Florida International University researchers were awarded $5,252,143 in May 2010. Listed below is a summary of awards received for $20,000 or more during the month of May.

**PI**: Madhavan Nair  
Medicine Dean’s Office  
**AWARDING SPONSOR**: National Institute on Drug Abuse  
**TITLE**: Polydrug nanocarrier to Treat Opiate Addiction and HIV Disease  
**AWARD**: $554,518

**PI**: Robert 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**: $435,930

**PI**: Ophelia Weeks  
Biological Sciences  
**AWARDING SPONSOR**: National Institute of General Medical Sciences  
**TITLE**: Florida International University MARC U*STAR Program  
**AWARD**: $398,930

**PI**: Gary Rand  
Southeast Environmental Research Center  
**AWARDING SPONSOR**: ENTRIX, Inc.  
**TITLE**: Toxicol Assessment of Water and Oil Samples  
**AWARD**: $365,848

**PI**: Yimin Zhu  
Construction Management  
**AWARDING SPONSOR**: National Science Foundation  
**TITLE**: Stochastic Time, Cost and Environmental Impact Optimization for Construction Processes  
**AWARD**: $307,855

**PI**: Mary Jo Trepka  
Epidemiology and Biostatistics  
**AWARDING SPONSOR**: National Center on Minority Health and Health Disparities  
**TITLE**: Retrospective Cohort Study of Racial Disparities in HIV Survival, Florida  
**AWARD**: $247,853

**PI**: Mohammed Hadi  
Civil and Environmental Engineering  
**AWARDING SPONSOR**: Florida Department of Transportation  
**TITLE**: Use of Dynamic Traffic Assignment in Support of Transportation Planning in Florida  
**AWARD**: $246,867
PI: Mario De La Rosa
School of Social Work
AWARDING SPONSOR: National Center on Minority Health and Health Disparities
TITLE: Center for Substance Use and AIDS Research on Latinos in the United States
AWARD: $ 241,006

PI: David Roelant
Applied Research Center
AWARDING SPONSOR: Office of Environmental Management
TITLE: Subproject: Florida International University’s Research Support to the Department of Energy’s Office of Environmental Management
AWARD: $ 212,823

PI: David Roelant
Applied Research Center
AWARDING SPONSOR: Office of Environmental Management
TITLE: Florida International University’s Research Support to the Department of Energy’s Office of Environmental Management
AWARD: $ 212,823

PI: Albert Gan
Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation
TITLE: An Integrated DB & Analysis System for Evaluation of Freeway Corridors for Potential Ramp Signaling
AWARD: $ 165,000

PI: Michelle Mason
Law Dean’s Office
AWARDING SPONSOR: Council on Legal Education Opportunity
TITLE: CLEO Summer Institute
AWARD: $ 143,750

PI: Albert Gan
Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation
TITLE: Standardization of Crash Analysis for Florida
AWARD: $ 142,726

PI: Gang Quan
Electrical and Computer Engineering
AWARDING SPONSOR: National Science Foundation
TITLE: CAREER: Power Aware Scheduling for Real-time embedded Systems
AWARD: $ 136,030

PI: Lorraine Bahrick
Psychology
AWARDING SPONSOR: National Institutes of Health
TITLE: Intersensory Perception of Social Events: Typical and Atypical Development
AWARD: $ 133,861
PI: William Anderson
Southeast Environmental Research Center
AWARDING SPONSOR: ST. John’s River Water Management District
TITLE: Assessment of the Cycling and Compartmentalization of Nitrogen And Phosphorous in Saturated Soils, Sediments and the Water Column in Lake Jesup, Florida
AWARD: $ 120,750

PI: Caroline Simpson
Physics
AWARDING SPONSOR: National Science Foundation
TITLE: Collaborative Research: Star Formation in Subcritical Environments
AWARD: $ 111,109

PI: Surendra Saxena
Mechanical and Materials Engineering
AWARDING SPONSOR: Latitude 18, Inc.
TITLE: LAT Mods
AWARD: $ 92,914

PI: Richard Bone
Physics
AWARDING SPONSOR: FIU Foundation
TITLE: Macular Pigment Research
AWARD: $ 85,000

PI: Emily Eisenhauer
Center for Labor Research and Studies
AWARDING SPONSOR: Miami Workers Center
TITLE: Build a Fair Recovery II
AWARD: $ 55,757

PI: Sharan Ramaswamy
Biomedical Engineering
AWARDING SPONSOR: American Heart Association
TITLE: Noninvasive Detection and Tracking of Cell Populations in the Development and Remodeling of Engineering Heart Valve
AWARD: $ 55,163

PI: Yong Cai
Southeast Environmental Research Center
AWARDING SPONSOR: Office of Environmental Management
TITLE: Subproject: Florida International University’s Research Support to the Department of Energy’s Office of Environmental Management
AWARD: $ 51,294

PI: John Landrum
Chemistry
AWARDING SPONSOR: FIU Foundation
TITLE: Subproject: Macular Pigment Research
AWARD: $ 50,000

PI: Adam Drisin
Architecture
AWARDING SPONSOR: Miami-Dade County School Board
TITLE: DASH Dual Enrollment
AWARD: $ 49,003
PI: Gang Quan  
Electrical and Computer Engineering  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CCLI: Novel Course Material Development for Embedded Systems Education in Undergraduate Computer Engineering Curriculum  
**AWARD:** $ 46,305

PI: Rudolf Jaffe  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Biomarker Analysis of Tree Island and Marsh Soils  
**AWARD:** $ 35,000

PI: Barry Rosen  
Medicine Dean’s Office  
**AWARDING SPONSOR:** National Institute of Allergy and Infectious Diseases  
**TITLE:** Metal Binding Domains in Metalloregulatory Proteins  
**AWARD:** $ 33,021

PI: Elena Bastida  
Health Promotion and Disease Prevention  
**AWARDING SPONSOR:** National Center on Minority Health and Health Disparities  
**TITLE:** Beyond SABOR: A Border Embedded Health Promotion  
**AWARD:** $ 32,858

PI: Hugh Gladwin  
Institute for Public Opinion Research  
**AWARDING SPONSOR:** SocResearch Miami  
**TITLE:** Behavioral Survey for the Georgia Hurricane Evacuation Study  
**AWARD:** $ 32,000

PI: Debbie Rowe-Millwood  
Law Dean’s Office  
**AWARDING SPONSOR:** Florida Bar Foundation  
**TITLE:** Public Service Fellowships  
**AWARD:** $ 32,000

PI: Julio Ibarra  
Center for Internet Augmented Research  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** IRNC-ProNet: Americas LightPaths: Increasing the Rate of Discovery  
**AWARD:** $ 31,846

PI: Javier Francisco-Ortega  
Biological Sciences  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Managing the Fairchild Challenge Program  
**AWARD:** $ 31,718

PI: Kenneth Feeley  
Biological Sciences  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Rainforest conservation and Ecology  
**AWARD:** $ 31,531
<table>
<thead>
<tr>
<th>PI</th>
<th>Title</th>
<th>Award</th>
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<tbody>
<tr>
<td>Craig Layman</td>
<td>Graduate Student Fellowship: Monitoring Loxahatchee River Oyster Restoration Projects</td>
<td>$30,140</td>
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<td>Michael Sukop</td>
<td>Multi-borehole Scale Lattice Boltzmann Modeling</td>
<td>$29,000</td>
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<td>Jeffrey Gruenewald</td>
<td>Extremist Homicide Project</td>
<td>$25,000</td>
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<tr>
<td>Raju Rangaswami</td>
<td>Subproject: Streamlining High-End Computing with Software Persistent Memory</td>
<td>$24,000</td>
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<tr>
<td>Rita Mukhopadhyay</td>
<td>Metalloid Transport and Drug Resistance Leishmania</td>
<td>$22,723</td>
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