Florida International University researchers were awarded $17,656,504 in June 2010. Listed below is a summary of awards received for $20,000 or more during the month of June.

**PI:** Malek Adjouadi
**ELECTRICAL AND COMPUTER ENGINEERING**
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** MRI-R2-Development of an Instrument for Information Science and Computing in Neuroscience
**AWARD:** $2,186,583

**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:** $1,355,289

**PI:** Robert 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:** $800,496

**PI:** Naphtali Rishe
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Subproject: MRI-R2-Development of an Instrument for Information Science and Computing in Neuroscience.
**AWARD:** $752,932

**PI:** Ray Thomlison
**SCHOOL OF SOCIAL WORK**
**AWARDING SPONSOR:** Florida Department of Children and Families
**TITLE:** Subproject: Child Welfare Preservice Curriculum Development Project.
**AWARD:** $675,783

**PI:** James Waxmonsky
**PSYCHIATRY**
**AWARDING SPONSOR:** National Institute of Mental Health
**TITLE:** A Novel Approach to Stimulant-Induced Weight Suppression and its Impact on Growth.
**AWARD:** $632,605

**PI:** Wendy Silverman
**PSYCHOLOGY**
**AWARDING SPONSOR:** National Institute of Mental Health
**TITLE:** Parental Mediation of Child Anxiety CBT Outcome.
**AWARD:** $629,095
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: $ 533,328

PI: Marianna Baum
DIETETICS AND NUTRITION
AWARDING SPONSOR: National Institute on Alcohol Abuse and Alcoholism
TITLE: Alcohol & Antiretrovirals in HIV Infection, Oxidative Stress and Liver Disease. AWARD: $ 529,280

PI: Richard Miltner
THE WOLFSNIAN
AWARDING SPONSOR: Knight (John S. and James L.) Foundation
TITLE: Art of Illumination: Illuminating the Arts AWARD: $ 500,000

PI: Robert Malow
STEMPEL SCHOOL OF PUBLIC HEALTH
AWARDING SPONSOR: National Institute on Drug Abuse (NIDA)
TITLE: Multi-level HIV Prevention for Pregnant Drug Abusers. AWARD: $ 487,957

PI: Fernando Noriega
BIOLOGICAL SCIENCES
AWARDING SPONSOR: National Institute of Allergy and Infectious Diseases
TITLE: Regulation of Juvenile Hormone Titers in Mosquitoes. AWARD: $ 462,770

PI: Joanne Youngblut
SCHOOL OF NURSING
AWARDING SPONSOR: National Institute of Nursing Research
TITLE: Death in the PICU/NICU: Parent and Family Functioning. AWARD: $ 402,676

PI: Maria-Jose Miguez
CRUSADA: CENTER FOR RESEARCH ON US LATINO AIDS/HIV/DRUG ABUSE
AWARDING SPONSOR: National Institute on Alcohol Abuse and Alcoholism
TITLE: Platelets Mediating Alcohol & HIV Damage. AWARD: $ 363,750

PI: Mohammed Hadi
CIVIL AND ENVIRONMENTAL ENGINEERING
AWARDING SPONSOR: Florida Department of Transportation
TITLE: Integrated Environment for Performance Measurements and Assessment of Intelligent Transportation Systems Operations. AWARD: $ 300,000

PI: Maria-Jose Miguez
HEALTH PROMOTION AND DISEASE PREVENTION
AWARDING SPONSOR: Florida Department of Health
TITLE: Cytokines an Underlying Cause of Health Disparities in Tobacco Related Diseases. AWARD: $ 299,953
PI: Gail Gregg  
**DEPARTMENT OF CURRICULUM AND INSTRUCTION**  
**AWARDING SPONSOR:** Early Learning Coalition of Miami Dade and Monroe  
**TITLE:** Data Management Services.  
**AWARD:** $290,000

PI: Sofia Santiesteban  
**UPWARD BOUND PROGRAM**  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** Upward Bound Program.  
**AWARD:** $289,289

PI: Nikolaos Tsoukias  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** National Heart, Lung, and Blood Institute  
**TITLE:** Theoretical and Experimental Investigations of Microcirculatory Signaling (SCI).  
**AWARD:** $280,000

PI: E. George Simms  
**STUDENT AFFAIRS**  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** Educational Talent Search.  
**AWARD:** $226,600

PI: Mohammed Hadi  
**CIVIL AND ENVIRONMENTAL ENGINEERING**  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Integrated Corridor Management and Advanced Technologies for Florida.  
**AWARD:** $200,000

PI: Albert Gan  
**CIVIL AND ENVIRONMENTAL ENGINEERING**  
**AWARDING SPONSOR:** Florida Department of Transportation/District Six  
**TITLE:** Technical and research Support for ITS and Traffic Engineering Projects LOA#1.  
**AWARD:** $200,000

PI: Elizabeth Cramer  
**EDUCATIONAL AND PSYCHOLOGICAL STUDIES DEPARTMENT**  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** Project IMPRESS.  
**AWARD:** $200,000

PI: Diana Valle-Riestra  
**EDUCATIONAL AND PSYCHOLOGICAL STUDIES DEPARTMENT**  
**AWARDING SPONSOR:** Office of Special Education Programs  
**TITLE:** Project PEACE (Preparing Educators about Autism through Collaborative Efforts).  
**AWARD:** $199,986

PI: Jeffrey Groom  
**SCHOOL OF NURSING**  
**AWARDING SPONSOR:** Miami Beach Anesthesiology Associates, Inc.  
**TITLE:** Miami Beach Anesthesiology Associates Faculty Support Agreement  
**AWARD:** $199,144

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Florida International University- Division of Research  
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PI: Robert Malow
HEALTH PROMOTION AND DISEASE PREVENTION
AWARDING SPONSOR: National Institute on Alcohol Abuse and Alcoholism
TITLE: Subproject : Intervening with Haitian HIV+ Alcohol Users: An Environmental Psychosocial Framework. AWARD: $ 198,951

PI: Jaroslava Miksovska
CHEMISTRY
AWARDING SPONSOR: National Science Foundation
TITLE: Conformational Dynamics Associated with Ca2+ Binding to DREAM Protein. AWARD: $ 174,424

PI: Dorothy Miller
DIVISION OF STUDENT AFFAIRS
AWARDING SPONSOR: Florida Department of Education
TITLE: Emergency Notification Technology for Public Universities and Colleges. AWARD: $ 161,396

PI: Michael Ross
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)
AWARDING SPONSOR: United States Army Corp of Engineers
TITLE: Monitoring of Tree Island Condition in the Southern Everglades. AWARD: $ 150,660

PI: Giri Narasimhan
SCHOOL OF COMPUTING AND INFORMATION SCIENCES
AWARDING SPONSOR: University of Miami
TITLE: The Airway Microbione in COPD. AWARD: $ 144,060

PI: Gary Rand
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)
AWARDING SPONSOR: Miami-Dade County/Water and Sewer Department
TITLE: Task Order# 2- Wetland Rehydration Project AWARD: $ 141,941

PI: Anthony McGoron
BIOMEDICAL ENGINEERING
AWARDING SPONSOR: FIU Foundation
TITLE: Eminent Chair. AWARD: $ 132,021

PI: Jaroslava Miksovska
CHEMISTRY
AWARDING SPONSOR: James and Esther King Biomedical Research Programs
TITLE: Conformational Dynamics in Vertebral Hexacoordiante Hemoglobins. AWARD: $ 126,479

PI: Steven Oberbauer
BIOLOGICAL SCIENCES
AWARDING SPONSOR: Duke University
TITLE: Response of carbon dioxide, water, and energy exchange of peat and marl wetlands in the Florida Everglades to changes in hydroperiod. AWARD: $ 125,885
PI: Quentin Felty  
**ENVIRONMENTAL AND OCCUPATIONAL HEALTH**  
**AWARDING SPONSOR:** Florida Department of Health  
**TITLE:** Metastases and Promotion of Aggressive Neovascular Phenotype in Breast Cancer.  
**AWARD:** $125,000

PI: Michael Ross  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** United States Army Corp of Engineers  
**TITLE:** Landscape Pattern-Marl Prairie/Slough Gradients.  
**AWARD:** $118,910

PI: Lidia Kos  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Institute of General Medical Sciences  
**TITLE:** Generation of a UV-Dependent Mouse Model of Melanoma.  
**AWARD:** $108,750

PI: Norman Munroe  
**APPLIED RESEARCH CENTER (ARC)**  
**AWARDING SPONSOR:** National Institute of General Medical Sciences  
**TITLE:** Enhanced Biocompatibility of NiTi (NITINOL) via Surface Treatment and Alloying.  
**AWARD:** $108,750

PI: Jai Parkash  
**STEMPEL SCHOOL OF PUBLIC HEALTH**  
**AWARDING SPONSOR:** National Institute of General Medical Sciences  
**TITLE:** Cytokines Dysregulate Intracellular Calcium and Cause Beta-Cell Death in Diabetes.  
**AWARD:** $108,750

PI: Watson Lees  
**CHEMISTRY**  
**AWARDING SPONSOR:** National Institute of General Medical Sciences  
**TITLE:** Using Visible Light to Modulate Biological Systems.  
**AWARD:** $106,500

PI: Naphtali Rishe  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** BlueRISC, Inc.  
**TITLE:** SBIR Phase II: Security Microchip for Mobile Devices.  
**AWARD:** $105,000

PI: Piero Gardinali  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** Water and Sewer Department  
**TITLE:** TASK ORDER #3 Biscayne Bay Coastal Wetland Rehydration Pilot Project.  
**AWARD:** $104,965

PI: Yifu Zhu  
**PHYSICS**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Manipulating Photon-Atom Interactions with Atomic Coherence and Interference.  
**AWARD:** $100,000
PI: Joseph Boyer  
**Southeast Environmental Research Center (SERC)**  
**Awarding Sponsor:** Environmental Protection Agency  
**Title:** Water Quality Monitoring for the Florida Keys National Marine Sanctuary  
**Award:** $100,000

PI: Tiffany Troxler  
**Southeast Environmental Research Center (SERC)**  
**Awarding Sponsor:** South Florida Water Management District (SFWMD)  
**Title:** Ecological Monitoring of Southern Everglades Wetlands, Mangrove Transition Zone and White Zone Interactions with Florida Bay.  
**Award:** $100,000

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:** $100,000

PI: Keqi Zhang  
**International Hurricane Research Center (IHRC)**  
**Awarding Sponsor:** National Oceanic & Atmospheric Administration (NOAA)  
**Title:** Understanding and Preparing for Hurricane Storm Surges - Round 2  
**Award:** $97,368

PI: Ray Thomlison  
**School of Social Work**  
**Awarding Sponsor:** Our Kids of Miami-Dade/Monroe, Inc.  
**Title:** District 11 Our Kids, Inc.  
**Award:** $90,148

PI: Anahid Kulwicki  
**School of Nursing**  
**Awarding Sponsor:** Health Resources and Services Administration  
**Title:** Advanced Education Nurse Traineeship at FIU: Graduate Nursing.  
**Award:** $85,798

PI: Ping Zhu  
**Department of Earth & Environment**  
**Awarding Sponsor:** Office of Science  
**Title:** Collaborative Research: ARM Observations for the Development and Evaluation of Models and Parameterizations of Cloudy Boundary Layers.  
**Award:** $78,999

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:** $78,295
PI: Anthony McGoron  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Young Inventor Program Endowment  
**AWARD:** $76,354

PI: Michael Sukop  
**DEPARTMENT OF EARTH & ENVIRONMENT**  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Everglades Restoration Hydrologic Modeling.  
**AWARD:** $75,000

PI: Fabian Cevallos  
**CIVIL AND ENVIRONMENTAL ENGINEERING**  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Needs Assessment for Transit and GIS Data Clearinghouse.  
**AWARD:** $73,850

PI: Jeffrey Groom  
**SCHOOL OF NURSING**  
**AWARDING SPONSOR:** Sheridan Health Corp., Inc.  
**TITLE:** Sheridan HealthCorp Faculty Support Agreement.  
**AWARD:** $71,852

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:** $71,075

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:** $65,814

PI: Anthony McGoron  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Biomedical Engineering Excellence Fund.  
**AWARD:** $64,791

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:** $62,661

PI: Ophelia Weeks  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Subproject: MARC Q’BIC (Quantifying Biology in the Classroom).  
**AWARD:** $53,545
PI: Joanne Youngblut  
**SCHOOL OF NURSING**  
**AWARDING SPONSOR:** National Institute of Nursing Research  
**TITLE:** Death in the NICU/PICU: Parent and Family Functioning Diversity Supplement.  
**AWARD:** $ 53,318

PI: Maria Logrono  
**LATIN AMERICAN AND CARIBBEAN CENTER (LACC)**  
**AWARDING SPONSOR:** Social Science Research Council  
**TITLE:** Islam in Latin America: Improving Media Coverage of Islam & Muslin Communities in LatAm.  
**AWARD:** $ 52,931

PI: William Anderson  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** Florida Department of Environmental Protection (FDEP)  
**TITLE:** LBSP Project 32: Using Cyanobacteria and Macroalgae Stable Isotopes as Anthropogenic Point and NOnt-Point Source Nutrient Indicators.  
**AWARD:** $ 50,001

PI: Osama Mohammed  
**ELECTRICAL AND COMPUTER ENGINEERING**  
**AWARDING SPONSOR:** Office of Naval Research  
**TITLE:** Research The Optimization of Vibratlon and Acoustic Noise for High Frequency Carrier.  
**AWARD:** $ 50,000

PI: Sofia Santiesteban  
**UPWARD BOUND PROGRAM**  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** Subproject: Upward Bound Program.  
**AWARD:** $ 49,654

PI: Himanshu Upadhyaya  
**APPLIED RESEARCH CENTER (ARC)**  
**AWARDING SPONSOR:** AECOM  
**TITLE:** AECOM -EMR.  
**AWARD:** $ 47,173

PI: Joseph Boyer  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** Government of Bermuda, Conservation Services  
**TITLE:** Subproject: Water Quality Monitoring Program for Bermuda’s Coastal Resources.  
**AWARD:** $ 45,311

PI: Naphtali Rishe  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: Center for Advanced Knowledge Enablement  
**AWARD:** $ 45,000

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Florida International University- Division of Research  
June 2010 Report
PI: Malek Adjouadi  
**ELECTRICAL AND COMPUTER ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Ware Foundation Research Endowment.  
**AWARD:** $44,461

PI: Malek Adjouadi  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** Miami Childrens Hospital  
**TITLE:** Functional Brain Mapping in Pediatric Epilepsy.  
**AWARD:** $40,000

PI: Edward Murray  
**METROPOLITAN CENTER**  
**AWARDING SPONSOR:** City of South Miami  
**TITLE:** City of South Miami Department Performance-Based Audit.  
**AWARD:** $35,000

PI: Anthony McGoron  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Biomedical Engineering Research Initiation Program.  
**AWARD:** $33,854

PI: Rebecca Vega  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: NSF Graduate Research Fellowship Program.  
**AWARD:** $32,622

PI: Dario Gonzalez  
**METROPOLITAN CENTER**  
**AWARDING SPONSOR:** Metropolitan Planning Organization  
**TITLE:** Metropolitan Planning Organization Community Characteristics Project.  
**AWARD:** $32,318

PI: Anthony McGoron  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Cardiovascular Engineering Center Fund  
**AWARD:** $31,108

PI: Anthony McGoron  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Biomedical Engineering Lecture Series Endowment.  
**AWARD:** $30,893

PI: Girma Bitsuamlak  
**CIVIL AND ENVIRONMENTAL ENGINEERING**  
**AWARDING SPONSOR:** Corning Incorporated  
**TITLE:** Phase II: Exploratory Full-Scale Wind load Testing of A Photovoltaic Module.  
**AWARD:** $27,536
PI: Paul Stuart  
**SCHOOL OF SOCIAL WORK**  
**AWARDING SPONSOR:** Florida Atlantic University  
**TITLE:** Title IV-E Education Program 2011-2016.  
**AWARD:** $26,759

PI: Edward Murray  
**METROPOLITAN CENTER**  
**AWARDING SPONSOR:** City of Opa-Locka  
**TITLE:** City of Opa-Locka EAR Based Amendments.  
**AWARD:** $25,000

PI: Naphtali Rishe  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: Collaborative Research: Center for Advanced Knowledge Enablement.  
**AWARD:** $25,000

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:** $23,703

PI: Gilbert Ramirez  
**SCHOOL OF SOCIAL WORK**  
**AWARDING SPONSOR:** Health Resources and Services Administration  
**TITLE:** Public Health Traineeship.  
**AWARD:** $20,824

PI: Carol Stepick  
**CENTER FOR LABOR RESEARCH AND STUDIES (CLRS)**  
**AWARDING SPONSOR:** New World Foundation  
**TITLE:** General Support for RISEP.  
**AWARD:** $20,000