Florida International University researchers were awarded $4,842,780 in July 2015. Listed below is a summary of awards received for the month of July.

**PI: Hesham A. Ali**  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Long Term Aging of Asphalt Binders used with Reclaimed Asphalt Pavement  
**AWARD:** $81,575

**PI: Priyanka Alluri**  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Statewide Training of Safety Analyst in Florida  
**AWARD:** $20,000

**PI: Shekhar Bhansali**  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Agricultural and Mechanical Univ  
**TITLE:** Bridge to doctorate 2015 Cohort  
**AWARD:** $6,911

**PI: Shekhar Bhansali**  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Agricultural and Mechanical Univ  
**TITLE:** Bridge to doctorate 2015 Cohort: Participant Support  
**AWARD:** $486,000

**PI: Deron Burkepile**  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Fish and Wildlife Conservation  
**TITLE:** Impacts of sedimentation on herbivory and the control of algal communities and coral health on Florida coral reefs  
**AWARD:** $25,000

**PI: Helen Z Cornely**  
**NURSING AND HLTH SCI DEANS OFF**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Health Resources & Services Administrati  
**TITLE:** Scholarship for Disadvantaged Students  
**AWARD:** $600,000
PI: Jeannette Cruz  
**MULTICULTURAL PROGRAMS** MMC  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Office of Postsecondary Education  
**TITLE:** Student Support Services 2015-2020  
**AWARD:** $ 220,000

PI: Mario R De La Rosa  
**CRUSADA**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Influence of Adult Latina Daughters on Older Latina Mothers HIV Risk and Protective Behaviors  
**AWARD:** $ 36,720

PI: George S Dulikravich  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Georgia Institute of Technology  
**TITLE:** Multi-Objective, Multi-Disciplinary Design Optimization of Multi-Floor, Microelectronics Cooling  
**AWARD:** $ 29,996

PI: Brian Fonseca  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** CACI International Inc  
**TITLE:** CERDEC Flight Activity (CFA) System Engineering Support  
**AWARD:** $ 20,000

PI: James Fourqurean  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Florida Bay Mudbank Vulnerability Assessment  
**AWARD:** $ 20,000

PI: James Fourqurean  
**BIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Admin  
**TITLE:** MOU between DOC, NOAA, NOS, ONMS & FKNMS  
**AWARD:** $ 1,052,592

PI: Ismail Guvenc  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** DOCOMO Innovations Inc  
**TITLE:** Compressive Sensing for Improving Accuracy of Fingerprint based Indoor Localization  
**AWARD:** $ 10,000
PI: Mohammed A Hadi  
CIVIL AND ENVIRON ENGINEERING  
Award Action Type: Initial  
AWARDING SPONSOR: URS Corporation  
TITLE: FITSEVAL Training, Review and Coordination with FDOT District 5  
AWARD: $ 10,198

PI: Katie Hart  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: Children's Trust  
TITLE: Read to Learn Summer Reading Explorer's Program  
AWARD: $ 536,811

PI: Kathryn Elizabeth Brogan Hartlieb  
DIETETICS AND NUTRITION  
Award Action Type: Continuation  
AWARDING SPONSOR: Wayne State University  
TITLE: Patient-Provider Communication to Promote Health Behavior Change in African American Adolescents  
AWARD: $ 19,069

PI: Maria Ilcheva  
METROPOLITAN CENTER  
Award Action Type: Initial  
AWARDING SPONSOR: City of Miami  
TITLE: City of Miami Annexation Feasibility Study, 2015  
AWARD: $ 9,954

PI: Sundararaj Sitharama Iyengar  
COMPUTER INFO SCIENCES  
Award Action Type: Initial  
AWARDING SPONSOR: Army Research Office  
TITLE: Cyber Science, Biometrics and Digital Forensics: Workshop on Emerging Cyber Techniques and Technologies  
AWARD: $ 11,660

PI: Sundararaj Sitharama Iyengar  
COMPUTER INFO SCIENCES  
Award Action Type: Initial  
AWARDING SPONSOR: Army Research Office  
TITLE: Cyber Science, Biometrics and Digital Forensics: Workshop on Emerging Cyber Techniques and Technologies: Participant Support  
AWARD: $ 20,340

PI: Xia Jin  
CIVIL AND ENVIRON ENGINEERING  
Award Action Type: Initial  
AWARDING SPONSOR: University of Florida  
TITLE: STRIDE Summer Internship 2015  
AWARD: $ 4,350
PI: Konstantinos Kavallieratos  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Savannah River Nuclear Solutions LLC  
**TITLE:** Development of an Alternative Solvent Extraction Technology for Combined Cesium and Actinide Separation for High-Level Waste Treatment  
**AWARD:** $297,935

PI: Purnima Madhivanan  
**Epidemiology**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Merck & Co. Inc. MSD Pharmaceuticals Priv  
**TITLE:** Survey of predictors of HPV vaccination among parents of rural adolescent girls in Mysore Taluk, Mysore District, India  
**AWARD:** $25,977

PI: Mark A Marine  
**ARCHITECT AND THE ARTS DEANS OFF**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** City of Miami Beach  
**TITLE:** City of Miami Beach Fly-over Bridge  
**AWARD:** $7,000

PI: Wasim Maziak  
**Epidemiology**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Tobacco Control Research and Capacity Building  
**AWARD:** $301,297

PI: Ali Mostafavidarani  
**Construction Management**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Assessment of Cascading Failures and Collective Recovery of Interdependent Critical Infrastructure in Catastrophic Disasters: A Study of 2015 Nepal's Earthquake  
**AWARD:** $49,962

PI: Norman D Munroe  
**OSAS ENGINEERING AND COMPUTING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** NSTI Summer Camp 2015 (FLAME)  
**AWARD:** $38,517

PI: Rajamani S Narayanan  
**Physics**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Lattice Field Theory and Hadronic Physics  
**AWARD:** $101,658
PI: Adly Norelus
STUDENT AFFAIRS VICE PRES OFF
Award Action Type: Increase
AWARDING SPONSOR: Florida Department of Agriculture and Co
TITLE: Summer Food Service Program
AWARD: $ 12,922

PI: Mark Padilla
LATIN AMERICAN AND CARIB CTR
Award Action Type: Increase
AWARDING SPONSOR: University of Puerto Rico
TITLE: Physicians and Health Related Services for Male-to-Female Transgender Persons
AWARD: $ 10,768

PI: Jeremy W Pettit
CENTER FOR CHILDREN AND FAM
Award Action Type: Continuation
AWARDING SPONSOR: National Institute of Mental Health
TITLE: Attention Bias Modification Training in Youth with Subthreshold Impairing Anxiety
AWARD: $ 182,030

PI: Eliane E Ramos
COMM SCIENCES AND DISORDERS
Award Action Type: Initial
AWARDING SPONSOR: Health Resources & Services Administrati
TITLE: Scholarship for Disadvantaged Students
AWARD: $ 150,000

PI: Naphtali D Rishe
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: I/UCRC Phase II: Center for Advanced Knowledge Enablement
AWARD: $ 16,000

PI: Mauricio Rodriguez-Lanetty
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
AWARD: $ 150,000

PI: Michael C Sukop
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: Colorado State University
TITLE: Urban Water Innovation Network (U-WIN): Transitioning Toward Sustainable Water Systems
AWARD: $ 44,682
PI: David K Twigg
J GORDON INS PUB POL AND CITI
Award Action Type: Continuation
AWARDING SPONSOR: Defense Intelligence Agency
TITLE: Program in National Security Studies
AWARD: $ 121,145

PI: Feion M Villodas
CENTER FOR CHILDREN AND FAM
Award Action Type: Initial
AWARDING SPONSOR: Children's Trust
TITLE: After-school support program for youth at-risk for behavior problems
AWARD: $ 2,961

PI: Changwon Yoo
BIOSTATISTICS
Award Action Type: Continuation
AWARDING SPONSOR: National Institutes of Health
TITLE: Identifying Key Genes that cause Aggressive Brain Cancer
AWARD: $ 108,750