Florida International University researchers were awarded $8,746,787 in July 2010. Listed below is a summary of awards received for $20,000 or more during the month of July.

**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:** $ 958,987

**PI:** Naphtali Rishe  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CREST: Center for Innovative Information Systems Engineering  
**AWARD:** $ 645,000

**PI:** Luis Salas  
**CENTER FOR ADMINISTRATION OF JUSTICE**  
**AWARDING SPONSOR:** Bureau of International Narcotics and Law Enforcement Affairs  
**TITLE:** Enforcement and Rule of Law Programs for Countries in Central America  
**AWARD:** $ 600,000

**PI:** Shahid Hamid  
**INTERNATIONAL HURRICANE RESEARCH CENTER (IHRC)**  
**AWARDING SPONSOR:** Florida Office of Insurance Regulation DFS  
**TITLE:** Public Hurricane Loss Model  
**AWARD:** $ 473,081

**PI:** Raju Rangaswami  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CSR: Small: Energy Proportional Storage Systems  
**AWARD:** $ 472,163

**PI:** Sharon Pontious  
**SCHOOL OF NURSING**  
**AWARDING SPONSOR:** Health Resources and Services Administration  
**TITLE:** Nurse Faculty Loan Program 2010-2011  
**AWARD:** $ 361,525

**PI:** James Waxmonsky  
**PSYCHIATRY**  
**AWARDING SPONSOR:** Shire Development, Inc.  
**TITLE:** Does Pharmacological Treatment of ADHD in Adults Enhance Parenting?  
**AWARD:** $ 346,489

**PI:** Madhavan Nair  
**MEDICINE DEAN'S OFFICE**  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Mechanisms of Neuro-AIDS by HIV1B and C Clades.  
**AWARD:** $ 346,462
PI: Jiuhua Chen  
MECHANICAL AND MATERIALS ENGINEERING  
AWARDING SPONSOR: National Science Foundation  
AWARD: $ 288,197

PI: James Waxmonsky  
PSYCHIATRY  
AWARDING SPONSOR: National Institute of Mental Health  
TITLE: A Novel Multimodal Intervention for Children with ADHD and Impaired Mood.  
AWARD: $ 261,157

PI: Kenneth Furton  
INTERNATIONAL FORENSIC RESEARCH INSTITUTE (IFRI)  
AWARDING SPONSOR: Central Intelligence Agency(CIA)  
TITLE: Testing of Ability of Birds to Detect Explosive Odorants: Comparisons with Canine Abilities.  
AWARD: $ 238,914

PI: Stanislaw Wnuk  
CHEMISTRY  
AWARDING SPONSOR: National Cancer Institute  
TITLE: Nucleoside and Carbohydrate-based Enzyme Inhibitors.  
AWARD: $ 217,500

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: $ 206,622

PI: Daniel Bagner  
PSYCHOLOGY  
AWARDING SPONSOR: National Institute of Mental Health  
TITLE: Behavior Problems in Infancy: A Preventive Intervention.  
AWARD: $ 178,222

PI: Malek Adjouadi  
ELECTRICAL AND COMPUTER ENGINEERING  
AWARDING SPONSOR: National Science Foundation  
TITLE: Subproject: CREST: Center for Innovative Information Systems Engineering.  
AWARD: $ 165,000

PI: Armando Barreto  
ELECTRICAL AND COMPUTER ENGINEERING  
AWARDING SPONSOR: National Science Foundation  
TITLE: Subproject: CREST: Center for Innovative Information Systems Engineering.  
AWARD: $ 165,000
PI: Amy Paul-Ward  
**OCCUPATIONAL THERAPY**  
AWARDING SPONSOR: Health Resources and Services Administration  
TITLE: Subproject: Scholarship for Disadvantage Students: Occupational Therapy Graduate 10/11.  
AWARD: $155,120

PI: James Fourquerean  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
AWARDING SPONSOR: National Science Foundation  
TITLE: RAPID Response to measuring The Ecological Effects of The Deepwater Horizon Oil Spill on The Florida Coastal Everglades.  
AWARD: $150,039

PI: David Roelant  
**APPLIED RESEARCH CENTER (ARC)**  
AWARDING SPONSOR: Office of Environmental Management  
AWARD: $147,139

PI: Michael Heithaus  
**SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)**  
AWARDING SPONSOR: National Science Foundation  
TITLE: Communicating Research to Public Audiences: Environmental Drivers of the Ecological Role  
AWARD: $139,699

PI: Fabian Cevallos  
**CIVIL AND ENVIRONMENTAL ENGINEERING**  
AWARDING SPONSOR: Florida Department of Transportation  
TITLE: Florida APTS Program.  
AWARD: $135,000

PI: Irma Becerra-Fernandez  
**EUGENIO PINO & GLOBAL ENTREPRENEURSHIP CENTER**  
AWARDING SPONSOR: South Florida Workforce  
TITLE: Vein: Virtual Entrepreneurship Incubation Network.  
AWARD: $129,012

PI: David Roelant  
**APPLIED RESEARCH CENTER (ARC)**  
AWARDING SPONSOR: Office of Environmental Management  
AWARD: $122,781

PI: Gilbert Ramirez  
**STEMPEL SCHOOL OF PUBLIC HEALTH**  
AWARDING SPONSOR: Health Resources and Services Administration  
TITLE: Subproject: Scholarship for Disadvantage Students in Medicine, Nursing and Public Health Fields.  
AWARD: $119,758
PI: Shu-Ching Chen  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: Florida Office of Insurance Regulation DFS  
TITLE: Subproject: Public Hurricane Loss Model.  
AWARD: $115,328

PI: Paul Stuart  
SCHOOL OF SOCIAL WORK  
AWARDING SPONSOR: Florida Atlantic University  
TITLE: Title IV-E Education Program 2011-2016.  
AWARD: $111,071

PI: Gilbert Ramirez  
SCHOOL OF SOCIAL WORK  
AWARDING SPONSOR: Health Resources and Services Administration  
TITLE: Subproject: Scholarship for Disadvantage Students in Medicine, Nursing and Public Health Fields.  
AWARD: $109,498

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

PI: David Roelant  
APPLIED RESEARCH CENTER (ARC)  
AWARDING SPONSOR: Office of Environmental Management  
AWARD: $99,721

PI: Steven Oberbauer  
BIOLOGICAL SCIENCES  
AWARDING SPONSOR: National Science Foundation  
TITLE: Causes and Implications of Dry Season Control of Tropical Wet Forest Tree Growth at Very High Water Levels: Direct vs Indirect Limitations.  
AWARD: $90,000

PI: Jennifer Fu  
UNIVERSITY LIBRARIES  
AWARDING SPONSOR: Miami-Dade County/Metropolitan Planning Organization  
TITLE: Subproject: Metropolitan Planning Organization Community Characteristics Project.  
AWARD: $86,998

PI: Joel Trexler  
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)  
AWARDING SPONSOR: United States Geological Survey  
TITLE: Response to Fish to the DECOMP Physical Model.  
AWARD: $81,568
PI: Daniel Gann  
**AWARDING SPONSOR:** United States Agency for International Development (USAID)  
**TITLE:** Subproject: Phase V of the Paul C. Bell, Jr. Risk Management Program.  
**AWARD:** $80,307

PI: Elena Bastida  
**HEALTH PROMOTION AND DISEASE PREVENTION**  
**AWARDING SPONSOR:** University of Michigan  
**TITLE:** Religion, Aging and Mexican American Health.  
**AWARD:** $79,313

PI: Joel Trexler  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** United States Army Corp of Engineers  
**TITLE:** Refining The Prey Base Fish Performance Measure.  
**AWARD:** $70,000

PI: Fernando Noriega  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Institute of Allergy and Infectious Diseases  
**TITLE:** Subproject: Regulation of Juvenile Hormone Titers in Mosquitoes.  
**AWARD:** $60,471

PI: Wettberg, Bishop-Von  
**BIOLOGICAL SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Scaling of Walking Mechanics in Dogs.  
**AWARD:** $50,000

PI: David Roelant  
**APPLIED RESEARCH CENTER (ARC)**  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Subproject: Florida International University's Research Support to the Department of Energy's Office of Environmental Management.  
**AWARD:** $47,035

PI: Suzanna Rose  
**WOMEN'S STUDIES CENTER**  
**AWARDING SPONSOR:** The Children's Trust  
**TITLE:** Parents As Teachers-PAT4YOU.  
**AWARD:** $46,625

PI: Maria Villar  
**JOURNALISM DEAN'S OFFICE**  
**AWARDING SPONSOR:** Florida Department of Children and Families  
**TITLE:** Miami-Dade Wraparound Project-Social Marketing.  
**AWARD:** $45,000

PI: Berrin Tansel  
**CIVIL AND ENVIRONMENTAL ENGINEERING**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** RAPID: Formation, Persistence and Mobility of Oils Emulsions After Major Spills at Sea.  
**AWARD:** $35,000
PI: Walter Tang  
CIVIL AND ENVIRONMENTAL ENGINEERING  
AWARDING SPONSOR: City of Opa-Locka  
TITLE: Feasibility Study of Water Treatment Plant for Opa-Locka.  
AWARD: $32,016

PI: Chunlei Wang  
MECHANICAL AND MATERIALS ENGINEERING  
AWARDING SPONSOR: Applied Nanotech, Inc.  
TITLE: Development of Nano-Si Based Lithium-ion Battery Anodes.  
AWARD: $30,000

PI: Massoud Milani  
CENTER FOR DIVERSITY IN ENGINEERING & COMPUTING  
AWARDING SPONSOR: Junior Engineering Technical Society  
TITLE: JETS-UNITE 2009  
AWARD: $30,000

PI: Surendra Saxena  
MECHANICAL AND MATERIALS ENGINEERING  
AWARDING SPONSOR: Carnegie Institution of Washington  
AWARD: $28,780

PI: Naphtali Rishe  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: National Science Foundation  
TITLE: Subproject: Center for Innovative Information Systems Engineering.  
AWARD: $25,000

PI: John Proni  
APPLIED RESEARCH CENTER (ARC)  
AWARDING SPONSOR: Concurrent Technologies Corporation  
TITLE: Subproject: Western Hemisphere Security Analysis Center.  
AWARD: $24,941

PI: Hong Liu  
DEPARTMENT OF EARTH & ENVIRONMENT  
AWARDING SPONSOR: Fairchild Tropical Botanic Garden  
TITLE: Seed Ecology of Melinis Repens, An invasive grass in South Florida-A proposal  
AWARD: $22,527

PI: Sharon Pontious  
SCHOOL OF NURSING  
AWARDING SPONSOR: Health Resources and Services Administration  
TITLE: Subproject: Scholarships for disadvantaged Students: Nursing Graduate 2010-2011.  
AWARD: $21,030