Florida International University researchers were awarded $17,297,008 in September 2010. Listed below is a summary of awards received for $20,000 or more during the month of September.

PI: Simpson, Joe  
**MEDICINE DEAN’S OFFICE**  
**AWARDING SPONSOR:** United States Army Medical Research & Materiel Command  
**TITLE:** Mass Scale Biosensor Threat Diagnostic for In-Theater Defense Utilization  
**AWARD:** $1,401,000

PI: Donoso, Maria  
**DEPARTMENT OF EARTH & ENVIRONMENT**  
**AWARDING SPONSOR:** Global Environment & Technology Foundation  
**TITLE:** Tanzania Water and Development Alliance  
**AWARD:** $1,051,789

PI: Chowdhury, Arindam Gan  
**INTERNATIONAL HURRICANE RESEARCH CENTER (IHRC)**  
**AWARDING SPONSOR:** Department of Energy Office of Science  
**TITLE:** State-of-the-Art Large-Scale Testing for Wind to Enhance Infrastructure Resiliency and Develop Energy-Efficient Buildings.  
**AWARD:** $972,000

PI: Bigger, Charles  
**MBRS:MINORITY BIOMEDICAL RESEARCH SUPPORT PROGRAM**  
**AWARDING SPONSOR:** National Institute of General Medical Sciences  
**TITLE:** MBRS Research Initiative for Scientific Enhancement.  
**AWARD:** $922,284

PI: Miralles-Wilhelm, Fernando  
**DEPARTMENT OF EARTH & ENVIRONMENT**  
**AWARDING SPONSOR:** National Aeronautics & Space Administration (NASA)  
**TITLE:** WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space  
**AWARD:** $732,472

PI: Waxmonsky, James  
**PSYCHIATRY**  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** A Novel Approach to Stimulant-Induced Weight Suppression and its Impact on Growth  
**AWARD:** $712,542

PI: Rishe, Naphtali D  
**SCHOOL OF COMPUTING AND INFORMATION SCIENCES**  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CREST: Center for Innovative Information Systems Engineering  
**AWARD:** $645,000
PI: Proni, John
APPLIED RESEARCH CENTER (ARC)
AWARDING SPONSOR: Concurrent Technologies Corporation
TITLE: Subproject: Western Hemisphere Security Analysis Center
AWARD: $ 600,147

PI: Youngblut, Joanne
SCHOOL OF NURSING
AWARDING SPONSOR: National Institute of Nursing Research
TITLE: Children Responses to Sibling Death in NICU/PICU in 3 Racial/Ethnic Groups
AWARD: $ 507,500

PI: Donoso, Maria
DEPARTMENT OF EARTH & ENVIRONMENT
AWARDING SPONSOR: United States Agency for International Development (USAID)
TITLE: Capacity Building of Local/National WASH/CBOs in Africa
AWARD: $ 499,998

PI: Vigon, Mercedes
INTERNATIONAL MEDIA CENTER (IMC)
AWARDING SPONSOR: Bureau of Western Hemisphere Affairs
TITLE: The Next Step For Cuba's Independent Journalists
AWARD: $ 472,000

PI: Markowitz, Pete
PHYSICS
AWARDING SPONSOR: National Science Foundation
TITLE: CHEPREO
AWARD: $ 470,000

PI: Kramer, Laird
PHYSICS
AWARDING SPONSOR: National Science Foundation
TITLE: Subproject: CHEPREO
AWARD: $ 441,451

PI: Milani, Massoud
CENTER FOR DIVERSITY IN ENGINEERING & COMPUTING
AWARDING SPONSOR: The Children's Trust
TITLE: FIU-ENLACE Miami/The Children's Trust
AWARD: $ 440,393

PI: Boyer, Joseph
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)
AWARDING SPONSOR: 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: $ 383,140

PI: Rosen, Barry
MEDICINE DEAN'S OFFICE
AWARDING SPONSOR: National Institutes of Health
TITLE: Mechanisms of Arsenical Transport
AWARD: $ 347,707
PI: Frankovich, Thomas  
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)  
AWARDING SPONSOR: National Park Service  
TITLE: SAV and Water Quality Monitoring and Nutrient Source Pools in the Mangrove Lakes  
AWARD: $ 319,000

PI: Proni, John  
APPLIED RESEARCH CENTER (ARC)  
AWARDING SPONSOR: Concurrent Technologies Corporation  
TITLE: Subproject for OSRA# 9137(800000477): Western Hemisphere Security Analysis Center  
AWARD: $ 318,221

PI: McCord, Bruce  
CHEMISTRY  
AWARDING SPONSOR: National Institute of Justice  
TITLE: Detection and Remediation of PCR Inhibition Using Real Time PCR Melt Curves as Diagnostic  
AWARD: $ 294,800

PI: Ganapati, Nazife Emel  
DEPARTMENT OF PUBLIC ADMINISTRATION  
AWARDING SPONSOR: National Science Foundation  
TITLE: The Resilient Rural America: Drivers of Speedy and High Quality Recovery Following a Disaster  
AWARD: $ 280,905

PI: Fourqurean, James  
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)  
AWARDING SPONSOR: Environmental Protection Agency  
TITLE: Seagrass Monitoring in the Florida Keys National Marine Sanctuary FY 2010-2011  
AWARD: $ 280,000

PI: Proni, John  
APPLIED RESEARCH CENTER (ARC)  
AWARDING SPONSOR: Concurrent Technologies Corporation  
TITLE: Western Hemisphere Security Analysis Center  
AWARD: $ 277,468

PI: Simms, E. George  
STUDENT AFFAIRS  
AWARDING SPONSOR: Department of Education  
TITLE: Upward Bound Math Science  
AWARD: $ 249,963

PI: Liu, Yuan  
CHEMISTRY  
AWARDING SPONSOR: National Institute of Environmental Health Sciences  
TITLE: Mechanisms of Trinucleotide Repeat Expansion Via Oxidative DNA Damage Repair  
AWARD: $ 249,000
PI: Pontious, Sharon  
SCHOOL OF NURSING  
AWARDING SPONSOR: Health Resources and Services Administration  
TITLE: Culturally Competent Combined RN/MSN Program for Diverse Students  
AWARD: $ 247,777

PI: Chen, Jiuhua  
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: Simms, E. George  
STUDENT AFFAIRS  
AWARDING SPONSOR: Department of Education  
TITLE: Ronald E. McNair Postbaccalaureate Achievement Program  
AWARD: $ 230,996

PI: Sawyers, Dorret  
MULTICULTURAL PROGRAMS AND SERVICES  
AWARDING SPONSOR: Department of Education  
TITLE: Student Support Services Program  
AWARD: $ 218,371

PI: Rishe, Naphtali D  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: National Science Foundation  
TITLE: RAPID: MRI: Development of Database Appliance Module for MultiTemporal Analysis and Correlation of Gulf Oil Spill related Geospatial Data  
AWARD: $ 200,000

PI: Troxler, Tiffany  
SOUTHEAST ENVIRONMENTAL RESEARCH CENTER (SERC)  
AWARDING SPONSOR: Engineer Research and Development Center(ERDC)  
TITLE: Surface-Groundedwater Interactions in Everglades Tress Islands  
AWARD: $ 165,985

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

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

PI: Palmer, Richard C.  
HEALTH PROMOTION AND DISEASE PREVENTION  
AWARDING SPONSOR: National Cancer Institute  
TITLE: Increasing Colorectal Cancer Screening among African Americans  
AWARD: $ 157,686
PI: Zhang, Keqi  
INTERNATIONAL HURRICANE RESEARCH CENTER (IHRC)  
AWARDING SPONSOR: National Oceanic & Atmospheric Administration (NOAA)  
TITLE: Quantification of Inundation in South Florida Caused by Sea Level Rises and its Social and Economic Impacts  
AWARD: $ 149,880

PI: Kenny, Maureen C Ph.D.  
DEPARTMENT OF EDUCATIONAL LEADERSHIP AND POLICY ST  
AWARDING SPONSOR: The Children’s Trust  
TITLE: KLAS: Kids Learning About Safety  
AWARD: $ 115,650

PI: Rishe, Naphtali D  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: National Science Foundation  
TITLE: III: Gulf RAPID: Multi-Temporal Analysis and Correlation of Gulf Oil Spill Related Geospatial Data on Terrafly Platform  
AWARD: $ 113,568

PI: Eguizabal, Cristina  
LATIN AMERICAN AND CARIBBEAN CENTER (LACC)  
AWARDING SPONSOR: Department of Education  
TITLE: Caribbean Newspaper Digital Library  
AWARD: $ 110,000

PI: Agoulnik, Irina  
MEDICINE DEAN’S OFFICE  
AWARDING SPONSOR: Department of Defense  
TITLE: Androgen Regulation of Novel Tumor Suppressor in Male and Female Breast Cancer  
AWARD: $ 108,750

PI: Price, Rene M  
DEPARTMENT OF EARTH & ENVIRONMENT  
AWARDING SPONSOR: National Aeronautics & Space Administration (NASA)  
TITLE: Subproject: WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space  
AWARD: $ 105,444

PI: Gulec, Seza  
SURGERY  
AWARDING SPONSOR: FIU Foundation  
TITLE: Arthur Rupe Grant  
AWARD: $ 101,874

PI: Li, Tao  
SCHOOL OF COMPUTING AND INFORMATION SCIENCES  
AWARDING SPONSOR: Army Research Office  
TITLE: Unsupervised Learning from Multiple Information Sources  
AWARD: $ 100,000

PI: Milani, Massoud  
CENTER FOR DIVERSITY IN ENGINEERING & COMPUTING  
AWARDING SPONSOR: Research Triangle Institute International  
TITLE: Gear Up Implementation Award  
AWARD: $ 100,000
PI: Boeglin, Werner
PHYSICS
AWARDING SPONSOR: Department of Energy
TITLE: A Fast Fusion Proton Diagnostic for NSTX
AWARD: $ 96,000

PI: Kramer, Laird
PHYSICS
AWARDING SPONSOR: National Science Foundation
TITLE: Subproject: CHEPREO
AWARD: $ 94,549

PI: Mebel, Alexander
CHEMISTRY
AWARDING SPONSOR: The Research Corporation of the University of Hawaii
TITLE: CRC: Chemistry of Unsaturated Hydrocarbons in Titan’s Atmosphere
AWARD: $ 87,500

PI: Agoulnik, Irina
MEDICINE DEAN'S OFFICE
AWARDING SPONSOR: National Cancer Institute
TITLE: Role of NCoR in Antiandrogen Resistance in Prostate Cancer
AWARD: $ 86,484

PI: Melesse, Assefa
DEPARTMENT OF EARTH & ENVIRONMENT
AWARDING SPONSOR: National Aeronautics & Space Administration (NASA)
TITLE: Subproject: WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space
AWARD: $ 86,077

PI: McDaniel, Dwayne
APPLIED RESEARCH CENTER (ARC)
AWARDING SPONSOR: The Federal Aviation Administration (FAA)
TITLE: Composite Surface Contamination Study
AWARD: $ 85,000

PI: Fuentes, Hector
CIVIL AND ENVIRONMENTAL ENGINEERING
AWARDING SPONSOR: National Aeronautics & Space Administration (NASA)
TITLE: Subproject: WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space
AWARD: $ 83,117

PI: Rishe, Naphtali D
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: Jones, W. Kinzy
MECHANICAL AND MATERIALS ENGINEERING
AWARDING SPONSOR: Massachusetts Institute of Technology
TITLE: High Density Biocompatible Feedthrough Development
AWARD: $ 69,600
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PI: Rishe, Naphtali D
SCHOOL OF COMPUTING AND INFORMATION SCIENCES
AWARDING SPONSOR: National Science Foundation
TITLE: Subproject: Collaborative Research: Center for Advanced Knowledge Enablement
AWARD: $24,501

PI: Twigg, David
JACK D. GORDON INSTITUTE FOR PUBLIC POLICY & CITIZENSHIP STUDY
AWARDING SPONSOR: University of Texas at El Paso
TITLE: Beyond Borders: Regionalism Migration and Security in North America
AWARD: $22,961

PI: Rishe, Naphtali D
SCHOOL OF COMPUTING AND INFORMATION SCIENCES
AWARDING SPONSOR: National Science Foundation
TITLE: Collaborative Research: Center for Advanced Knowledge Enablement
AWARD: $20,000