Florida International University researchers were awarded $9,563,894 in June 2012. Listed below is a summary of awards received for the month of June.

**PI:** Alexander Agoulnik  
**DOR - DIVISION OF RESEARCH**  
**AWARDING SPONSOR:** FIU Division of Research  
**TITLE:** Small Molecule agonists of relaxin receptor  
**AWARD:** $30,000

**PI:** Hesham A Ali  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Louisiana Transportation Research Center  
**TITLE:** Asphalt Surface Treatments for Pavement Preservation  
**AWARD:** $30,000

**PI:** Consuelo Maria Beck Sague  
**HEALTH PROMO AND DISEASE PREV**  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Piloting disclosure of their status to youth living with HIV in Hispaniola  
**AWARD:** $228,630

**PI:** Linda P Blanton  
**COE TEACHING AND LEARNING**  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** Project EDUCATE  
**AWARD:** $298,697

**PI:** Deron E Burkepile  
**BIOLOGY**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Cascading Interactions of Herbivore Loss and Nutrient Enrichment on Coral Reef Macroalgae, Corals and Microbial Dynamic  
**AWARD:** $7,840

**PI:** Alexander D Casas  
**UNIVERSITY POLICE**  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Admin  
**TITLE:** Guard Services for the National Hurricane Center  
**AWARD:** $63,448

**PI:** Fabian G Cevallos  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** University of South Florida  
**TITLE:** Handbook on Transit Planning and Operations  
**AWARD:** $35,000
PI: Prem P Chapagain  
PHYSICS  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Computational Investigations of Monomeric Variants of Red Fluorescent Proteins  
AWARD: $ 108,750

PI: Marie Alexandra Cornelius  
HISTORY  
AWARDING SPONSOR: Miami-Dade County Public Schools  
TITLE: Teaching American History 7/12-6/13  
AWARD: $ 174,552

PI: Carol E Damian  
FROST ART MUSEUM  
AWARDING SPONSOR: Funding Arts Network  
TITLE: Reflection Across Time: Seminole Potraits  
AWARD: $ 15,000

PI: Maureen A Donnelly  
BIOLOGY  
AWARDING SPONSOR: National Science Foundation  
TITLE: Graduate Research Fellowship Program  
AWARD: $ 42,000

PI: James W Fourquarean  
SOUTHEAST ENV RESEARCH CTR  
AWARDING SPONSOR: National Park Service  
TITLE: The South Florida Caribbean Inventory and Monitoring Network Undergraduate Internship and Training Program  
AWARD: $ 138,308

PI: Stacy Lynn Frazier  
PSYCHOLOGY  
AWARDING SPONSOR: University of Illinois at Chicago  
TITLE: Ctr Study of Schools for Urban Children's Mental Health  
AWARD: $ 5,304

PI: Zhaohui J Fu  
LIBRARY OPERATIONS  
AWARDING SPONSOR: Miami-Dade County MPO  
TITLE: Transportation Outreach Planner  
AWARD: $ 120,000

PI: Cheng-Tin Gan  
CIVIL AND ENVIRON ENGINEERING  
AWARDING SPONSOR: Georgia Institute of Technology  
TITLE: Tier I University Transportation Center (UTC) Program Support  
AWARD: $ 160,000

PI: Cheng-Tin Gan  
CIVIL AND ENVIRON ENGINEERING  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: Technical and Research Support for ITS and Traffic Engineering Projects  
AWARD: $ 200,000
PI: Juan E Gonzalez  
**NURSING ANESTHESIOLOGY**  
**AWARDING SPONSOR:** Health Resources & Services Administration  
**TITLE:** Nurse Anesthetist Traineeship  
**AWARD:** $41,639

PI: Ana Cristina Souza Lima Gouvea  
**COMM SCIENCES AND DISORDERS**  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Monolingual and Bilingual Infants' Sensitivity to Agreement Morphology in Spanish  
**AWARD:** $144,100

PI: Michael R Heithaus  
**BIOLOGY**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Graduate Research Fellowship Program  
**AWARD:** $42,000

PI: Andrew Michael Higier  
**ARC APPLIED RESEARCH CENTER**  
**AWARDING SPONSOR:** Concurrent Technologies Corporation  
**TITLE:** Demonstration and Validation of Renewable Energy Suite  
**AWARD:** $104,948

PI: Julio E Ibarra  
**CIARA**  
**AWARDING SPONSOR:** Fundacion Centro Nacional de Innovacion Tecnologica  
**TITLE:** AMPATH International Exchange Point Participant Agreement Memorandum of Understanding between The Florida International University Board of Trustees and Centro Nacional de Innovacion Tecnologica(CENIT)(re: AMPATH / Internet2)  
**AWARD:** $240,000

PI: Julio E Ibarra  
**CIARA**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** IRNC-ProNet: Americas LightPaths: Increasing the Rate of Discovery and Enhancing Education across the Americas  
**AWARD:** $1,055,947

PI: Haiyan Jiang  
**EARTH AND ENVIRONMENT**  
**AWARDING SPONSOR:** NASA  
**TITLE:** Climatology of Hot Towers in Tropical Cyclones, and their Role in Tropical Cyclone Intensity Changes Based on 12 Years of TRIMM Data  
**AWARD:** $13,800

PI: Haiyan Jiang  
**EARTH AND ENVIRONMENT**  
**AWARDING SPONSOR:** NASA  
**TITLE:** Diurnal Cycle of Precipitation Features and Quantitative Comparison of Precipitation Algorithms in Tropical Cyclones  
**AWARD:** $30,000
PI: Xia Jin  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Parsons Brinckerhoff  
**TITLE:** BPM Base Year Update and Validation  
**AWARD:** $10,697

PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Graduate Fellowship in Biomedical Engineering Fund  
**AWARD:** $10,000

PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Biomedical Engineering Distinguished Professorship in Bioinstrumentation and Biomeasurement  
**AWARD:** $45,000

PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Biomedical Engineering Excellence Scholarship Fund  
**AWARD:** $15,000

PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Neural Enabled Prosthesis with Sensorimotor Integration  
**AWARD:** $670,229

PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Conference Support for Knowledge Transfer in Computational Neuroscience  
**AWARD:** $39,875

PI: Bohyun Kim  
**COM LIBRARY**  
**AWARDING SPONSOR:** University of Maryland  
**TITLE:** Medical E-book Lending Program for FIU Medical Library  
**AWARD:** $3,617

PI: Anahid Kulwicki  
**NURSING GRADUATE**  
**AWARDING SPONSOR:** Health Resources & Services Administrati  
**TITLE:** Nursing Workforce Diversity  
**AWARD:** $336,896

PI: Leonel E Lagos  
**ARC APPLIED RESEARCH CENTER**  
**AWARDING SPONSOR:** Science Applications International Corp.  
**TITLE:** SAIC Interns  
**AWARD:** $35,300
PI: Craig Layman
**Biology**
**Awarding Sponsor:** National Science Foundation  
**Title:** Graduate Research Fellowship Program  
**Award:** $1,500

PI: Craig Layman
**Biology**
**Awarding Sponsor:** Environmental Protection Agency  
**Title:** EPA Fellowship - Elizabeth Stoner  
**Award:** $15,130

PI: Chenzhong Li
**Biomedical Engineering**
**Awarding Sponsor:** Everglades Foundation  
**Title:** Micro Enzymatic Biosensor for Phosphate Detection in Everglades Water System  
**Award:** $10,000

PI: Chengxian Lin
**Mechanical and Mat Engineering**
**Awarding Sponsor:** American Society of Heating Refrigeration  
**Title:** Heat Transfer and Friction Factor Correlation for Low Air-side Reynolds Number Applications of Compact Heat Exchangers  
**Award:** $101,552

PI: Lindsay Catherine Malloy
**Psychology**
**Awarding Sponsor:** National Science Foundation  
**Title:** Graduate Research Fellowship Program  
**Award:** $42,000

PI: Ruth A Mc Ewen
**COB School of Accounting**
**Awarding Sponsor:** PricewaterhouseCoopers Charitable Founda  
**Title:** 2012 INQuires Program  
**Award:** $10,000

PI: Maria Jose Miguez Perez
**SISH**
**Awarding Sponsor:** Florida Department of Health  
**Title:** Cytokines an Underlying Cause of Health Disparities in Tobacco Related Disease  
**Award:** $204,958

PI: Maria Jose Miguez Perez
**SISH**
**Awarding Sponsor:** University of Florida  
**Title:** Pharmacotherapy for alcohol consumption in HIV Positive Women: Randomized Clinical Trail-Subproject  
**Award:** $176,515

PI: Jaroslava Mikovska
**Chemistry**
**Awarding Sponsor:** Florida Department of Health  
**Title:** Conformational Dynamics in Vertebral Hexacoordinate Hemoglobins  
**Award:** $130,292
PI: Masoud Milani  
**OSAS ENGINEERING AND COMPUTING**  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** STI-South Florida  
**AWARD:** $34,997

PI: De Etta Kay Mills  
**INT FORENSIC RSCH INSTITUTE**  
**AWARDING SPONSOR:** University of Central Florida  
**TITLE:** Development of PSM-Forensic Sciences  
**AWARD:** $3,000

PI: Amir Mirmiran  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Use of Fiber Reinforced Polymer Composite Cable for Post  
**AWARD:** $248,500

PI: Osama A Mohammed  
**ELEC AND COMPUTER ENG**  
**AWARDING SPONSOR:** University of Minnesota  
**TITLE:** A Nationwide Consortium of Universities to Revitalize Electric Power Engineering Education by State-of-the-Art Laboratories  
**AWARD:** $8,333

PI: Lesley A Northup  
**HONORS COLLEGE**  
**AWARDING SPONSOR:** Miami Foundation  
**TITLE:** FIU Honors College partnership with City of Sweetwater designed to engage students in projects improving the quality of life of local residents while providing students with advanced academic opportunities and integrate the university into the community  
**AWARD:** $10,000

PI: Laura A Ogden  
**SOUTHEAST ENV RESEARCH Ctr**  
**AWARDING SPONSOR:** Duke University  
**TITLE:** Collaborative Research: Ecological Homogenization of Urban America  
**AWARD:** $10,979

PI: William E Pelham Jr  
**CENTER FOR CHILDREN AND FAM**  
**AWARDING SPONSOR:** Children's Trust  
**TITLE:** Community Capacity Building on Evidence Based Treatments for Childhood and Adolescent Mental Health Problems  
**AWARD:** $98,000

PI: Rene M Price  
**SOUTHEAST ENV RESEARCH Ctr**  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Physical Science Monitoring and Data Management  
**AWARD:** $208,000
PI: Gilbert Ramirez  
ROBERT STEMPLE CP HSW DEANS OFF  
AWARDING SPONSOR: Health Resources & Services Administration  
TITLE: evidenced-based public health traineeships  
AWARD: $ 30,918

PI: Luis Salas  
CENTER FOR ADMIN OF JUSTICE  
AWARDING SPONSOR: U.S. Department of State  
TITLE: case tracking and performance system for costa rican narcotraffic prosecutors  
AWARD: $ 1,580,570

PI: Sofia Santiesteban  
STUDENT AFFAIRS VICE PRES OFF  
AWARDING SPONSOR: Florida Department of Education  
TITLE: FIU-College Reach Out Program (CROP)  
AWARD: $ 1,823

PI: Sofia Santiesteban  
COLLEGE ACCESS  
AWARDING SPONSOR: Florida Department of Agriculture and Co  
TITLE: Summer Food Summer Program food services for low income and first generation student who participate in the CROP Summer program  
AWARD: $ 2,463

PI: Sofia Santiesteban  
COLLEGE ACCESS  
AWARDING SPONSOR: Florida Department of Agriculture and Co  
TITLE: Summer Food Summer Program food services for low income and first generation student who participate in the UPWARD BOUND Summer program  
AWARD: $ 8,860

PI: Juan Pablo Sarmiento  
LATIN AMERICAN AND CARIB STU  
AWARDING SPONSOR: United Nations  
TITLE: Global Assessment Report 2013  
AWARD: $ 39,350

PI: Surendra K Saxena  
MECHANICAL AND MAT ENGINEERING  
AWARDING SPONSOR: FIU Foundation  
TITLE: Latitude cement  
AWARD: $ 2,425

PI: Margaret Scisney-Matlock  
NURSING UNDERGRADUATE  
AWARDING SPONSOR: Health Resources & Services Administrati  
TITLE: Culturally Competent Combined RN/MSN Program for Diverse Students  
AWARD: $ 362,450

PI: Margaret Scisney-Matlock  
NURSING AND HLTH SCI DEANS OFF  
AWARDING SPONSOR: Health Resources & Services Administrati  
TITLE: Nurse Faculty Loan Program  
AWARD: $ 91,570
| PI: Alex Stepick | CENTER LABOR RESEARCH STUDIES | AWARDING SPONSOR: Florida Immigrant Coalition | TITLE: Developing a Statewide Wage Theft Database | AWARD: $15,000 |
| PI: Alex Stepick | CENTER LABOR RESEARCH STUDIES | AWARDING SPONSOR: Miami Workers Center | TITLE: Participatory and Background Data Research for a Campaign to Promote Municipal ID Ordinance in Miami | AWARD: $12,625 |
| PI: John Stuart | ARCHITECT AND THE ARTS DEANS OFF | AWARDING SPONSOR: The Villagers Incorporated | TITLE: 2012 Villager Scholarships | AWARD: $12,000 |
| PI: Michael C Sukop | EARTH AND ENVIRONMENT | AWARDING SPONSOR: National Science Foundation | TITLE: Collaborative Research WSC Category 2:: Building robust decision-making for South Florida water resources through ecosystem service valuation, hydro-economic optimization and conflict resolution modeling | AWARD: $72,889 |
| PI: Georgio I Tachiev | ARC APPLIED RESEARCH CENTER | AWARDING SPONSOR: National Park Service | TITLE: Integrated Hydrological and Water Quality Model Using MIKE SHE and MIKE 11 Software | AWARD: $90,000 |
| PI: Berrin Tansel | CIVIL AND ENVIRONMENT ENGINEERING | AWARDING SPONSOR: Miami-Dade County Water and Sewer | TITLE: Miami-Dade Water and Sewer Department Graphics and Data Support Services | AWARD: $55,216 |
| PI: Joel C Trexler | SOUTHEAST ENV RESEARCH CTR | AWARDING SPONSOR: National Park Service | TITLE: Analyzing The Impact of The Intermediate Operating Plan(IOP) in The Eastern Everglades, Everglades National Park | AWARD: $221,718 |
| PI: Joel C Trexler | SOUTHEAST ENV RESEARCH CTR | AWARDING SPONSOR: National Park Service | TITLE: Freshwater fish monitoring in the Water Conservation Area 3 and Everglades National Park | AWARD: $213,273 |
PI: Nikolaos Tsoukias
FSRTA Faculty and Student Research
Awarding Sponsor: National Heart, Lung, & Blood Institute
Title: Theoretical and Experimental Investigations of Microcirculatory Signaling (SCI)
Award: $277,200

PI: Maria Elena Villar
Advertising and Public Relations
Awarding Sponsor: South Florida Behavioral Health Network
Title: FACES Social Marketing
Award: $30,000

PI: Ophelia I Weeks
Biology
Awarding Sponsor: General Medical Sciences
Title: Florida International University MARC U*STAR Program
Award: $256,849

PI: Ophelia I Weeks
Biology
Awarding Sponsor: National Institutes of Health
Title: MARC Q BIC (Quantifying Biology in the Classroom)
Award: $33,701

PI: Daniel Wescott
Chemistry
Awarding Sponsor: National Institute of Justice
Title: Graphical User Interface for a Multi-Factorial Age-At-Death Estimation Method Using Fuzzy Integrals
Award: $342,661