Florida International University researchers were awarded $5,010,274 in April 2010. Listed below is a summary of awards received for $20,000 or more during the month of April.

PI: Rebecca Vega  
Biological Sciences  
**AWARDING SPONSOR**: National Science Foundation  
**TITLE**: Effects of Viruses on Coral Fitness  
**AWARD**: $600,000

PI: Grover Larkins  
Electrical and Computer Engineering  
**AWARDING SPONSOR**: Air Force Office of Scientific Research  
**TITLE**: Doped Graphene and Graphite as a Potential High Temperature Superconductor  
**AWARD**: $405,068

PI: Jerry Miller  
Applied Research Center  
**AWARDING SPONSOR**: United States Southern Command  
**TITLE**: FIU & USSOUTHCOM Academic Partnership  
**AWARD**: $400,001

PI: Lorraine Bahrick  
Psychology  
**AWARDING SPONSOR**: National Institute of Child Health and Human Development  
**TITLE**: Development of Intermodal Perception of Social Events: Infancy to Childhood  
**AWARD**: $312,573

PI: Fenfei Leng  
Chemistry  
**AWARDING SPONSOR**: National Institute of Child Health and Human Development  
**TITLE**: Mechanisms of Transcription – Coupled DNA Supercoiling  
**AWARD**: $246,485

PI: Rene Herrera  
Human and Molecular Genetics  
**AWARDING SPONSOR**: National Institute of General Medical Sciences  
**TITLE**: Tissue Specific and Developmental Expression of snRNA Variants in the Silk Moth  
**AWARD**: $224,000

PI: Michael Heithaus  
Biological Sciences  
**AWARDING SPONSOR**: National Science Foundation  
**TITLE**: CAREER: Does Predator Intimidation Help Structure a Pristine Seagrass Community through Multiple Indirect Pathways?  
**AWARD**: $179,126
PI: Ophelia Weeks  
Biological Sciences  
AWARDING SPONSOR: National Institute of Health  
TITLE: Subproject: MARC Q’BIC (Quantifying Biology in the Classroom)  
AWARD: $ 159,851

PI: Michael Ross  
Southeast Environmental Research Center  
AWARDING SPONSOR: US Army Corps of Engineers  
TITLE: Cape Sable Seaside Sparrow Habitat Monitoring and Assessment 2010  
AWARD: $ 157,707

PI: Phillip Stoddard  
Biological Sciences  
AWARDING SPONSOR: National Science Foundation  
TITLE: Mechanisms of Signal Reliability and Assessment  
AWARD: $ 150,001

PI: David Bray  
Latin American and Caribbean Center  
AWARDING SPONSOR: Higher Education for Development  
TITLE: Student Training, Research, and Action on Restoring Soils and Forests, Establishing Seed Banks, and Promoting Payment for Environmental Services in Community Protected Areas and Coffee Farms in Oaxaca and Chiapas  
AWARD: $ 146,486

PI: Albert Gan  
Civil and Environmental Engineering  
AWARDING SPONSOR: Florida Department of Transportation District Four  
TITLE: ITS Research, Computer, and Miscellaneous Support (WO#11)  
AWARD: $ 125,000

PI: Bill King  
Public Safety  
AWARDING SPONSOR: National Oceanic & Atmospheric Administration  
TITLE: Guard Services for the National Hurricane Center  
AWARD: $ 119,621

PI: Lorraine Bahrick  
Psychology  
AWARDING SPONSOR: Autism Speaks  
TITLE: Attention to Social and Nonsocial Events in Children with Autism  
AWARD: $ 118,923

PI: Kate Rawlinson  
TheWolfsonian  
AWARDING SPONSOR: Rockefeller Foundation  
TITLE: Four Freedoms: Teen Thoughts on democracy Online  
AWARD: $ 115,000

PI: Margaret Maisel  
Clinical Programs  
AWARDING SPONSOR: Florida Bar Foundation  
TITLE: Children’s Education Advocacy Clinic  
AWARD: $ 113,300
**PI:** Richard Burton  
Applied Research Center  
**AWARDING SPONSOR:** Science Applications International Corporation  
**TITLE:** SAIC Support to KSC Interns Houston  
**AWARD:** $109,325

**PI:** Julio Ibarra  
CIARA: Center for Internet Augmented Research  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** IRNC-ProNet: Americas LightPaths: Increasing the Rate of Discovery  
**AWARD:** $106,677

**PI:** David Chatfield  
Chemistry  
**AWARDING SPONSOR:** National Institute of General Medical Sciences  
**TITLE:** Chloroperoxidase Catalytic Mechanisms  
**AWARD:** $84,006

**PI:** David Twigg  
Jack D. Gordon Institute for Public Policy & Citizenship Studies  
**AWARDING SPONSOR:** Office of the Director of National Intelligence  
**TITLE:** Program in National Security Studies  
**AWARD:** $78,840

**PI:** Madhavan Nair  
Medicine Dean’s Office  
**AWARDING SPONSOR:** National Institute on Drug Abuse  
**TITLE:** Immunopathogenesis of HIV-1 infection: Role of Methamphetamine  
**AWARD:** $77,203

**PI:** Fang Zhao  
Civil and Environmental Engineering  
**AWARDING SPONSOR:** Metropolitan Planning Organization  
**TITLE:** On-Line Safe Routes to School (SRTS) System Pilot Program  
**AWARD:** $75,000

**PI:** Yiding Cao  
Mechanical and Materials Engineering  
**AWARDING SPONSOR:** Thermofluids Solutions, Inc.  
**TITLE:** A Fundament Study of Cold Plates Based on the Concept of Reciprocating-Mechanism Driven Heat Loops  
**AWARD:** $75,000

**PI:** Haiyan Jiang  
Earth Sciences  
**AWARDING SPONSOR:** National Aeronautics & Space Administration  
**TITLE:** A TRMM-Based Tropical Cyclone Precipitation Feature Database And Its Usage on Intensification Study  
**AWARD:** $61,887

**PI:** Jason Liu  
School of Computing and Information Sciences  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: Immersive Large-Scale Network Simulations  
**AWARD:** $61,887
**PI:** Arindam Gan Chowdhury  
Civil and Environmental Engineering  
**AWARDING SPONSOR:** Florida Sea Grant College Program  
**TITLE:** Development of Test-Based Data on Hurricane-Induced Building Interior, Utility and Contents Damage for Improved Risk Prediction and Mapping  
**AWARD:** $58,857

**PI:** Evelyn Gaiser  
Southeast Environmental Research Center  
**AWARDING SPONSOR:** Everglades Foundation  
**TITLE:** Subproject: A Synthesis of Everglades Freshwater Research  
**AWARD:** $51,456

**PI:** Anthony J. McGoron  
Biomedical Engineering  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Biomedical Engineering Distinguished Professorship in Bioinstrumentation And Biomeasurement  
**AWARD:** $50,220

**PI:** Jennifer Rehage  
Environmental Studies  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** Habitat Use and Distributions of Native & Nonnative Fishes in Response to Hydrological Variation at LILA (PILOT STUDY)  
**AWARD:** $41,750

**PI:** Emily Eisenhauer  
Center for Labor Research and Studies  
**AWARDING SPONSOR:** Unitarian Universalist Veatch Program at Shelter Rock  
**TITLE:** Research Issues on Social and Economic Policy  
**AWARD:** $40,000

**PI:** Richard Burton  
Applied Research Center  
**AWARDING SPONSOR:** Science Applications International Corporation  
**TITLE:** SAIC Interns  
**AWARD:** $34,000

**PI:** Abdelhamid Meziani  
Mathematics  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: Workshop on Geometric Analysis of Several Complex Variables and Related Topics  
**AWARD:** $32,500

**PI:** Hong Liu  
Environmental Studies  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Comparative Ecology of the Rare Orchid Geodorum Eulophiodes and Its more Common Congeners in Southwest China  
**AWARD:** $30,299

**PI:** Berrin Tansel  
Center for Diversity in Engineering & Computing  
**AWARDING SPONSOR:** Junior Engineering Technical Society  
**TITLE:** JETS UNITE  
**AWARD:** $30,000
PI: Jean Andrian  
Electrical and Computer Engineering  
AWARDING SPONSOR: Science Applications International Corporation  
TITLE: Airborne Sensor Web Infrastructure Enhancements  
AWARD: $30,000

PI: Hugh Gladwin  
Institute for Public Opinion Research  
AWARDING SPONSOR: Division of Emergency Management  
TITLE: Subproject: PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement  
AWARD: $26,204

PI: Albert Gan  
Civil and Environmental Engineering  
AWARDING SPONSOR: Cambridge Systematic, Inc.  
TITLE: Development of 2060 Florida Transportation Plan (FTP) Web Portal  
AWARD: $25,013

PI: Leonard Scinto  
Southeast Environmental Research Center  
AWARDING SPONSOR: United States Geological Survey  
TITLE: Everglades Floc Decomposition Experiments  
AWARD: $24,871

PI: Laurel Collins  
Earth Sciences  
AWARDING SPONSOR: National Science Foundation  
TITLE: Subproject: Legacy Database of the Panama Paleontology Project  
AWARD: $20,185

PI: Yong Cai  
Southeast Environmental Research Center  
AWARDING SPONSOR: Everglades Foundation  
TITLE: The Interactions of Reduced Organic Sulfur and Mercury in the Florida Everglades  
AWARD: $20,000

PI: Mohammed Hadi  
Civil and Environmental Engineering  
AWARDING SPONSOR: Resource Systems Group, Inc.  
TITLE: Develop an Integrated, Advanced Travel Demand Model and a Fine-Grained Time Sensitive Network  
AWARD: $20,000