro-Miami Action Plan Trust
TITLE: *Metro Miami Action Plan (MMAP)* **AWARD:** \$ 89,999

PI: Richard Burton
 Applied Research Center (ARC)
AWARDING SPONSOR: Boeing Company
TITLE: *Support to Aero Dynamic - Boeing* **AWARD:** \$ 89,253

PI: Richard Burton
 Applied Research Center (ARC)
AWARDING SPONSOR: Boeing Company
TITLE: *Boeing – Omega Precision Support Services* **AWARD:** \$ 89,253

PI: Sofia Santiesteban
 Upward Bound Program
AWARDING SPONSOR: College Board, Florida Partnership
TITLE: *FIU 2006-7 College Board Florida Partnership Expanded Opportunity Grant* **AWARD:** \$ 88,510

PI: Arvind Agarwal
 Mechanical and Materials Engineering
AWARDING SPONSOR: University of Central Florida
TITLE: *Development of Nanocrystalline Materials for Intermediates Temperature SOFC (IT-SOFC) Applications* **AWARD:** \$ 88,121

PI: Jiandi Zhang
 Physics
AWARDING SPONSOR: University of Nebraska - Lincoln
TITLE: *The Surface Chemistry of Adsorbates on Crystalline Polymers* **AWARD:** \$ 72,252

PI: Allan Rosenbaum
 Institute for Public Management and Community Service
AWARDING SPONSOR: Miami-Dade County Seaport
TITLE: *XIII Inter-American Conference of Mayors and Local Authorities* **AWARD:** \$ 57,784

PI: Gustavo Roig
 Engineering Dean's Office
AWARDING SPONSOR: Florida Agricultural and Mechanical University
TITLE: *FGLSAMP* **AWARD:** \$ 53,486

PI: Rudolf Jaffe
 Southeast Environmental Research Center (SERC)
AWARDING SPONSOR: National Park Service
TITLE: *Renewal of Cooperative Agreement with Florida International University to Provide Office Services and Staffing Support to the South Florida Ecosystem Restoration Task Force, Office of the Executive Director* **AWARD:** \$ 50,246

PI: Allan Richards
 School of Journalism and Mass Communication
AWARDING SPONSOR: Scripps Howard Foundation
TITLE: *The SJMC Writing Center* **AWARD:** \$ 50,000