

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

Florida International University researchers were awarded **\$8,841,698** in October 2007. Listed below is a summary of awards received for *\$50,000 or more* during the month of October.

PI: Stephen Leatherman
International Hurricane Research Center
AWARDING SPONSOR: Florida Department of Community Affairs
TITLE: *Hurricane Loss Reduction* **AWARD:** \$ 699,756

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:** \$ 612,252

PI: Joseph Boyer
Southeast Environmental Research Center
AWARDING SPONSOR: South Florida Water Management District
TITLE: *Coastal Water Quality Monitoring Network* **AWARD:** \$ 479,999

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: Marianna Baum
Dietetics and Nutrition
AWARDING SPONSOR: National Institute of Drug & Alcohol Abuse
TITLE: *HIV and HIV/HCV-Infection, Disease Progression, Oxidatives Stress & Antioxidants* **AWARD:** \$ 438,830

PI: Stephen Leatherman
International Hurricane Research Center
AWARDING SPONSOR: National Oceanic & Atmospheric Administration
TITLE: *Florida Hurricane Alliance Round 4* **AWARD:** \$ 399,861

PI: Lisa Delpit
Center for Urban Education and Innovation
AWARDING SPONSOR: The Children's Trust
TITLE: *Family Literacy and Arts Program* **AWARD:** \$ 350,349

PI: Mary Ann Von Glinow
Management and International Business
AWARDING SPONSOR: Department of Education
TITLE: *Center for International Business Education & Research* **AWARD:** \$ 340,000

PI: Madhavan P.N. Nair
College of Medicine
AWARDING SPONSOR: National Institute of Drug & Alcohol Abuse
TITLE: *Cocaine in the Immuno-and Neuropathogenesis of HIV-1 Infections* **AWARD:** \$ 339,850

PI: Madhavan P.N. Nair
College of Medicine
AWARDING SPONSOR: National Institute of Drug & Alcohol Abuse
TITLE: *Immunopathogenesis of HIV-1 Infection: Role of Methamphetamine* **AWARD:** \$ 333,514

PI: Jiuhua Chen
Mechanical and Materials Engineering
AWARDING SPONSOR: National Science Foundation
TITLE: *In Situ Study of the Fe-FeS Melt System at High Pressures And Temperatures* **AWARD:** \$ 270,002

PI: Yi Deng
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement* **AWARD:** \$ 253,392

PI: E. George Simms
Student Affairs
AWARDING SPONSOR: Department of Education
TITLE: *Upward Bound Math Science* **AWARD:** \$ 249,963

PI: E. George Simms
Student Affairs
AWARDING SPONSOR: Department of Education
TITLE: *Ronald E. McNair Postbaccalaureate Achievement Program* **AWARD:** \$ 230,996

PI: Kathleen S. Rein
Chemistry
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Advanced Research Cooperation in Environmental Health (ARCH) - Research* **AWARD:** \$ 154,481

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: Lorraine E. Bahrnick
Psychology
AWARDING SPONSOR: Autism Speaks
TITLE: *Attention to Social and Nonsocial Events in Children with Autism* **AWARD:** \$ 149,144

PI: Kathleen S. Rein
Chemistry
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Advanced Research Cooperation in Environmental Health (ARCH)* **AWARD:** \$ 145,992

PI: James Fourqurean
Southeast Environmental Research Center
AWARDING SPONSOR: Environmental Protection Agency
TITLE: *Seagrass Monitoring in the Florida Keys National Marine Sanctuary* **AWARD:** \$ 145,133

PI: Jennifer Richards
Biological Sciences
AWARDING SPONSOR: National Park Service
TITLE: *The South Florida Caribbean Inventory and Monitoring Network Ecologist Postdoctoral Position for Vital Signs Indicators* **AWARD:** \$ 138,673

PI: Elisabeth Prugl
International Relations
AWARDING SPONSOR: European Commission
TITLE: *Miami-Florida European Union Center of Excellence* **AWARD:** \$ 121,177

PI: Alexis McKenney
Department of Educational Leadership and Policy
AWARDING SPONSOR: The Children's Trust
TITLE: *Renewal Project US II* **AWARD:** \$ 103,370

PI: Yi Deng
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement* **AWARD:** \$ 100,427

PI: Keqi Zhang
International Hurricane Research Center
AWARDING SPONSOR: National Oceanic & Atmospheric Administration
TITLE: *Florida Hurricane Alliance Round 4 – Program Management, Coastal Vulnerability and Subcontracts* **AWARD:** \$ 100,132

PI: Delia Garcia
Department of Educational Leadership and Policy
AWARDING SPONSOR: Volunteer USA Foundation, Inc.
TITLE: *FLASH (Families Learning at School & Home) at Finlay* **AWARD:** \$ 100,000

PI: Evelyn Gaiser
Southeast Environmental Research Center
AWARDING SPONSOR: National Park Service
TITLE: *Developing Periphyton-Based Hydrologic Indicators for the Everglades Marl Prairie* **AWARD:** \$ 96,614

PI: Daniel Childers
Southeast Environmental Research Center
AWARDING SPONSOR: National Park Service
TITLE: *Responses of Mangroves to Regional Environmental Change* **AWARD:** \$ 90,000

PI: James Fourqurean
Southeast Environmental Research Center
AWARDING SPONSOR: University of Miami
TITLE: *Antigua and Barbuda Coastal and Marine Ecosystem Management Program – Seagrass and Macroalgae Components* **AWARD:** \$ 76,408

PI: Todd Lajeunesse
Biological Sciences
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Advanced Research Cooperation in Environmental Health (ARCH) – Pilot I Sub* **AWARD:** \$ 75,790

PI: Kevin O’Shea
Chemistry
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Advanced Research Cooperation in Environmental Health (ARCH) – Pilot IV Sub* **AWARD:** \$ 75,600

PI: Yong Cai
Southeast Environmental Research Center
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Advanced Research Cooperation in Environmental Health (ARCH) – Pilot III Sub* **AWARD:** \$ 75,315

PI: Dwayne McDaniel
Applied Research Center
AWARDING SPONSOR: The Federal Aviation Administration
TITLE: *Composite Surface Contamination Study* **AWARD:** \$ 75,000

<p>PI: Joel Trexler Biological Sciences AWARDING SPONSOR: National Park Service TITLE: <i>Synthesis of Existing Data on Aquatic Communities in Everglades National Park</i></p>	<p>AWARD: \$ 72,636</p>
<p>PI: Surendra Saxena Mechanical and Materials Engineering AWARDING SPONSOR: Iowa State University TITLE: <i>International Material Institute</i></p>	<p>AWARD: \$ 72,193</p>
<p>PI: Mahadev Bhat Environmental Studies AWARDING SPONSOR: University of Miami TITLE: <i>Economic Modeling of Coastal Resources in Antigua</i></p>	<p>AWARD: \$ 64,117</p>
<p>PI: Brady Tripp School of Nursing AWARDING SPONSOR: Doral Academy Charter High School TITLE: <i>Athletic Training Services</i></p>	<p>AWARD: \$ 60,000</p>
<p>PI: Kathleen S. Rein Chemistry AWARDING SPONSOR: National Institute of Environmental Health Sciences TITLE: <i>Advanced Research Cooperation in Environmental Health (ARCH) – Facility Core</i></p>	<p>AWARD: \$ 59,500</p>
<p>PI: Rudolf Jaffe Southeast Environmental Research Center AWARDING SPONSOR: University of Miami TITLE: <i>Antigua Barbuda Coastal and Marine Ecosystem Management Plan: Pollutant Assessment</i></p>	<p>AWARD: \$ 58,132</p>
<p>PI: Tiffany Troxler-Gann Biological Sciences AWARDING SPONSOR: National Park Service TITLE: <i>Paleoecological and Physiological Impacts of Reduced Water Flow on Estuarine Ecotone Communities: Understanding Sea Level Rise and Developing Research Guidelines for Potential Restoration Impacts</i></p>	<p>AWARD: \$ 55,630</p>
<p>PI: Cathy Leff The Wolfsonian AWARDING SPONSOR: Division of Cultural Affairs TITLE: <i>General Support Program</i></p>	<p>AWARD: \$ 52,120</p>

PI: Kathleen S. Rein
Chemistry
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Advanced Research Cooperation in Environmental Health (ARCH) – Pilot V* **AWARD:** \$ 51,306

PI: Allan Rosenbaum
Institute for Public Management and Community Service
AWARDING SPONSOR: Miami-Dade County Seaport
TITLE: *XIV Inter-American Conference of Mayors and Local Authorities* **AWARD:** \$ 51,303

PI: Jaroslava Miksovska
Chemistry
AWARDING SPONSOR: American Heart Association
TITLE: *Thermodynamics Profiles for Calcium Signaling* **AWARD:** \$ 50,416