

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

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Florida International University researchers were awarded **\$12,354,048** in October 2006. Listed below is a summary of awards received for *\$50,000 or more* during the month of October.

**PI:** Reinaldo Garcia  
Applied Research Center  
**AWARDING SPONSOR:** Department of Defense  
**TITLE:** *WHIX Energy Operation and Management Project 2006*      **AWARD:** \$1,193,796

**PI:** Kathleen S. Rein  
Chemistry  
**AWARDING SPONSOR:** National Institute of Health  
**TITLE:** *Environmental Health Science at Florida International University*      **AWARD:** \$1,002,844

**PI:** Heidi Alvarez  
Telecommunications  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *CHEPREO: Cyber Infrastructure Component*      **AWARD:** \$901,382

**PI:** William Darrow  
Public Health  
**AWARDING SPONSOR:** Centers for Disease Control and Prevention  
**TITLE:** *Racial and Ethnic Approaches to Community Health*      **AWARD:** \$894,497

**PI:** Michael McClain  
Environmental Studies  
**AWARDING SPONSOR:** United States Agency for International Development  
**TITLE:** *Integrated Water Resources Management Assistant to USAID Missions Worldwide*      **AWARD:** \$750,000

**PI:** Steven Leatherman  
International Hurricane Research Center  
**AWARDING SPONSOR:** Florida Department of Community Affairs  
**TITLE:** *Hurricane Loss Reduction (RCMP)*      **AWARD:** \$700,000

**PI:** Laird Kramer  
Physics  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *CHEPREO: Education and Outreach Component*      **AWARD:** \$556,746

**PI:** Pete Markowitz  
Physics  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *An Inter-Regional Grid-Enabled Center for Research and Educational Outreach at Florida International University* **AWARD:** \$452,497

**PI:** Joseph Boyer  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** *Water Quality Monitoring for the Florida Keys National Marine Sanctuary* **AWARD:** \$450,000

**PI:** Robert Vos  
Greater Miami Urban Education Pact  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** *GEAR UP Edison Success Zone* **AWARD:** \$444,190

**PI:** John Stack  
Jack D. Gordon Institute for Public Policy  
**AWARDING SPONSOR:** United States Intelligence Community  
**TITLE:** *A Center for Academic Excellence in Intelligence Studies* **AWARD:** \$438,666

**PI:** Joanne Youngblut  
School of Nursing  
**AWARDING SPONSOR:** National Institute of Health  
**TITLE:** *Death in the PICU/NICu: Parent and Family Functioning* **AWARD:** \$438,376

**PI:** Rudolf Jaffe  
Southeast Environmental Research Center  
**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:** \$409,920

**PI:** David Shen  
Civil and Environmental Engineering  
**AWARDING SPONSOR:** Federal Transit Administration  
**TITLE:** *Year-Three Program for Center for Transportation Needs Of Special Populations (TRANSP0)* **AWARD:** \$332,500

**PI:** Mary Ann Von Glinow  
Management and International Business  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** *Center for International Business Education and Research* **AWARD:** \$322,500

**PI:** Daniel Childers  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** Everglades National Park  
**TITLE:** *Monitoring for Potential Water Quality Impacts along  
The E Boundary of ENP* **AWARD:** \$237,624

**PI:** Gary Rand  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** United States Fish & Wildlife Service  
**TITLE:** *Exposure and Biological Effects of the Adult Mosquito Control Agents Naled and  
Permethrin in the Key Deer National Wildlife Refuge, Long Pine Key: An Ecological Risk  
Characterization for Beneficial Non-Target Organisms* **AWARD:** \$225,000

**PI:** Joel Trexler  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** Everglades National Park  
**TITLE:** *Analyzing the Impact of the Intermediate Operating Plan (IOP)  
in the Eastern Everglades* **AWARD:** \$215,000

**PI:** George Philippidis  
Center for Technology of the Americas  
**AWARDING SPONSOR:** Department of Energy  
**TITLE:** *Center for Hemespheric Energy Cooperation and  
Technology* **AWARD:** \$200,000

**PI:** Patricia Barbetta  
Educational and Psychological Studies  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** *Project QUEST* **AWARD:** \$200,000

**PI:** Patricia Barbetta  
Educational and Psychological Studies  
**AWARDING SPONSOR:** Florida Department of Education  
**TITLE:** *Regional Professional Development Partnership Project* **AWARD:** \$184,682

**PI:** E. George Simms  
Pre-Collegiate Programs and Grants  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** *Educational Talent Search* **AWARD:** \$165,299

**PI:** Kenneth Furton  
Chemistry  
**AWARDING SPONSOR:** Army Research Office  
**TITLE:** *Optimization of Sorbent Materials for the Collection and  
Analysis of Human Scent* **AWARD:** \$150,000

**PI:** Gail Gregg  
Department of Curriculum and Instruction  
**AWARDING SPONSOR:** Department of Health & Human Services  
**TITLE:** *HEAT, Headstart Educators Advanced Training* **AWARD:** \$149,997

**PI:** Bill King  
Public Safety  
**AWARDING SPONSOR:** National Oceanic & Atmospheric Administration  
**TITLE:** *Guard Services for the National Hurricane Center  
2004-2009* **AWARD:** \$144,146

**PI:** Gary Rand  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** *Salinity Relationships of Epifaunal Species in Near-Shore  
Biscayne Bay* **AWARD:** \$125,000

**PI:** James Fourqurean  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** *Seagrass Monitoring in the Florida Keys National Marine  
Sanctuary* **AWARD:** \$125,926

**PI:** Eduardo Gamarra  
Latin American and Caribbean Center  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** *National Resource Center (NRC) and Foreign Language  
and Area Studies (FLAS) Programs* **AWARD:** \$124,105

**PI:** Jinsong Zhang  
Applied Research Center  
**AWARDING SPONSOR:** Missile Defense Agency  
**TITLE:** *Development of a Threat Assessment Module for Theater  
Missile Defense using Belief Theory and Cognitive Engineering  
Approach* **AWARD:** \$108,408

**PI:** Daniel Childers  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** Everglades National Park  
**TITLE:** *Responses of Mangroves to Regional Environmental  
Change* **AWARD:** \$ 96,759

**PI:** Shlomi Dinar  
International Relations  
**AWARDING SPONSOR:** Smith Richardson Foundation  
**TITLE:** *The Quest for Hydro-Security: Conflict and Cooperation  
along International Rivers* **AWARD:** \$ 60,000

**PI:** Tiffany Troxler Gann  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** *Calculating Nutrient and Hydrological Fluxes in a Tree Island* **AWARD:** \$ 60,000

**PI:** Gary Rand  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Administration  
**TITLE:** *Effects of St. Lucie Sediments and Specific Local Contaminants on Fish Fry* **AWARD:** \$ 55,125

**PI:** Douglas Smith  
Department of Educational Leadership and Policy  
**AWARDING SPONSOR:** Division of Workforce Development  
**TITLE:** *Perkins State Leadership RTC, Region V* **AWARD:** \$ 50,000