Florida International University researchers were awarded $6,071,981 in February 2013. Listed below is a summary of awards received for the month of February.

PI: Marisela Agudelo
COM IMMUNOLOGY
AWARDING SPONSOR: National Institutes of Health
TITLE: EtOH-induced Immunomodulation: Role of Histone Deacetylases and Cannabinoid Genes
AWARD: $ 89,963

PI: Hesham A Ali
CIVIL AND ENVIRON ENGINEERING
AWARDING SPONSOR: Florida Department of Transportation
TITLE: Long-Term Aging of Recycled Binders
AWARD: $ 225,952

PI: Mehmet E Bayraktar
CONSTRUCTION MANAGEMENT
AWARDING SPONSOR: Florida Department of Transportation
TITLE: Flume Model
AWARD: $ 15,000

PI: Kevin Boswell
BIOLOGY
AWARDING SPONSOR: Tenera Environmental
TITLE: Preserving Navigation Access for the War Fighter- Development of an Acoustic Marine Life Watch System to Support Corps Channel Maintenance and Enhancement Activities
AWARD: $ 15,000

PI: Mario R De La Rosa
CRUSADA
AWARDING SPONSOR: Minority Health and Health Disparities
TITLE: A Longitudinal Study of substance Abuse and HIV Risk Among Adult Latina Mother-Da
AWARD: $ 316,713

PI: Gloria Deckard
DEPT OF DEC SCI AND INFO SYS
AWARDING SPONSOR: Florida Agency for Health Care Administr
TITLE: Medicaid Reform
AWARD: $ 228,000

PI: Kenneth J Feeley
BIOLOGY
AWARDING SPONSOR: Fairchild Tropical Botanic Garden
TITLE: Rainforest Conservation and Ecology
AWARD: $ 18,772
PI: Irma B Fernandez  
**OFFICE OF COMMUNITY ENGAGEMENT**  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Education Effect  
**AWARD:** $89,914

PI: Sheldon D Fields  
**NURSING AND HLTH SCI DEANS OFF**  
**AWARDING SPONSOR:** Health Foundation of South Florida  
**TITLE:** The Health Effect  
**AWARD:** $27,000

PI: Ronald Philip Fisher  
**PSYCHOLOGY**  
**AWARDING SPONSOR:** University of Portsmouth  
**TITLE:** The Effect of Using Interpreters on Rapport Eliciting Information and Cues to Deceit  
**AWARD:** $12,357

PI: James W Fourquerean  
**BIOLOGY**  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** Aquarius Reef Base  
**AWARD:** $480,014

PI: Zhaohui J Fu  
**LIBRARY OPERATIONS**  
**AWARDING SPONSOR:** Broward Metropolitan Planning Org.  
**TITLE:** Transportation Outreach Planner for Broward MPO, Five-Year Maintenance Contract  
**AWARD:** $25,000

PI: Zhaohui J Fu  
**LIBRARY OPERATIONS**  
**AWARDING SPONSOR:** City of Coral Gables  
**TITLE:** Coral Gables Virtual History  
**AWARD:** $68,800

PI: Hector R Fuentes  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** NASA Dryden  
**TITLE:** WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space  
**AWARD:** $15,609

PI: Valerie A George  
**DIETETICS AND NUTRITION**  
**AWARDING SPONSOR:** South Broward Hospital District  
**TITLE:** Personal Responsibility Education Program (PREP)  
**AWARD:** $60,000

PI: Marin Maude Josette Gillis  
**COM HUMANITIES HLTH AND SOC**  
**AWARDING SPONSOR:** Arnold P. Gold Foundation The  
**TITLE:** Creating and developing a chapter of Gold Humanism Honor Society (GHHS)  
**AWARD:** $2,000
PI: Hugh Gladwin  
**INTERNATIONAL HURRICANE CENTER**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Communication and Understanding of Hurricane Sandy Storm Surge Forecast and Warning Information  
**AWARD:** $43,023

PI: Raul Gonzalez Jr  
**CENTER FOR CHILDREN AND FAM**  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Decision-Making and Episodic Memory in Trajectories to C  
**AWARD:** $19,118

PI: Jeffrey A Groom  
**NURSING UNDERGRADUATE**  
**AWARDING SPONSOR:** Sheridan HealthCorp Inc.  
**TITLE:** Sheridan HealthCorp Faculty Support Agreement  
**AWARD:** $122,594

PI: Mohammed A Hadi  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** STRIDE Internal Steering Committee  
**AWARD:** $4,500

PI: Maria D Ilcheva  
**METROPOLITAN CENTER**  
**AWARDING SPONSOR:** City of Miami  
**TITLE:** City of Miami Annexation Feasibility Study  
**AWARD:** $14,960

PI: John T Landrum  
**CHEMISTRY**  
**AWARDING SPONSOR:** Sigma Xi  
**TITLE:** Development of Macular Pigment in Rhesus monkey Retinas  
**AWARD:** $2,100

PI: Kingsley Lau  
**CIVIL AND ENVIRON ENGINEERING**  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Corrosion Evaluation of Novel Coatings for Steel Components of Highway Bridges  
**AWARD:** $141,955

PI: Craig Layman  
**BIOLOGY**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** FISH AGGREGATIONS AND BIOGEOCHEMICAL HOT SPOTS ACROSS REGIONAL ENVIRONMENTAL GRADIENTS  
**AWARD:** $657,849

PI: Chenzhong Li  
**BIOMEDICAL ENGINEERING**  
**AWARDING SPONSOR:** Everglades Foundation  
**TITLE:** Rapid and Low Cost Smart Biosensors for Phosphate and Organophosphate Detection  
**AWARD:** $20,000
PI: Hong Liu

**EARTH AND ENVIRONMENT**  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Preliminary study of the impacts of extreme weather on wild orchids in southwestern China  
**AWARD:** $31,100

PI: Hong Liu

**EARTH AND ENVIRONMENT**  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** GA for the Fairchild Challenge educational program  
**AWARD:** $23,460

PI: Hong Liu

**EARTH AND ENVIRONMENT**  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Conservation ecology of selected plants in Halmahera, Indonesia  
**AWARD:** $23,460

PI: Lindsay Catherine Malloy

**CENTER FOR CHILDREN AND FAM**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Children's Recantation of Adult Wrongdoing: In the Field and In the Lab  
**AWARD:** $159,970

PI: Assefa M Melesse

**EARTH AND ENVIRONMENT**  
**AWARDING SPONSOR:** NASA Dryden  
**TITLE:** WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space  
**AWARD:** $15,609

PI: Masoud Milani

**OSAS ENGINEERING AND COMPUTING**  
**AWARDING SPONSOR:** National Action Council for Minorities  
**TITLE:** 2009-10 NACME Scholars  
**AWARD:** $33,000

PI: Fernando Miralles-Wilhelm

**SOUTHEAST ENV RESEARCH CTR**  
**AWARDING SPONSOR:** NASA Dryden  
**TITLE:** WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space  
**AWARD:** $285,319

PI: Madhavan P Nair

**COM IMMUNOLOGY**  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Cocaine in the Neuropathogenesis of HIV infection: Role of HDAC-2  
**AWARD:** $363,559
PI: Maria Olenick  
**NURSING FEP BBC**  
**AWARDING SPONSOR:** Josiah Macy Jr. Foundation  
**TITLE:** A Culturally Competent Interprofessional Education Simulation Program for Multicultural Students in a Minority Serving Institution  
**AWARD:** $35,000

PI: Richard C Palmer  
**ROBERT STEMPLE CPHSW DEANS OFF**  
**AWARDING SPONSOR:** Health Foundation of South Florida  
**TITLE:** Healthy Aging Regional Collaborative  
**AWARD:** $169,706

PI: William E Pelham Jr  
**CENTER FOR CHILDREN AND FAM**  
**AWARDING SPONSOR:** Institute of Education Sciences  
**TITLE:** A Summer Preparatory Program for Middle and High School Students with ADHD  
**AWARD:** $1,030,305

PI: Rene M Price  
**SOUTHEAST ENV RESEARCH CTR**  
**AWARDING SPONSOR:** NASA Dryden  
**TITLE:** WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space  
**AWARD:** $15,609

PI: Jennifer Schopf Rehage  
**SOUTHEAST ENV RESEARCH CTR**  
**AWARDING SPONSOR:** U.S. Army Corps of Engineers  
**TITLE:** Role of Marsh-Mangrove Interface habitats as aquatic refuges for wetland fishes and other aquatic animals  
**AWARD:** $80,476

PI: Joerg Reinhold  
**PHYSICS**  
**AWARDING SPONSOR:** Office of Science  
**TITLE:** Nuclear Physics Research at Jefferson Lab  
**AWARD:** $475,000

PI: Michael Ross  
**SOUTHEAST ENV RESEARCH CTR**  
**AWARDING SPONSOR:** South Florida Water Management District  
**TITLE:** LILA Imagery and tree stress  
**AWARD:** $5,996

PI: Roberto J Rovira  
**LANDSCAPE ARCHITECTURE**  
**AWARDING SPONSOR:** City of Coral Gables  
**TITLE:** Coral Gables Virtual History  
**AWARD:** $35,200

PI: Juan Pablo Sarmiento  
**SCHOOL OF SOCIAL WORK**  
**AWARDING SPONSOR:** Pan American Health Organization  
**TITLE:** International Course on Disaster Emergency Preparedness and Response Management  
**AWARD:** $12,186

Florida International University  
Division of Research  
February 2013
**PI:** Yukching Tse Dinh  
**CHEMISTRY**  
**AWARDING SPONSOR:** Tres Cantos Open Lab Foundation  
**TITLE:** Identification of inhibitors of M. tuberculosis topoisomerase I for novel anti-TB therapy  
**AWARD:** $64,900

**PI:** Alayne Gail Unterberger  
**CENTER LABOR RESEARCH STUDIES**  
**AWARDING SPONSOR:** Florida Department of Health  
**TITLE:** A Comparison of Latino and White Construction Workers Safety and Health in South Florida  
**AWARD:** $25,110

**PI:** Joanne M Youngblut  
**NURSING UNDERGRADUATE**  
**AWARDING SPONSOR:** National Institute of Nursing Research  
**TITLE:** Children's Responses to Sibling Death in NICU/PICU in 3 Racial/Ethnic Groups  
**AWARD:** $470,822