

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

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Florida International University researchers were awarded **\$7,627,331** in July 2009. Listed below is a summary of awards received for *\$20,000 or more* during the month of July.

**PI:** Juan Pablo Sarmiento  
Latin American and Caribbean Center  
**AWARDING SPONSOR:** United States Agency for International Development  
**TITLE:** *Phase V of the Paul C. Bell, Jr. Risk Management Program* **AWARD:** \$ 802,488

**PI:** Robert M. Malow  
Stempel School of Public Health  
**AWARDING SPONSOR:** National Institute on Alcohol Abuse and Alcoholism  
**TITLE:** *Intervening with HIV+ Alcohol Abusers: Influence of Neuro-Behavioral Factors* **AWARD:** \$ 789,319

**PI:** Virginia McCoy  
Stempel School of Public Health  
**AWARDING SPONSOR:** National Institute on Alcohol Abuse and Alcoholism  
**TITLE:** *HIV Risk Reduction in Migrant Workers* **AWARD:** \$ 588,697

**PI:** Robert M. Malow  
Stempel School of Public Health  
**AWARDING SPONSOR:** National Institute on Drug Abuse  
**TITLE:** *Multi-level HIV Prevention for Pregnant Drug Abusers* **AWARD:** \$ 548,781

**PI:** Steven Oberbauer  
Biological Sciences  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *Causes and Implications of Dry Season Control of Tropical Wet Forest Tree Growth at Very High Water Levels: Direct vs. Indirect Limitations* **AWARD:** \$ 479,591

**PI:** Joanne Youngblut  
School of Nursing  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** *Death in the PICU/NICU: Parent and Family Functioning* **AWARD:** \$ 455,934

**PI:** Robert M. Malow  
Health Promotion and Disease Prevention  
**AWARDING SPONSOR:** National Institute on Alcohol Abuse and Alcoholism  
**TITLE:** *Intervening with Haitian HIV+ Alcohol Users: An Environmental Psychosocial Framework* **AWARD:** \$ 428,872

**PI:** Gary Rand  
 Southeast Environmental Research Center  
**AWARDING SPONSOR:** International Zinc Association  
**TITLE:** *An Outdoor Freshwater Aquatic Microcosm Study with Zinc*      **AWARD:** \$ 389,491

**PI:** Arindam Gan Chowdhury  
 Civil and Environmental Engineering  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *MRI: Acquisition of Instrumentation to Create a Transformative Large and Full-Scale Wind Testing Capability in Support of Sustainable Windstorm-Resilient Energy-Efficient Communities*      **AWARD:** \$ 300,715

**PI:** Joseph Boyer  
 Southeast Environmental Research Center  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** *Subproject: Water Quality Monitoring for the Florida Keys National Marine Sanctuary*      **AWARD:** \$ 235,000

**PI:** Won Bong Choi  
 Mechanical and Materials Engineering  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *Collaborative Research: High-Throughput Nanomanufacturing of 10 NM Feature Patterns Using Ultra-Sharp Probe Arrays*      **AWARD:** \$ 224,978

**PI:** Gail Gregg  
 Department of Curriculum and Instruction  
**AWARDING SPONSOR:** Child Development Services Bureau  
**TITLE:** *Screening Assessment Analysis (SAA) Project*      **AWARD:** \$ 223,823

**PI:** Ophelia Weeks  
 Biological Sciences  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** *Subproject: MARC Q'BIC (Quantifying Biology in the Classroom)*      **AWARD:** \$ 222,026

**PI:** Stanislaw Wnuk  
 Chemistry  
**AWARDING SPONSOR:** National Cancer Institute  
**TITLE:** *Nucleoside and Carbohydrate-based Enzyme Inhibitors*      **AWARD:** \$ 216,125

**PI:** Joseph Boyer  
 Southeast Environmental Research Center  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Administration  
**TITLE:** *SFL08: Marine & Estuarine Goal Setting for South Florida (MARES)*      **AWARD:** \$ 208,289

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

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| <p><b>PI:</b> Jeffrey Groom<br/> School of Nursing<br/> <b>AWARDING SPONSOR:</b> Miami Beach Anesthesiology Associates, Inc.<br/> <b>TITLE:</b> <i>Miami Beach Anesthesiology Associates Faculty Support Agreement</i></p>  | <p><b>AWARD:</b> \$ 187,872</p> |
| <p><b>PI:</b> Massoud Milani<br/> School of Computing and Information Sciences<br/> <b>AWARDING SPONSOR:</b> Department of Education<br/> <b>TITLE:</b> <i>GAANN Fellowships in Computer Science at Florida International University</i></p>                            | <p><b>AWARD:</b> \$ 174,208</p> |
| <p><b>PI:</b> Surendra Saxena<br/> Mechanical and Materials Engineering<br/> <b>AWARDING SPONSOR:</b> Latitude 18, Inc.<br/> <b>TITLE:</b> <i>LAT Mods.</i></p>   | <p><b>AWARD:</b> \$ 150,372</p> |
| <p><b>PI:</b> Lidia Kos<br/> Biological Sciences<br/> <b>AWARDING SPONSOR:</b> National Institute of General Medical Sciences<br/> <b>TITLE:</b> <i>Generation of a UV-Dependent Mouse Model of Melanoma</i></p>  | <p><b>AWARD:</b> \$ 108,000</p> |
| <p><b>PI:</b> Elizabeth Cramer<br/> Educational and Psychological Studies Department<br/> <b>AWARDING SPONSOR:</b> Department of Education<br/> <b>TITLE:</b> <i>Project CREATE</i></p>   | <p><b>AWARD:</b> \$ 99,938</p>  |
| <p><b>PI:</b> Steven Oberbauer<br/> Biological Sciences<br/> <b>AWARDING SPONSOR:</b> Duke University<br/> <b>TITLE:</b> <i>Response of Carbon Dioxide, Water and Energy Exchange of Peat and Marl Wetlands in the Florida Everglades to Changes in Hydroperiod</i></p> | <p><b>AWARD:</b> \$ 75,896</p>  |
| <p><b>PI:</b> Albert Gan<br/> Civil and Environmental Engineering<br/> <b>AWARDING SPONSOR:</b> Florida Department of Transportation District Four<br/> <b>TITLE:</b> <i>ITS Research, Computer and Miscellaneous Support</i></p>                                       | <p><b>AWARD:</b> \$ 75,000</p>  |
| <p><b>PI:</b> Jeffrey Groom<br/> School of Nursing<br/> <b>AWARDING SPONSOR:</b> Sheridan Health Corp., Inc.<br/> <b>TITLE:</b> <i>Sheridan HealthCorp Faculty Support Agreement</i></p>  | <p><b>AWARD:</b> \$ 70,664</p>  |
| <p><b>PI:</b> Kevin O'Shea<br/> Chemistry<br/> <b>AWARDING SPONSOR:</b> University of Cincinnati<br/> <b>TITLE:</b> <i>Monitoring Photochemical Fate and Degradation of Cyanotoxins Estuaries by UV and Solar Tech</i></p>  | <p><b>AWARD:</b> \$ 65,568</p>  |

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| <b>PI:</b> Bianca Premo<br>History<br><b>AWARDING SPONSOR:</b> National Science Foundation<br><b>TITLE:</b> <i>Taking Tyrants to Court: Civil Litigation in the Spanish Empire During the Enlightenment</i>   | <b>AWARD: \$</b> 59,845 |
| <b>PI:</b> Rebecca Vega<br>Biological Sciences<br><b>AWARDING SPONSOR:</b> National Science Foundation<br><b>TITLE:</b> <i>Viral Induction of Growth Anomalies in Coral</i>   | <b>AWARD: \$</b> 50,000 |
| <b>PI:</b> Steven Heine<br>International Studies<br><b>AWARDING SPONSOR:</b> Japan Foundation<br><b>TITLE:</b> <i>Subproject: Staff Expansion</i>   | <b>AWARD: \$</b> 41,039 |
| <b>PI:</b> Sofia Santiesteban<br>Pre-Collegiate Programs and Grants<br><b>AWARDING SPONSOR:</b> Florida Education Fund<br><b>TITLE:</b> <i>South Florida Center of Excellence</i>   | <b>AWARD: \$</b> 26,000 |
| <b>PI:</b> Bruce Nissen<br>Center for Labor Research and Studies<br><b>AWARDING SPONSOR:</b> New World Foundation<br><b>TITLE:</b> <i>Research on Social and Economic Policy</i>  | <b>AWARD: \$</b> 24,999 |
| <b>PI:</b> Javier Francisco-Ortega<br>Biological Sciences<br><b>AWARDING SPONSOR:</b> Mohamed bin Zayed Species Conservation Fund<br><b>TITLE:</b> <i>conservation Action Plan for Zamia Lucayana, the only Species of Cyad Endemic to the Bahamian Archipelago (Caribbean Island Biodiversity Hotspot)</i> | <b>AWARD: \$</b> 24,825 |