

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

Florida International University researchers were awarded **\$3,473,332** in February 2006. Listed below is a summary of new grants awarded over \$50,000 during the month of February.

PI: Dorothy Brooten
School of Nursing
AWARDING SPONSOR: Abt Associates, Inc.
TITLE: *Healthy Children, Healthy Homes* **AWARD:** \$80,000

PI: Shu-Ching Chen
Engineering and Computing
AWARDING SPONSOR: Florida Office of Insurance Regulation DFS
TITLE: *Hurricane Loss Projection Model* **AWARD:** \$123,096

PI: Stacy De La Grana
Art Museum
AWARDING SPONSOR: Miami Dade County, Cultural Affairs Council
TITLE: *FY 2005-06 Major Cultural Institutions.* **AWARD:** \$145,494

PI: Dr. Rosa Jones
Student Affairs
AWARDING SPONSOR: Department of Education
TITLE: *A Proposal to Conduct a Hispanic-Serving Institutions Program at Florida International University (TITLE V)* **AWARD:** \$424,631

PI: Rene Herrera
Biological Sciences
AWARDING SPONSOR: Air Force Office of Scientific Research
TITLE: *Transgenic Silk Moths to Produce Spider Silk* **AWARD:** \$88,988

PI: Steven Leatherman
International Hurricane Research Center
AWARDING SPONSOR: Florida Dept of Community Affairs
TITLE: *Hurricane Loss Reduction for Housing in Florida*
TWO AWARDS TOTALING: \$714,317

PI: Wenzhi Li
Physics
AWARDING SPONSOR: National Science Foundation
TITLE: *CAREER: Synthesis and Electronic/Electrical Properties of Carbon Nanotube Junctions* **AWARD:** \$87,214

PI: Kalai Mathee
Biological Sciences
AWARDING SPONSOR: National Institutes of Health/DHHS
TITLE: *Ginseng as a therapeutic agent against P. aeruginosa* **AWARD:** \$68,225

PI: Massoud Milani
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *Research Experiences for Undergraduates: Autonomic Computing Research at FIU* **AWARD:** \$300,000

PI: Osama Mohammed
Electrical and Computer Engineering
AWARDING SPONSOR: Florida State University
TITLE: *Secure Power Grid Infrastructure Simulation* **AWARD:** \$96,370

PI: Osama Mohammed
Electrical and Computer Engineering
AWARDING SPONSOR: Office of Naval Research
TITLE: *Development of Simultaneous Simulation Tools of Dynamic Operation and Physical Finite Element Models for Naval Machine System Integration* **AWARD:** \$75,000

PI: Bruce Nissen
Center for Labor Research and Studies
AWARDING SPONSOR: Women's Fund of Miami Dade County
TITLE: *General Support for RISEP* **AWARD:** \$50,000

PI: Edgar Polo
Civil & Environmental Engineering
AWARDING SPONSOR: United States Department of Energy
TITLE: *Savannah River Concrete Studies* **AWARD:** \$53,599

PI: Gary Rand
Southeast Environmental Research Center
AWARDING SPONSOR: U.S. Fish & Wildlife Service/Department of the Interior
TITLE: *Fate (Dissipation)/Uptake (Bioconcentration)/Depuration, Food Chain Transfer (Bioaccumulation) and Toxicity of Copper* **AWARD:** \$202,413

PI: Gary Rand
Southeast Environmental Research Center
AWARDING SPONSOR: Everglades National Park
TITLE: *Physiological Performance Measures and Tolerance Limits of Estuarine Indicator Species in South Florida* **AWARD:** \$59,992

PI: Ray Thomlison
School of Social Work
AWARDING SPONSOR: Florida Department of Children and Families
TITLE: *Professional Development Center Training Contract* **AWARD:** \$577,537

PI: Yimin Zhu
Construction Management
AWARDING SPONSOR: Electrical Contracting Foundation
TITLE: *Impact of Seismic Requirements on Electrical Installation* **AWARD:** \$59,252