Florida International University researchers were awarded $7,781,873 in August 2011. Listed below is a summary of awards received for $20,000 or more during the month of August.

**PI: Julio Ibarra**  
**CIARA: CENTER FOR INTERNET AUGMENTED RESEARCH**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** IRNC-ProNet: Americas LightPaths: Increasing the Rate of Discovery and Enhancing Education across the Americas.  
**AWARD:** $1,184,890

**PI: Wendy K Silverman**  
**PSYCHOLOGY**  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Parental Mediation of Child Anxiety CBT Outcome.  
**AWARD:** $600,378

**PI: Suzanna Rose**  
**WOMEN’S STUDIES CENTER**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** The ACE Partnership for Adaptation, Implementation, and Dissemination: Awareness of, Commitment to, and Empowerment of Women Scientists at FIU.  
**AWARD:** $573,419

**PI: Leonard Bliss**  
**DEPARTMENT OF EDUCATIONAL LEADERSHIP AND POLICY ST**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Collaborative Research: Pathways of Blacks and Hispanics in Engineering Education.  
**AWARD:** $448,153

**PI: Joseph Boyer**  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** Water Quality Monitoring Project for The FKNMS & SW Florida Shelf  
**AWARD:** $420,000

**PI: Deng Pan**  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CSR: Small: A Scalable and Efficient Framework for Switch Virtualization.  
**AWARD:** $349,988

**PI: Joerg Reinhold**  
**PHYSICS**  
**AWARDING SPONSOR:** Office of Nuclear Energy, Science and Technology  
**TITLE:** Nuclear Physics Research at Jefferson Lab.  
**AWARD:** $271,519
PI: SeyedMasoud Sadjadi  
**School of Computing and Information Sciences**  
**Awarding Sponsor:** National Science Foundation  
**Title:** PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement.  
**Award:** $266,650

PI: Jiuhua Chen  
**Mechanical and Materials Engineering**  
**Awarding Sponsor:** Department of Energy  
**Title:** Influence of Pressure on Physical Property of Ammonia Borane and its Re-hydrogenation.  
**Award:** $245,000

PI: SeyedMasoud Sadjadi  
**School of Computing and Information Sciences**  
**Awarding Sponsor:** National Science Foundation  
**Title:** Subproject: PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement.  
**Award:** $233,343

PI: Stanislaw Wnuk  
**Department of Chemistry and Biochemistry**  
**Awarding Sponsor:** National Cancer Institute  
**Title:** Nucleoside and Carbohydrate-based Enzyme Inhibitors.  
**Award:** $215,325

PI: Diana Martinez Valle-Riestra  
**Educational and Psychological Studies Department**  
**Awarding Sponsor:** Office of Special Education Programs  
**Title:** Project Natural Beginnings: Personnel Preparation for Early Childhood Special Educators.  
**Award:** $199,930

PI: Joongho Moon  
**Department of Chemistry and Biochemistry**  
**Awarding Sponsor:** National Institutes of Health  
**Title:** Multiphoton Probes for Biomedical Imaging.  
**Award:** $195,992

PI: James Fourqurean  
**Southeast Environmental Research Center (SERC)**  
**Awarding Sponsor:** Environmental Protection Agency  
**Title:** Seagrass Monitoring in the Florida Keys National Marine Sanctuary FY 2010-2011.  
**Award:** $190,000

PI: Masoud Milani  
**School of Computing and Information Sciences**  
**Awarding Sponsor:** Department of Education  
**Title:** GAANN Fellowships in Computer Science at Florida International University.  
**Award:** $175,900
PI: Leung Kim
**THE DEPARTMENT OF BIOLOGICAL SCIENCES**
**AWARDING SPONSOR:** National Cancer Institute
**TITLE:** PP2A Regulates Development and Stress Responses.  
**AWARD:** $171,825

PI: Heidi Alvarez
**CIARA: CENTER FOR INTERNET AUGMENTED RESEARCH**
**AWARDING SPONSOR:** University of Illinois at Chicago
**TITLE:** PIRE: Open Science Data Cloud.  
**AWARD:** $130,000

PI: Xiaosheng Li
**MATHEMATICS**
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Inverse Boundary Value Problems.  
**AWARD:** $116,461

PI: James Heffernan
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**
**AWARDING SPONSOR:** United States Army Corp of Engineers
**TITLE:** Landscape Pattern-Ridge, Slough, and Tree Island Mosaics.  
**AWARD:** $111,525

PI: Michael Ross
**DEPARTMENT OF EARTH & ENVIRONMENT**
**AWARDING SPONSOR:** United States Army Corp of Engineers
**TITLE:** Subproject: Landscape Pattern-Ridge, Slough, and Tree Island Mosaics.  
**AWARD:** $100,904

PI: David Twigg
**APPLIED RESEARCH CENTER (ARC)**
**AWARDING SPONSOR:** Norfolk State University
**TITLE:** Subproject: Building Bridges: Partnering with Academia to Address National Security Concerns.  
**AWARD:** $100,000

PI: Naphtali D Rishe
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** CREST: Center for Innovative Information Systems Engineering.  
**AWARD:** $100,000

PI: Elizabeth Cramer
**EDUCATIONAL AND PSYCHOLOGICAL STUDIES DEPARTMENT**
**AWARDING SPONSOR:** Department of Education
**TITLE:** Project CREATE.  
**AWARD:** $99,938

PI: Zhenyu Yang
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**
**AWARDING SPONSOR:** National Science Foundation
**AWARD:** $98,454
PI: Haiyan Jiang  
**DEPARTMENT OF EARTH & ENVIRONMENT**  
**AWARDING SPONSOR:** National Aeronautics & Space Administration  
**TITLE:** The Relationship Between Environmental Factors, Convection, and Precipitation in Tropical Cyclones.  
**AWARD:** $96,194

PI: Nezih Pala  
**ELECTRICAL AND COMPUTER ENGINEERING**  
**AWARDING SPONSOR:** Qatar University  
**TITLE:** Integrated Terahertz Technologies For Methane Gas Production From Clathrates and Its Real Time Analysis.  
**AWARD:** $92,438

PI: Naphtali D Rishe  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** GOALI: Program 3 Supplement to FIU's Center for Innovative Information Systems Engineering.  
**AWARD:** $75,000

PI: Dwayne McDaniel  
**APPLIED RESEARCH CENTER (ARC)**  
**AWARDING SPONSOR:** The Federal Aviation Administration (FAA)  
**TITLE:** Identification & Validation of Analytical Chemistry Methods for Detecting Composite Surface Contamination and Moisture, Phase I, Effect of Surface Contamination on Composite Bond Integrity and Durability, Phase II.  
**AWARD:** $75,000

PI: Joseph Boyer  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** Department of the Interior/National Park Service  
**TITLE:** Renewal: Provide office services and operational technical support to the South Florida Ecosystem Restoration Task Force, Office of the Executive Director.  
**AWARD:** $70,000

PI: Cristina Eguizabal  
**LATIN AMERICAN AND CARIBBEAN CENTER (LACC)**  
**AWARDING SPONSOR:** Department of Education  
**TITLE:** Subproject: National Resource Center.  
**AWARD:** $66,036

PI: Jennifer Rehage  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** United States Geological Survey  
**TITLE:** The Role of Marsh-Mangrove Interface Habitats as Aquatic.  
**AWARD:** $60,000

PI: Yifu Zhu  
**PHYSICS**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Manipulating Photon-Atom Interactions with Atomic Coherence and Interference.  
**AWARD:** $50,000
PI: Evelyn Gaiser  
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)  
AWARDING SPONSOR: National Science Foundation  
TITLE: FCE LTER II: Coastal oligotrophic ecosystems research.  
AWARD: $48,700

PI: Ophelia Weeks  
THE DEPARTMENT OF BIOLOGICAL SCIENCES  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Subproject: MARC Q'BIC (Quantifying Biology in the Classroom).  
AWARD: $45,297

PI: Heidi Alvarez  
CIARA: CENTER FOR INTERNET AUGMENTED RESEARCH  
AWARDING SPONSOR: University of Illinois at Chicago  
TITLE: Subproject: PIRE: Open Science Data Cloud.  
AWARD: $45,000

PI: Evelyn Gaiser  
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)  
AWARDING SPONSOR: National Science Foundation  
TITLE: Subproject: FCE LTER II: Coastal oligotrophic ecosystems research.  
AWARD: $33,620

PI: Leonel Lagos  
APPLIED RESEARCH CENTER (ARC)  
AWARDING SPONSOR: Science Applications International Corporation  
TITLE: SAIC Interns.  
AWARD: $31,000

PI: Haiyan Jiang  
DEPARTMENT OF EARTH & ENVIRONMENT  
AWARDING SPONSOR: National Aeronautics & Space Administration  
TITLE: Climatology of Hot Towers in Tropical Cyclones, and their Role in Tropical Cyclone Intensity Changes Based on 12 Years of TRIMM Data.  
AWARD: $30,000

PI: Georgio Tachiev  
APPLIED RESEARCH CENTER (ARC)  
AWARDING SPONSOR: National Park Service  
TITLE: Integrated Hydrological and Water Quality Model Using MIKE SHE and MIKE 11 Software.  
AWARD: $30,000

PI: Haiyan Jiang  
DEPARTMENT OF EARTH & ENVIRONMENT  
AWARDING SPONSOR: National Aeronautics & Space Administration  
TITLE: Diurnal Cycle of Precipitation Features and Quantitive Comparison of Precipitation Algorithms in Tropical Cyclones.  
AWARD: $29,902
PI: Suzanna Rose  
**PSYCHOLOGY**  
**AWARDING SPONSOR:** The Children's Trust  
**TITLE:** The LEAN Project.  
**AWARD:** $29,878

PI: Craig Layman  
**THE DEPARTMENT OF BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: NSF Graduate Research Fellowship Program.  
**AWARD:** $25,700

PI: Laura Ogden  
**DEPARTMENT OF GLOBAL AND SOCIOCULTURAL STUDIES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: NSF Graduate Research Fellowship Program.  
**AWARD:** $25,700

PI: Naphtali D Rishe  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Subproject: Collaborative Research: Center for Advanced Knowledge Enablement.  
**AWARD:** $24,500

PI: Anna H Wachnicka Kosiorek  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
**AWARDING SPONSOR:** United States Geological Survey  
**TITLE:** A multi-proxy study of environmental change and ecologic.  
**AWARD:** $24,381

PI: Hong Liu  
**DEPARTMENT OF EARTH & ENVIRONMENT**  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Graduate Assistantship.  
**AWARD:** $23,460

PI: Albert Gan  
**CIVIL AND ENVIRONMENTAL ENGINEERING**  
**AWARDING SPONSOR:** PB Americas, Inc.(Parsons Brinckerhoff)  
**TITLE:** FSUTMSONline and Standard Reports Support.  
**AWARD:** $20,000