

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

Florida International University researchers were awarded **\$4,227,381** in March 2006. Listed below is a summary of new awards over \$50,000 during the month of February.

PI: Malek Adjouadi
Electrical and Computer Engineering
AWARDING SPONSOR: The FIU Foundation
TITLE: *The Ware Foundation Research Endowment* **TOTAL:** \$67,000

PI: Manuel Barbieri
Biological Sciences
AWARDING SPONSOR: FL International University Foundation
TITLE: *Role of RAS Interference (RIMI) in Leukemia.* **TOTAL:** \$50,000

PI: Ana Maria Bidegain
History
AWARDING SPONSOR: Ministerio de Relaciones Exteriores, Republica de Colombia
TITLE: *General Systematization of the State of the Art and Projections on the Colombian Immigrant Population in the United States.* **TOTAL:** \$122,234

PI: Charles Bleiker
Curriculum and Instruction
AWARDING SPONSOR: Early Learning Coalition of Miami Dade and Monroe
TITLE: *Early Reading First-LEARN* **TOTAL:** \$512,072

PI: Joseph Boyer
Southeast Environmental Research Center
AWARDING SPONSOR: South FL Water Management District
TITLE: *South Florida Coastal Water Quality Monitoring Network* **TOTAL:** \$343,331

PI: Richard Burton
Applied Research Center (ARC)
AWARDING SPONSOR: Boeing Company
TITLE: *Support to the Boeing - DACA partnership.* **TWO AWARDS TOTAL:** \$62,473

PI: Won Bong Choi
Mechanical Engineering
AWARDING SPONSOR: Inje University
TITLE: *Collaboration Reserach on Design and Characterization of Carbon nanotube Sensor.* **TOTAL:** \$54,000

PI: George Dulikravich
Mechanical Engineering
AWARDING SPONSOR: Air Force Office of Scientific Research
TITLE: *Hybrid Robust Multi-Objective Evolutionary Optimization Algorithm*
TOTAL: \$90,000

PI: Daniel J. Feaster
Elementary Education
AWARDING SPONSOR: National Institute on Drug Abuse/NIH/DHHS
TITLE: *Ecosystem Treatment for HIV Adherence in Women Recovering from Substance Abuse.*
TOTAL: \$921,291

PI: Kenneth Furton
Chemistry
AWARDING SPONSOR: Department of Defense, Army Research Office
TITLE: *Optimization of Sorbent Materials for the Collection and analysis of Human Scent.*
TOTAL: \$120,000

PI: Albert Gan
Civil and Environmental Engineering
AWARDING SPONSOR: Fla. Dept of Transportaion, District Six
TITLE: *Traffic Engineering Services and ITS Technical Support*
THREE AWARD TOTALING: \$72,051

PI: Todd Lajeunesse
Biological Sciences, Arts and Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *Collaborative Research: Establishing the Flexibility & Physiology of Symbiodinium Symbioses in the Eastern Pacific: Predicting Ecological Success in Light of Future Climate Change.*
TOTAL: \$232,225

PI: Bruce McCord
Chemistry
AWARDING SPONSOR: National Institute of Justice/Department of Justice
TITLE: *The Use of MiniSTRs as Tools for the Investigation of DNA Degradation and Inhibition.*
TOTAL: \$171,394

PI: Kathleen S. Rein
Chemistry
AWARDING SPONSOR: University of Miami
TITLE: *Toxic Algae Culture Facility.*
TOTAL: \$98,350

PI: Michael Ross
Southeast Environmental Research Center
AWARDING SPONSOR: National Park Service/Department of the Interior
TITLE: *Everglades fire effects monitoring in CSSS habitat (supplement to Effects of hydrologic management on the habitat of the Cape Sable seaside sparrow).*
TOTAL: \$100,000

PI: Sofia Santiesteban
Upward Bound Program
AWARDING SPONSOR: Department of Education
TITLE: *FIU -Upward Bound* **TWO AWARDS TOTALING:** \$376,646

PI: Surendra Saxena
Mechanical Engineering
AWARDING SPONSOR: Iowa State University
TITLE: *International Material Institute.* **TOTAL:** \$109,469

PI: Sylvia Smith
Biological Sciences
AWARDING SPONSOR: National Institutes of Health/DHHS
TITLE: *Access to Biomedical Research and Training (Year 6)*
TWO AWARDS TOTALING: \$91,800

PI: Hugh Willoughby
International Hurricane Center
AWARDING SPONSOR: National Science Foundation
TITLE: *Tropical Cyclone Response to Time-Dependent Heating and Theory of Tropical Cyclone Motion* **TOTAL:** \$122,264

PI: Kuang-Hsi Wu
Mechanical Engineering
AWARDING SPONSOR: Office of Naval Research
TITLE: *Three -Dimensional Fused CNT-Polymer NanoComposites.*
TWO AWARDS TOTALING: \$108,153

PI: Jiandi Zhang
Physics
AWARDING SPONSOR: Department of Energy
TITLE: *Research and Training of Using Neutron Scattering to Probe the Collective Phenomena in Doped Transition-Metal Oxides* **TOTAL:** \$74,423