Florida International University researchers were awarded $10,497,715 in August 2013. Listed below is a summary of awards received for the month of August.

**PI:** Consuelo Maria Beck Sague  
**Health Promo and Disease Prev**  
**Award Action Type:** Continuation  
**Awarding Sponsor:** National Institutes of Health  
**Title:** Piloting disclosure of their status to youth living with HIV in Hispaniola  
**Award:** $114,369

**PI:** Mahadev Bhat  
**Earth and Environment**  
**Award Action Type:** Continuation  
**Awarding Sponsor:** National Institute of Food & Agriculture  
**Title:** Florida Carribean Consortium for Agriculture Education and Hispanic Workforce Development  
**Award:** $825,000

**PI:** Linda Blanton  
**Coe Teaching and Learning**  
**Award Action Type:** Continuation  
**Awarding Sponsor:** U.S. Department of Education  
**Title:** Project EDUCATE  
**Award:** $242,991

**PI:** Kevin Boswell  
**Biology**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Prince William Sound Science Center  
**Title:** HRM-Non lethal sampling: In situ estimation of juvenile herring sizes  
**Award:** $40,070

**PI:** Henry Briceno  
**Southeast Env Research Ctr**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Government of Bermuda Conservation Svcs  
**Title:** Water Quality Monitoring Program for Bermuda’s Coastal Resources  
**Award:** $24,983

**PI:** Amaury Caballero  
**Elec and Computer Eng**  
**Award Action Type:** Initial  
**Awarding Sponsor:** Miami-Dade County Public Schools  
**Title:** Electrical Wiring Program for Severely Emotionally Disturbed Students  
**Award:** $87,456
PI: Yong Cai  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Emory University  
**TITLE:** Arsenic Induced Apoptosis in Myeloma  
**AWARD:** $ 11,948

PI: Fabian Gonzalo Cevallos  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of South Florida  
**TITLE:** Handbook on Transit Planning and Operations: Subproject for Mod1  
**AWARD:** $ 86,394

PI: Fabian Gonzalo Cevallos  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of South Florida  
**TITLE:** Handbook on Transit Planning and Operations: Subproject for Mod2  
**AWARD:** $ 130,000

PI: Shu-Ching Chen  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Purdue University  
**TITLE:** A Data Mining Framework for Enhancing Emergency Response Situation Reports with Multi-Agency, Multi-Partner, Multimedia Data  
**AWARD:** $ 75,000

PI: Erika K Coles  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Ohio University  
**TITLE:** Development of Strategies to Increase Teacher Integrity in a Daily Report Card Intervention for Children with or at-risk for ADHD  
**AWARD:** $ 190,804

PI: Marie Alexandra Cornelius  
**HISTORY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Education  
**TITLE:** Florida Teaching Quality (FTQ)  
**AWARD:** $ 199,232

PI: Marie Alexandra Cornelius  
**HISTORY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Education  
**TITLE:** Florida Teaching Quality (FTQ)  
**AWARD:** $ 299,232
PI: Elizabeth Cramer

COE TEACHING AND LEARNING

Award Action Type: Continuation

AWARDING SPONSOR: U.S. Department of Education

TITLE: Project PREPARE: Preparing Rigorous and Effective Professionals as Autism Researchers and Educators, focus area D: Project PREPARE

AWARD: $ 72,871

---

PI: Elizabeth Cramer

COE TEACHING AND LEARNING

Award Action Type: Continuation

AWARDING SPONSOR: U.S. Department of Education

TITLE: Project PREPARE: Preparing Rigorous and Effective Professionals as Autism Researchers and Educators, focus area D: Student Support Proj. PREPARE

AWARD: $ 177,128

---

PI: Anthony Paul De Caprio

INT FORENSIC RSCH INSTITUTE

Award Action Type: Continuation

AWARDING SPONSOR: National Cancer Institute

TITLE: Platform for High-Throughput Analysis of Protein Adducts for Carcinogen Exposure

AWARD: $ 173,262

---

PI: Jessy Devieux

DIVISION OF RESEARCH

Award Action Type: Initial

AWARDING SPONSOR: FIU Division of Research

TITLE: DORBRDG

AWARD: $ 55,432

---

PI: Jorge Duany

CUBAN RESEARCH INSTITUTE

Award Action Type: Initial

AWARDING SPONSOR: National Park Service

TITLE: Ethnographic Overview and Assessment of the San Juan National Historic Site: A Research Plan

AWARD: $ 64,779

---

PI: James W Fourqurean

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Increase

AWARDING SPONSOR: National Park Service

TITLE: Synthesis of Water Quality and Benthic Habitat

AWARD: $ 13,733

---

PI: James W Fourqurean

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Continuation

AWARDING SPONSOR: National Park Service

TITLE: Submerged Aquatic Vegetation & Water Quality Monitoring

AWARD: $ 105,000
PI: James W Fourqurean  
**BIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** EPA Fellowship - Elizabeth Stoner  
**AWARD:** $17,000

PI: James W Fourqurean  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Aeronautics & Space Administrat  
**TITLE:** NEEMO Sea Test 2  
**AWARD:** $80,000

PI: James W Fourqurean  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Naval Postgraduate School  
**TITLE:** Center for Autonomous Vehicle Research participation in NEEMO Aquarius mission  
**AWARD:** $40,000

PI: Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Extraction of Basic Roadway Information for Non-State Roads in Florida  
**AWARD:** $102,000

PI: Lei Guo  
** PHYSICS**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Jefferson Lab  
**TITLE:** Hadron Spectroscopy at Jefferson Lab  
**AWARD:** $8,955

PI: Rosemary L Hickey  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: Expanding the Use of Online Remote Electron Microscopy in the Classroom to Transform Undergraduate Geoscience Education  
**AWARD:** $332,451

PI: Michelle M Hospital  
**PSYCHOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Ware Foundation  
**TITLE:** Enhancing Resilience among At-Risk Minority Youth through Music Education: An Evaluation of ESMIA (aka, Project TREBLE) Resilience among At Risk Minority Youth through Music Education: An Evaluation of ESMIA (El Sistema)  
**AWARD:** $5,000
PI: Julio E Ibarra

CIARA

Award Action Type: Increase

AWARDING SPONSOR: National Science Foundation

TITLE: IRNC-ProNet: Americas LightPaths: Increasing the Rate of Discovery and Enhancing Education across the Americas

AWARD: $1,798,091

PI: Haiyan Jiang

EARTH AND ENVIRONMENT

Award Action Type: Initial

AWARDING SPONSOR: National Oceanic and Atmospheric Admin

TITLE: Improvement to the Satellite-based 37 GHz Ring Rapid Intensification Index

AWARD: $69,980

PI: Konstantinos Kavallieratos

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: U.S. Nuclear Regulatory Commission

TITLE: FIU Nuclear Scholarship (FNS) Program

AWARD: $200,000

PI: Laird H Kramer

PHYSICS

Award Action Type: Continuation

AWARDING SPONSOR: Office of Naval Research

TITLE: Pathways to success in STEM

AWARD: $191,770

PI: Leonel Lagos

ARC APPLIED RESEARCH CENTER

Award Action Type: Increase

AWARDING SPONSOR: Science Applications International Corp

TITLE: SAIC Interns

AWARD: $15,126

PI: Leonel Lagos

ARC APPLIED RESEARCH CENTER

Award Action Type: Initial

AWARDING SPONSOR: Savannah River Nuclear Solutions LLC

TITLE: Development of a Meso Scale Sensor Test bed for Insitu Decommissioning of Nuclear Facilities

AWARD: $27,870

PI: Angela Marie Richmond Laird

PHYSICS

Award Action Type: Continuation

AWARDING SPONSOR: UT Health Science Center San Antonio

TITLE: Meta-Analysis in Human Brain Mapping

AWARD: $77,210
PI: Chenzhong Li  
**BIOMEDICAL ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Burroughs Wellcome Fund  
**TITLE:** Chenzhong, Li-U.S.-China-Japan Collaborative Research: Lab-on-Chip Integrated Biological Synchrotron Radiation System for Nanotoxicity Assay  
**AWARD:** $5,000

PI: Juan Paulo Liuzzi  
**DIETETICS AND NUTRITION**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Alcohol Abuse and Alcoholism  
**TITLE:** Role of zinc in autophagy during ethanol exposure  
**AWARD:** $72,500

PI: Purnima Madhivanan  
**EPIDEMIOLOGY**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** University of California Berkeley  
**TITLE:** Global Health Fellows and Scholars Program  
**AWARD:** $8,587

PI: Lindsay Malloy  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Children's Recantation of Adult Wrongdoing: In the Field and In the Lab  
**AWARD:** $10,939

PI: Mark A Marine  
**ARCHITECT AND THE ARTS DEANS OFF**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** FDOT Water Repair Project  
**AWARD:** $34,850

PI: Pete Markowitz  
**PHYSICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Princeton University  
**TITLE:** MOU Between Fermi National Lab and FIU.  
**AWARD:** $30,000

PI: H Virginia McCoy  
**HEALTH PROMO AND DISEASE PREV**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** University of Puerto Rico  
**TITLE:** Florida Puerto Rico Public Health Research  
**AWARD:** $13,442
PI: Dwayne McDaniel
**ARC Applied Research Center**
**Award Action Type:** Continuation
**AWARDING SPONSOR:** Federal Aviation Administration
**TITLE:** Effect of Surface Contamination on Composite Bond Integrity and Durability
**AWARD:** $75,000

PI: Maria Jose Miguez Perez
**SISH**
**Award Action Type:** Increase
**AWARDING SPONSOR:** National Institutes of Health
**TITLE:** Role of BNDF on Risk Behavior Decision Making
**AWARD:** $427,934

PI: De Etta kay Mills
**Biology**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Sigma Xi
**TITLE:** Comparison of Two Novel Polymers using Capillary Electrophoresis for Bioseparations of Complex DNA Mixtures
**AWARD:** $530

PI: Joongho Moon
**Chemistry**
**Award Action Type:** Continuation
**AWARDING SPONSOR:** National Institutes of Health
**TITLE:** Multiphoton Probes for Biomedical Imaging
**AWARD:** $206,525

PI: Francisco Mora
**Latin American and Caribbean CTR**
**Award Action Type:** Increase
**AWARDING SPONSOR:** U.S. Department of Education
**TITLE:** Title VI-National Resource Center: National Resource Centers
**AWARD:** $67,321

PI: Francisco Mora
**Latin American and Caribbean CTR**
**Award Action Type:** Increase
**AWARDING SPONSOR:** U.S. Department of Education
**TITLE:** Title VI-National Resource Center: National Resource Centers
**AWARD:** $65,692

PI: Norman D Munroe
**Mechanical and Materials Engineering**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Parkson Corporation
**TITLE:** Corrosion assessment of stainless steel components of Parkson Corporation waste water treatment plants
**AWARD:** $13,500
PI: Edward P Murray  
METROPOLITAN CENTER  
Award Action Type: Supplemental  
AWARDING SPONSOR: Citizens Independent Transportation Trus  
TITLE: MARKET, DEMOGRAPHIC AND ECONOMIC ANALYTICAL SUPPORT  
AWARD: $10,000

PI: Edward P Murray  
METROPOLITAN CENTER  
Award Action Type: Initial  
AWARDING SPONSOR: Citizens Independent Transportation Trus  
TITLE: CITT - Market, Demographic and Economic Analytical Support - 8th Street and NW 147th Avenue  
AWARD: $15,000

PI: Michelle L Odai  
ATHLETIC TRAINING  
Award Action Type: Initial  
AWARDING SPONSOR: National Athletic Trainers' Association  
TITLE: Showcasing an Ethnically Diversity ATEP to Promote Student Recruitment, Retention, and Education  
AWARD: $1,850

PI: Nezih Pala  
ELEC AND COMPUTER ENG  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Power and Light  
TITLE: Building a Test Bed for Hybrid Photovoltaic Solar-Thermal (PVT) Systems  
AWARD: $75,000

PI: Amy R Paul Ward  
OCCUPATIONAL THERAPY  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Preparing Occupational Therapists to Practice in Schools (POPS)  
AWARD: $244,436

PI: William E Pelham Jr  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: University of Pittsburgh  
TITLE: The Development of Alcohol Use and Abuse in ADHD Adolescents  
AWARD: $47,339

PI: Raju Rangaswami  
COMPUTER INFO SCIENCES  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: CSR: Small: Non-blocking Writes  
AWARD: $481,367
PI: Raphael G Raptis  
**CHEMISTRY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Copper-Based Water-Oxidation Electro catalysts; Design, Synthesis and Characterization  
**AWARD:** $143,613

PI: Naphtali Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: Center for Advanced Knowledge Enablement: REU Supplement to I/UCRC CAKE  
**AWARD:** $16,000

PI: Naphtali Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: Center for Advanced Knowledge Enablement: VRS Supplement to I/UCRC Cake  
**AWARD:** $10,000

PI: Naphtali Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: Center for Advanced Knowledge Enablement: IUCRC INOV MD CAKE  
**AWARD:** $200,000

PI: Barry Philip Rosen  
**COM CELL BIOLOGY AND PHARM**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Mechanisms of arsenical transport  
**AWARD:** $450,023

PI: Michael S Ross  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** U.S. Fish and Wildlife Service  
**TITLE:** Three Florida Keys Research Needs  
**AWARD:** $17,625

PI: Jay Sah  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Re-sampling of Vegetation Survey Sites within Cape Sable seaside sparrow Habitat  
**AWARD:** $66,087
PI: Sofia Santiesteban  
**COLLEGE ACCESS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Agriculture and Co  
**TITLE:** CROP-SFSP 2013 Agreement #04-0636  
**AWARD:** $2,017

PI: Sofia Santiesteban  
**COLLEGE ACCESS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Agriculture and Co  
**TITLE:** UB-SFSP 2013 Agreement #04-0658  
**AWARD:** $8,668

PI: Dorret E Sawyers  
**MULTICULTURAL PROGRAMS MMC**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** Student Support Services Program  
**AWARD:** $200,534

PI: Surendra K Saxena  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Iowa State University  
**TITLE:** Sustainable Allow Design: Searching for Rare Earth Element Alternatives through Crystal Engineering  
**AWARD:** $20,000

PI: Sharon R Simon  
**NURSING UNDERGRADUATE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Health Resources & Services Administrati  
**TITLE:** Veterans to BSN Program  
**AWARD:** $335,420

PI: Dionne Stephens  
**PSYCHOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** American Psychological Association  
**TITLE:** Identifying intimate partner relationship scripts to reduce verbal sexual coercion among Hispanic emerging adults  
**AWARD:** $6,500

PI: Georgio Tachiev  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Integrated Hydrological and water quality model using MIKE SHE and MIKE 11 Software  
**AWARD:** $45,000
PI: Markus L Thiel
SIPA
Award Action Type: Continuation
AWARDING SPONSOR: European Commission
TITLE: Miami-Florida European Center of Excellence AWARD: $ 132,822

PI: Joel Trexler
SOUTHEAST ENVRESEARCH CTR
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Geological Survey
TITLE: Response of Fish to the DECOMP Physical Model AWARD: $ 86,728

PI: Joel Trexler
SOUTHEAST ENVRESEARCH CTR
Award Action Type: Continuation
AWARDING SPONSOR: National Park Service
TITLE: Analyzing The Impact of The Intermediate Operating Plan(IOP) in The Eastern Everglades, Everglades National Park AWARD: $ 205,000

PI: Tiffany Troxler
SOUTHEAST ENVRESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: National Park Service
TITLE: Ecological Assessment of Florida Bay and adjacent Mangrove Wetlands AWARD: $ 148,056

PI: David K Twigg
J GORDON INS PUB POL AND CITION
Award Action Type: Continuation
AWARDING SPONSOR: Defense Intelligence Agency
TITLE: Program in National Security Studies: Program in National Security AWARD: $ 101,724

PI: David K Twigg
J GORDON INS PUB POL AND CITION
Award Action Type: Continuation
AWARDING SPONSOR: Defense Intelligence Agency
TITLE: Program in National Security Studies: Online Certificate AWARD: $ 19,050

PI: Mary Ann Von Glinow
DEPT OF MGMT AND INTL BUSINESS
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Department of Education
TITLE: Center of International Business Education and Research AWARD: $ 167,514
PI: Anna H Wachnicka Kosiorek
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: U.S. Geological Survey
TITLE: A multi-proxy study of environmental change and ecological regime shift detection in Florida Bay and Biscayne Bay, Florida (USA) over the last ~100-1000 years
AWARD: $ 25,000

PI: Oren Dale Williams
BIOSTATISTICS
Award Action Type: Continuation
AWARDING SPONSOR: National Institutes of Health
TITLE: Strengthening Indian NCD Clinical Research and Training Capacity
AWARD: $ 213,385

PI: Yimin Zhu
CONSTRUCTION MANAGEMENT
Award Action Type: Initial
AWARDING SPONSOR: Environmental Protection Agency
TITLE: On Track to Carbon Neutral Buildings
AWARD: $ 15,000