Florida International University researchers were awarded $13,516,484 in August 2010. Listed below is a summary of awards received for $20,000 or more during the month of August.

PI: Massoud Milani
ENGINEERING DEAN'S OFFICE
AWARDING SPONSOR: Department of Education
TITLE: GEAR UP South Dade Empowerment Zone  
AWARD: $ 1,177,598

PI: Richard Olson
LATIN AMERICAN AND CARIBBEAN CENTER (LACC)
AWARDING SPONSOR: United States Agency for International Development (USAID)
TITLE: Disaster Risk Reduction in the Americas  
AWARD: $  951,043

PI: David Roelant
APPLIED RESEARCH CENTER (ARC)
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: $  777,700

PI: David Roelant
APPLIED RESEARCH CENTER (ARC)
AWARDING SPONSOR: Office of Environmental Management
TITLE: Florida International University's Research Support to the Department of Energy's Office of Environmental Management  
AWARD: $  703,601

PI: Eric F Wagner
COMMUNITY BASED INTERVENTION RESEARCH GROUP (C-BIRG)
AWARDING SPONSOR: National Institute on Drug Abuse (NIDA)
TITLE: Brief Intervention for Marijuana Use Among Latino Youth  
AWARD: $  637,835

PI: David Roelant
APPLIED RESEARCH CENTER (ARC)
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: $  577,887

PI: Marianna K Baum
DIETETICS AND NUTRITION
AWARDING SPONSOR: National Institute on Drug Abuse (NIDA)
TITLE: HIV and HIV/HCV-Infection, Disease Progression, Oxidatives Stress & Antioxidants  
AWARD: $  557,564
PI: Ray Thomlison  
SCHOOL OF SOCIAL WORK  
AWARDING SPONSOR: Our Kids of Miami-Dade/Monroe, Inc.  
TITLE: District 11 Our Kids, Inc.  
AWARD: $ 450,740

PI: David Roelant  
APPLIED RESEARCH CENTER (ARC)  
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: $ 428,364

PI: Madhavan Nair  
MEDICINE DEAN'S OFFICE  
AWARDING SPONSOR: National Institute on Drug Abuse (NIDA)  
TITLE: Immunopathogenesis of HIV-1 infection: Role of Methamphetamine  
AWARD: $ 401,725

PI: Mary Ann Von Glinow  
CENTER FOR INTERNATIONAL BUSINESS EDUCATION & RESE  
AWARDING SPONSOR: Department of Education  
TITLE: Center for International Business Education and Research  
AWARD: $ 390,800

PI: Fatma Huffman  
DIETETICS AND NUTRITION  
AWARDING SPONSOR: National Institute of Diabetes and Digestive and Kidney Diseases  
TITLE: CVD Risk in Minority Populations With and Without Type 2 Diabetes: Haitian & Black  
AWARD: $ 362,500

PI: Kalai Mathee  
MEDICINE DEAN'S OFFICE  
AWARDING SPONSOR: National Institute of General Medical Sciences  
TITLE: Regulation of P. Aeruginosa PoxB Oxacillinase by AmpR and a Two-Component System  
AWARD: $ 311,850

PI: Krish Jayachandran  
DEPARTMENT OF EARTH & ENVIRONMENT  
AWARDING SPONSOR: National Institute of Food and Agriculture  
TITLE: Biofuel Science Education for Under-Represented Students at Florida International University  
AWARD: $ 290,000

PI: SeyedMasoud Sadjadi  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: National Science Foundation  
TITLE: PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement  
AWARD: $ 260,575
PI: Laird Kramer  
**PHYSICS**  
**AWARDING SPONSOR:** Howard Hughes Medical Institute  
**TITLE:** FIU Science Collaborative Project  
**AWARD:** $250,000

PI: Joel Trexler  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Monitoring Fish and Decapod Crustaceans in the Southern Everglades  
**AWARD:** $236,068

PI: SeyedMasoud Sadjadi  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement - Participant Costs  
**AWARD:** $226,434

PI: David Roelant  
**APPLIED RESEARCH CENTER (ARC)**  
**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:** $225,512

PI: Leung Kim  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Cancer Institute  
**TITLE:** PP2A Regulates Development and Stress Responses  
**AWARD:** $217,500

PI: Diana Martinez Valle-Riestra  
**EDUCATIONAL AND PSYCHOLOGICAL STUDIES DEPARTMENT**  
**AWARDING SPONSOR:** Office of Special Education Programs  
**TITLE:** Project Natural Beginnings: Personnel Preparation for Early Childhood Special Educators  
**AWARD:** $199,999

PI: Berrin Serdar  
**ENVIRONMENTAL AND OCCUPATIONAL HEALTH**  
**AWARDING SPONSOR:** National Institute for Occupational Safety & Health  
**TITLE:** Polycyclic Aromatic Hydrocarbon Exposure and DNA Damage in Roofers  
**AWARD:** $188,921

PI: Kathleen S Rein  
**CHEMISTRY**  
**AWARDING SPONSOR:** National Institute of Environmental Health Sciences  
**TITLE:** Subproject: Advanced Research Cooperation in Environmental Health Research  
**AWARD:** $178,960
PI: Kathleen S Rein  
CHEMISTRY  
AWARDING SPONSOR: National Institute of Environmental Health Sciences  
TITLE: Advanced Research Cooperation in Environmental Health Research  
AWARD: $176,767

PI: Massoud Milani  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: Department of Education  
TITLE: GAANN Fellowships in Computer Science at Florida International University  
AWARD: $175,020

PI: William Pelham  
PSYCHOLOGY  
AWARDING SPONSOR: Society of Clinical Child and Adolescent Psychology  
TITLE: Dissemination Initiative  
AWARD: $155,702

PI: Stephen Leatherman  
INTERNATIONAL HURRICANE RESEARCH CENTER (IHRC)  
AWARDING SPONSOR: National Oceanic & Atmospheric Administration (NOAA)  
TITLE: The Florida Hurricane Alliance Research Program - Round 4 (Program Management, Coastal Vulnerability and Subcontracts)  
AWARD: $154,838

PI: Kevin O'Shea  
CHEMISTRY  
AWARDING SPONSOR: National Science Foundation  
TITLE: Collaborative Research: Novel Visible Light-Activated Titania(TiO2) Photocatalysis  
AWARD: $150,000

PI: Cristina Eguizabal  
LATIN AMERICAN AND CARIBBEAN CENTER (LACC)  
AWARDING SPONSOR: Department of Education  
TITLE: Title VI-National Resource Center  
AWARD: $142,461

PI: Rebecca Friedman  
SCHOOL OF INTERNATIONAL & PUBLIC AFFIARS (SIPA)  
AWARDING SPONSOR: European Commission  
TITLE: Subproject : Miami-Florida European Union Center of Excellence  
AWARD: $129,715

PI: Barry Rosen  
MEDICINE DEAN'S OFFICE  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Mechanisms of Arsenical Transport  
AWARD: $123,543
PI: Anuradha Godavarty
BIOMEDICAL ENGINEERING
AWARDING SPONSOR: Coulter (Wallace H.) Foundation
TITLE: A Novel Hand-Held Based Optical Imager Towards Real-Time Co-Registered Imaging of Breast Cancer
AWARD: $120,000

PI: Tiffany Troxler
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)
AWARDING SPONSOR: National Park Service
TITLE: Monitoring for Potential Water Quality Impacts along the Eastern Boundary of Everglades National Park, Including Taylor Slough
AWARD: $119,878

PI: Cristina Eguizabal
LATIN AMERICAN AND CARIBBEAN CENTER (LACC)
AWARDING SPONSOR: Department of Education
TITLE: Subproject: National Resource Center
AWARD: $118,336

PI: Kalai Mathee
MOLECULAR MICROBIOLOGY AND INFECTIOUS DISEASES
AWARDING SPONSOR: University of Miami
TITLE: Subproject: The Airway Microbiome in COPD
AWARD: $103,455

PI: Jorge N Zumaeta
COLLEGE OF CONTINUING AND PROFESSIONAL STUDIES
AWARDING SPONSOR: The Bernard Osher Foundation
TITLE: Osher Life Long Learning Institute
AWARD: $100,000

PI: Massoud Milani
CENTER FOR DIVERSITY IN ENGINEERING & COMPUTING
AWARDING SPONSOR: The Children's Trust
TITLE: FIU-ENLACE Miami/The Children’s Trust
AWARD: $99,830

PI: Michael Ross
DEPARTMENT OF EARTH & ENVIRONMENT
AWARDING SPONSOR: United States Army Corp of Engineers
TITLE: Subproject: Landscape Pattern-Ridge, Slough, and Tree Island Mosaics
AWARD: $96,046

PI: Wei-Chiang Lin
BIOMEDICAL ENGINEERING
AWARDING SPONSOR: Miami Childrens Hospital
TITLE: Novel Optical Guidance For Surgical Resection of Pediatric Neoplasic and Epileptogenic Brain Lesions
AWARD: $91,645

PI: Marianna K Baum
DIETETICS AND NUTRITION
AWARDING SPONSOR: National Institute on Drug Abuse (NIDA)
TITLE: Subproject: HIV and HIV/HCV-Infection, Disease Progression, Oxidatives Stress & Antioxidants
AWARD: $89,520
PI: Wei-Chiang Lin  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** Miami Childrens Hospital  
**TITLE:** DOD II: Multimodal Neuromonitoring and Neuroprotection in Critically III Children  
**AWARD:** $88,949

PI: Richard Burton  
**APPLIED RESEARCH CENTER (ARC)**  
**AWARDING SPONSOR:** Science Applications International Corporation  
**TITLE:** SAIC Interns  
**AWARD:** $81,033

PI: Evelyn Gaiser  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** FCE LTER II: Coastal oligotrophic ecosystems research  
**AWARD:** $79,000

PI: Joseph Boyer  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** Subproject: Water Quality Monitoring for the Florida Keys National Marine Sanctuary  
**AWARD:** $75,000

PI: Yong Cai  
**CHEMISTRY**  
**AWARDING SPONSOR:** National Institute of Environmental Health Sciences  
**TITLE:** Subproject: Advanced Research Cooperation in Environmental Health Research  
**AWARD:** $70,000

PI: Kathleen S Rein  
**CHEMISTRY**  
**AWARDING SPONSOR:** National Institute of Environmental Health Sciences  
**TITLE:** Subproject: Advanced Research Cooperation in Environmental Health Research  
**AWARD:** $70,000

PI: Ramiro Martinez  
**DEPARTMENT OF CRIMINAL JUSTICE**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: Local Context and Latino Growth: A Multilevel Investigation of Punitive Attitudes  
**AWARD:** $65,769

PI: Misak Sargsian  
**PHYSICS**  
**AWARDING SPONSOR:** Department of Energy  
**TITLE:** Theoretical Studies of High Energy Electro-Nuclear Processes  
**AWARD:** $57,600
PI: Henry Briceno  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Ecological Impacts on Biscayne National Park from Proposed South Miami-Dade Development  
**AWARD:** $ 57,000

PI: Alexander Agoulnik  
**MEDICINE DEAN'S OFFICE**  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Mechanisms of Renal Vasodilation by Relaxin  
**AWARD:** $ 54,535

PI: Gang Quan  
**ELECTRICAL AND COMPUTER ENGINEERING**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CSR: Small: Collaborative: Application-Aware Virtualization Techniques for Real-Time Embedded Computing on Defect-Tolerant Manycore Systems  
**AWARD:** $ 52,053

PI: Shu-Ching Chen  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** Purdue University  
**TITLE:** A Data Mining Framework for Enhancing Emergency Response Situation Reports with Multi-agency, Multi-Partner Multimedia Data  
**AWARD:** $ 45,000

PI: James Heffernan  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Hyporheic Nitrogen Metabolism of Spring Run and Blackwater Rivers  
**AWARD:** $ 42,100

PI: Steven Heine  
**INSTITUTE FOR ASIAN STUDIES (IAS)**  
**AWARDING SPONSOR:** Japan Foundation  
**TITLE:** Staff Expansion  
**AWARD:** $ 41,647

PI: Craig Layman  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: NSF Graduate Research Fellowship Program  
**AWARD:** $ 40,500

PI: Rebecca Vega  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: NSF Graduate Research Fellowship Program  
**AWARD:** $ 40,500

PI: Evelyn Gaiser  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: FCE LTER II: Coastal oligotrophic ecosystems Research  
**AWARD:** $ 36,000
PI: Javier Francisco-Ortega  
BIOLOGICAL SCIENCES  
AWARDING SPONSOR: Fairchild Tropical Botanic Garden  
TITLE: Managing The Fairchild Challenge Program  
AWARD: $33,651

PI: Naphtali D Rishe  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: National Science Foundation  
TITLE: Subproject: Center for Innovative Information Systems Engineering  
AWARD: $32,463

PI: Maureen C Kenny  
DEPARTMENT OF EDUCATIONAL LEADERSHIP AND POLICY ST  
AWARDING SPONSOR: The Children's Trust  
TITLE: KLAS: Kids Learning About Safety  
AWARD: $28,349

PI: Sofia Santiesteban  
PRE-COLLEGIATE PROGRAMS AND GRANTS  
AWARDING SPONSOR: Florida Education Fund  
TITLE: South Florida Center Of Excellence (COE)  
AWARD: $26,000

PI: Elena Bastida  
HEALTH PROMOTION AND DISEASE PREVENTION  
AWARDING SPONSOR: National Center on Minority Health and Health Disparities  
TITLE: Subproject: Beyond SABOR: A Border Embedded Health Promotion  
AWARD: $23,200

PI: Jason Liu  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: Global Environment for Network Innovations  
TITLE: PrimoGENI - REU Supplement  
AWARD: $23,200

PI: Yong Cai  
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)  
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: $22,997

PI: Pedro Greer  
MEDICINE DEAN'S OFFICE  
AWARDING SPONSOR: University of Oklahoma  
TITLE: Summit on Urban Health  
AWARD: $20,411

PI: Marilys R Nepomechie  
ARCHITECTURE  
AWARDING SPONSOR: National Renewable Energy Laboratory  
TITLE: 2011 Solar Decathlon  
AWARD: $20,000