Florida International University researchers were awarded $6,425,170 in May 2014. Listed below is a summary of awards received for the month of May.

PI: Malek Adjouadi  
**B**IOMEDICAL **E**NGINEERING  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Ware Foundation Research Endowment.  
**AWARD:** $30,361

PI: Alexander Agoulnik  
**C**OM **HUMAN AND M**OL **GENETICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Bristol-Myers Squibb  
**TITLE:** Small molecule agonists of relaxin receptor  
**AWARD:** $290,000

PI: Heidi Alvarez  
**C**IARA  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of Chicago  
**TITLE:** Open Science Data Cloud(OSDC)PIRE:Training and Workshops  
**AWARD:** $130,000

PI: Frederick W Anderson  
**C**OM **HUMANITIES H**LTH AND **S**OC  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Health Foundation of South Florida  
**TITLE:** Green Family Foundation (GFF) NeighborhoodHELP¿ Mobile Health Center Medical Home  
**AWARD:** $20,250

PI: William Anderson  
**S**OUTHEAST **ENV RESEARCH CTR**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** U.S. Science Support Program Ocean Lead  
**TITLE:** IODP Expedition 346 Asian Monsoon  
**AWARD:** $12,998

PI: Alfredo Andia  
**A**RCHITECTURE  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Emerging Japanese Architects in Dialogue: The Post 1970 Generation  
**AWARD:** $3,000
PI: Joann Arnowitz  
**JEWISH MUSEUM OF FLORIDA-FIU**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** City of Miami Beach  
**TITLE:** JMOF General Operating Support 13-14  
**AWARD:** $49,500

PI: Atorod Azizinamini  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Managing Florida's Fracture Critical Bridges  
**AWARD:** $84,108

PI: Lorraine Bahrick  
**PSYCHOLOGY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Intersensory Perception of Social Events: Typical and Atypical Development  
**AWARD:** $134,355

PI: Lorraine Bahrick  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Intersensory Processing, Developmental Trajectories, and Longitudinal Outcomes  
**AWARD:** $385,087

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

PI: Richard Bone  
**PHYSICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Industrial Organica S.A. de CV  
**TITLE:** IOSA Bioavailability Study Phase III  
**AWARD:** $25,988

PI: Kevin Boswell  
**BIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Industrial Economics Inc  
**TITLE:** Analysis of acoustic data from Deep Water Horizon  
**AWARD:** $297,113
PI: Deron Burkepile  
**BIOLOGY**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Cascading interactions of herbivore loss and nutrient enrichment on coral reef macroalgae, corals, and microbial dynamics  
**AWARD:** $1,856

PI: Deron Burkepile  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** PADI Foundation  
**TITLE:** The Impact of Size-Selective Fishing on Coral Reef Communities  
**AWARD:** $3,700

PI: Yong Cai  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: Sub Project 2-FIU'S Environment  
**AWARD:** $4,654

PI: Jonathan Comer  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Evaluating the Feasibility of Internet-Delivered Parent-Child Interaction Therapy  
**AWARD:** $144,341

PI: Carol E Damian  
**FROST ART MUSEUM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Funding Arts Network  
**TITLE:** Wang Qinsong: Call to Arms  
**AWARD:** $5,000

PI: George S Dulikravich  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Georgia Institute of Technology  
**TITLE:** Multi-Objective, Multi-Disciplinary Design Optimization of Multi-Floor, Microelectronics Cooling  
**AWARD:** $11,657

PI: Brian Fonseca  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** CACI International Inc  
**TITLE:** FIU SOUTHCOM Academic Roundtable Series: Sub-Project-ARC  
**AWARD:** $6,242
PI: Brian Fonseca
**POLITICS AND INTL RELATIONS**
**Award Action Type:** Supplemental
**AWARDING SPONSOR:** CACI International Inc
**TITLE:** FIU SOUTHCOM Academic Roundtable Series: Sub-Project-LACC
**AWARD:** $ 86,386

PI: Stacy Lynn Frazier
**CENTER FOR CHILDREN AND FAM**
**Award Action Type:** Supplemental
**AWARDING SPONSOR:** University of Illinois at Chicago
**TITLE:** Organizational Context and Children's Mental Health in Urban After School Programs
**AWARD:** $ 43,905

PI: Rebecca Friedman
**SIPA**
**Award Action Type:** Increase
**AWARDING SPONSOR:** European Commission
**TITLE:** Miami-Florida European Center of Excellence
**AWARD:** $ 4,470

PI: Cheng-Tin Gan
**CIVIL AND ENVIRON ENGINEERING**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Florida Department of Transportation
**TITLE:** Development of 2015 Florida Transit Information System (FTIS)
**AWARD:** $ 53,635

PI: Piero Gardinali
**SOUTHEAST ENV RESEARCH CTR**
**Award Action Type:** Initial
**AWARDING SPONSOR:** Collier County
**TITLE:** PROVIDING CONTAMINANT DATA FOR COASTAL MANAGEMENT: ASSESSING THE EFFECTS OF LAND BASED SOURCES OF POLLUTION ON COLLIER COUNTY'S WATERSHEDS
**AWARD:** $ 40,000

PI: Stavros Georgakopoulos
**ELEC AND COMPUTER ENG**
**Award Action Type:** Increase
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Collaborative Research: Ultra-broadband Highly-Efficient Wireless Charging of "Zero-Power" Implantable and Wearable Wireless Sensors
**AWARD:** $ 16,000

PI: Eric M Goldemberg
**ARCHITECTURE**
**Award Action Type:** Initial
**AWARDING SPONSOR:** FIU Foundation
**TITLE:** The Radical HIVE: Social Housing and Urbanism in Latin America
**AWARD:** $ 1,700
<table>
<thead>
<tr>
<th>PI: Paulo Graziano</th>
<th>Award Action Type: Initial</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENTER FOR CHILDREN AND FAM</td>
<td>Awarding Sponsor: Children's Trust</td>
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<tr>
<td>Title: Promoting a Successful Transition to Kindergarten: A Summer Readiness Program for Preschoolers Identified as Being at High-Risk for Behavioral Disorders</td>
<td>Award: $100,000</td>
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<th>PI: Ismail Guvenc</th>
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<tbody>
<tr>
<td>ELEC AND COMPUTER ENG</td>
<td>Awarding Sponsor: National Science Foundation</td>
</tr>
<tr>
<td>Title: NeTS: JUNO: Towards Energy-Efficient Hyper-Dense Wireless Networks with Trillions of Devices</td>
<td>Award: $16,000</td>
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<thead>
<tr>
<th>PI: Ismail Guvenc</th>
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<tbody>
<tr>
<td>ELEC AND COMPUTER ENG</td>
<td>Awarding Sponsor: Oak Ridge Associated Universities</td>
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<tr>
<td>Title: Toward Next Generation Public Safety Communication</td>
<td>Award: $5,000</td>
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<tr>
<td>ELEC AND COMPUTER ENG</td>
<td>Awarding Sponsor: DOCOMO Innovations Inc</td>
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<tr>
<td>Title: Compressive Sensing for Improving Accuracy of Fingerprint based Indoor Localization</td>
<td>Award: $20,000</td>
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<tr>
<th>PI: Katie Hart</th>
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<tr>
<td>CENTER FOR CHILDREN AND FAM</td>
<td>Awarding Sponsor: Children's Trust</td>
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<tr>
<td>Title: Read To Learn: Summer Reading Explorers Program</td>
<td>Award: $126,434</td>
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<tr>
<th>PI: Zahra Sana Hazari</th>
<th>Award Action Type: Increase</th>
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<tbody>
<tr>
<td>STEM INSTITUTE</td>
<td>Awarding Sponsor: National Science Foundation</td>
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<tr>
<td>Title: CAREER: Changing the Landscape: Towards the Development of a Physics Identity in High School: Sub to 800004184: Participant</td>
<td>Award: $8,000</td>
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<thead>
<tr>
<th>PI: Zahra Sana Hazari</th>
<th>Award Action Type: Increase</th>
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<tbody>
<tr>
<td>STEM INSTITUTE</td>
<td>Awarding Sponsor: National Science Foundation</td>
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<tr>
<td>Title: CAREER: Changing the Landscape: Towards the Development of a Physics Identity in High School: CAREER: Changing the Landscape</td>
<td>Award: $105,851</td>
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<tr>
<td>PI: Rosemary L Hickey</td>
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<tr>
<td><strong>EARTH AND ENVIRONMENT</strong></td>
<td>Award Action Type: Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> Consortium For Ocean Leadership</td>
<td><strong>TITLE:</strong> Participation in IODP Expedition 351</td>
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<thead>
<tr>
<th>PI: Shuliang Jiao</th>
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<tr>
<td><strong>BIOMEDICAL ENGINEERING</strong></td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Institutes of Health</td>
<td><strong>TITLE:</strong> Multimodal Retinal Functional Imaging for Diabetic Retinopathy</td>
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<tr>
<th>PI: David Kadko</th>
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<tr>
<td><strong>ARC APPLIED RESEARCH CENTER</strong></td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Science Foundation</td>
<td><strong>TITLE:</strong> GEOTRACES Peru-Tahiti section: Measurement of 7Be as a Tracer of Upper Ocean Processes</td>
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<thead>
<tr>
<th>PI: Sakhrat Khizroev</th>
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<tbody>
<tr>
<td><strong>ELEC AND COMPUTER ENG</strong></td>
<td>Award Action Type: Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Science Foundation</td>
<td><strong>TITLE:</strong> Nano-electroporation for high-specificity drug uptake using magneto-electric nanoparticles</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PI: Sakhrat Khizroev</th>
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<tr>
<td><strong>ELEC AND COMPUTER ENG</strong></td>
<td>Award Action Type: Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> University of California Berkeley</td>
<td><strong>TITLE:</strong> Physics of Spin Switching in Sub-10-nm Spin-transfer-torque Magnetic Tunneling Junctions</td>
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<tr>
<th>PI: Leonel Lagos</th>
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<tbody>
<tr>
<td><strong>ARC APPLIED RESEARCH CENTER</strong></td>
<td>Award Action Type: Pre-Award</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> Office of Environmental Management</td>
<td><strong>TITLE:</strong> Florida International University's Research Support to the Department of Energy's Office of Environmental Management: FIU'S Environmental Research</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> Office of Environmental Management</td>
<td><strong>TITLE:</strong> Florida International University's Research Support to the Department of Energy's Office of Environmental Management: Sub Project 3- Remediation</td>
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</table>
PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: FIU'S Environmental Research  
**AWARD:** $ 70,081

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: Subproject -Waste and D&D Eng  
**AWARD:** $ 74,643

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: Sub Project 1-FIU'S Environmen  
**AWARD:** $ 208,331

PI: Wenzhi Li  
**PHYSICS**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** Carbon nanotube based nanofluidic device for biological sensing  
**AWARD:** $ 87,622

PI: Purnima Madhivanan  
**EPIDEMIOLOGY**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** University of California Berkeley  
**TITLE:** Global Health Fellows and Scholars Program  
**AWARD:** $ 26,010

PI: Goutam Mandal  
**COM HUMAN AND MOL GENETICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** College of Medicine Foundation  
**TITLE:** Leishmaniasis disease development: role of macrophages  
**AWARD:** $ 50,000

PI: H Virginia McCoy  
**HEALTH PROMO AND DISEASE PREV**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** University of Puerto Rico  
**TITLE:** Florida Puerto Rico Public Health Research  
**AWARD:** $ 62,054
PI: Alexander Mebel  
**CHEMISTRY**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** U.S. Department of Energy  
**TITLE:** Theoretical Studies of chemical reactions related to the formation and growth of polycyclic aromatic hydrocarbons and molecular properties of their key intermediates  
**AWARD:** $43,185

PI: Osama A Mohammed  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Office of Naval Research  
**TITLE:** Real Time Modeling & Simulation Techniques using Intelligent Systems with a Reduced Scale Hardware Demonstration of Smart Controls for Notional Ship Architecture  
**AWARD:** $10,000

PI: Norman D Munroe  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Parkson Corporation  
**TITLE:** HiOx Ultraflex Failure Analysis Project  
**AWARD:** $13,500

PI: Edward P Murray  
**METROPOLITAN CENTER**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Broward County  
**TITLE:** 2013 Broward County Affordable Housing Needs Assessment  
**AWARD:** $18,000

PI: Madhavan P Nair  
**COM IMMUNOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institute on Drug Abuse  
**TITLE:** Polydrug Nanocarrier to Treat Opiate Addiction and HIV Disease  
**AWARD:** $4,320

PI: Madhavan P Nair  
**COM IMMUNOLOGY**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Mechanisms of Neuro-AIDS by HIV 1B and C Clades  
**AWARD:** $331,860

PI: Madhavan P Nair  
**COM IMMUNOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Multifunctional Nanocarrier to Eradicate HIV from latently infected CNS cells and to treat Meth Addiction  
**AWARD:** $362,500
<table>
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<tr>
<th>PI: Laura A Ogden</th>
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<tr>
<td><strong>GLOBAL AND SOCIOCULTURAL STUDY</strong></td>
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<td><strong>Award Action Type:</strong> Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Science Foundation</td>
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<tr>
<td><strong>TITLE:</strong> Doctoral Dissertation Research: Constructing Futures The Cultural Politics of Water and Climate: Doctoral Dissertation Research</td>
<td><strong>AWARD:</strong> $5,092</td>
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<table>
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<tr>
<th>PI: Ebru Ozer</th>
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<tbody>
<tr>
<td><strong>LANDSCAPE ARCHITECTURE</strong></td>
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<td><strong>Award Action Type:</strong> Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> Landscape Architecture Foundation</td>
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<tr>
<td><strong>TITLE:</strong> Case Study Investigations for 1111 Lincoln Road, Nova Southeastern University, and Pompano Beach Dune Enhancement and Streetscape</td>
<td><strong>AWARD:</strong> $2,820</td>
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<tr>
<th>PI: Nezih Pala</th>
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<td><strong>Award Action Type:</strong> Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> University of Utah</td>
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<tr>
<td><strong>TITLE:</strong> 3D Simulation of THz Plasmonic Structures</td>
<td><strong>AWARD:</strong> $42,584</td>
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<thead>
<tr>
<th>PI: William E Pelham Jr</th>
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<tbody>
<tr>
<td><strong>CENTER FOR CHILDREN AND FAM</strong></td>
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<tr>
<td><strong>Award Action Type:</strong> Increase</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> University of Pittsburgh</td>
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<tr>
<td><strong>TITLE:</strong> The Development of Alcohol Use and Abuse in ADHD Adolescents</td>
<td><strong>AWARD:</strong> $53,649</td>
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<tr>
<th>PI: Sudheesh Pilakka Kanthikeel</th>
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<tr>
<td><strong>COM IMMUNOLOGY</strong></td>
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<tr>
<td><strong>Award Action Type:</strong> Initial</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> College of Medicine Foundation</td>
<td></td>
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<tr>
<td><strong>TITLE:</strong> miRNA regulation of SAMHD1 mediated HIV restriction in CNS cells</td>
<td><strong>AWARD:</strong> $50,000</td>
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<tr>
<th>PI: Niki J Pissinou</th>
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<tbody>
<tr>
<td><strong>COMPUTER INFO SCIENCES</strong></td>
<td></td>
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<tr>
<td><strong>Award Action Type:</strong> Continuation</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Science Foundation</td>
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<tr>
<td><strong>TITLE:</strong> REU SITE: ASSET: Research Experiences for Undergraduates in Advanced Secured Sensor Enabling Technologies: REU SITE: ASSET Advanced Secu</td>
<td><strong>AWARD:</strong> $18,472</td>
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<tr>
<td><strong>AWARDING SPONSOR:</strong> National Science Foundation</td>
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<tr>
<td><strong>TITLE:</strong> REU SITE: ASSET: Research Experiences for Undergraduates in Advanced Secured Sensor Enabling Technologies: Participant support</td>
<td><strong>AWARD:</strong> $41,528</td>
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</table>
PI: Naphtali Rishe  
**COMPUTER INFO SCIENCES**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: III. Large: Collaborative Research: Moving Objects Databases for Exploration  
AWARD: $ 16,000

PI: Allan Rosenbaum  
**INST PUB MGMT & COMM SERVICE**  
Award Action Type: Initial  
AWARDING SPONSOR: Miami-Dade County Cultural Affairs  
TITLE: TDC XX Inter-American Conference of Mayors and Local Authorities  
AWARD: $ 14,400

PI: Upal Roy  
**COM IMMUNOLOGY**  
Award Action Type: Initial  
AWARDING SPONSOR: College of Medicine Foundation  
TITLE: Development of Nanomedicine based anti-HIV Drug Targeting Microfold cells (M-cells).  
AWARD: $ 50,000

PI: Misak Sargsian  
**PHYSICS**  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Energy  
TITLE: Theoretical Studies of High Energy Electron-Nuclear Processes  
AWARD: $ 90,000

PI: Misak Sargsian  
**PHYSICS**  
Award Action Type: Increase  
AWARDING SPONSOR: Jefferson Lab  
TITLE: Hadron Spectroscopy at Jefferson Lab  
AWARD: $ 12,593

PI: Ernest G Simms  
**STUDENT AFFAIRS VICE PRES OFF**  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Educational Talent Search  
AWARD: $ 230,000

PI: Thomas Spiegelhalter  
**ARCHITECTURE**  
Award Action Type: Initial  
AWARDING SPONSOR: FIU Foundation  
TITLE: Designing Passive-Active and Adaptive Environmental Controls for Human Thermal Comfort  
AWARD: $ 1,700
<table>
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<tr>
<th>PI</th>
<th>Project Title</th>
<th>Awarding Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Casey Steadman</td>
<td>The Birth of Rome</td>
<td>Funding Arts Network</td>
<td>$185</td>
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<tr>
<td>Ines R Triay Melendez</td>
<td>ARC Applied Research Center</td>
<td>New Mexico Environment Department</td>
<td>$5,511</td>
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<tr>
<td>Ines R Triay Melendez</td>
<td>NEW MEXICO ENVIRONMENT DEPARTMENT (NMED) Support: Sub-project for Travel/NoF&amp;A</td>
<td>New Mexico Environment Department</td>
<td>$54,489</td>
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<tr>
<td>Tiffany Troxler</td>
<td>Effects of saltwater intrusion on Everglades peat soil</td>
<td>University of Florida</td>
<td>$90,000</td>
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<td>Shahin Vassigh</td>
<td>Rethinking Structures Pedagogy: Using Hybrid Digital-Analog Toolsets for Collaborative Learning</td>
<td>FIU Foundation</td>
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<td>Edgar Ramos Vieira</td>
<td>Safe Steps Educational Program Analysis</td>
<td>Alliance for Aging Inc</td>
<td>$5,000</td>
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<td>Ophelia I Weeks</td>
<td>FIU MARC U*STAR Program</td>
<td>National Institutes of Health</td>
<td>$172,897</td>
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PI: Mark L Williams  
HEALTH POLICY AND MGMT  
Award Action Type: Continuation  
AWARDING SPONSOR: Univ of Texas Health Science Ctr Houston  
TITLE: HIV risk and prevention venue affiliation among young  
AWARD: $ 29,841

PI: Masafumi Yoshinaga  
COM CELL BIOLOGY AND PHARM  
Award Action Type: Initial  
AWARDING SPONSOR: College of Medicine Foundation  
TITLE: Molecular mechanisms of degradation of environmental organoarsenical herbicides and growth promoters  
AWARD: $ 50,000

PI: Yuying Zhang  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: University of Florida  
TITLE: Developing a size-structured stock assessment model for the spiny lobster, Panulirus argus, in the southeast United States:  
DEVELOPING A SIZE-BASED ASSESM  
AWARD: $ 5,065

PI: Yuying Zhang  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: University of Florida  
TITLE: Developing a size-structured stock assessment model for the spiny lobster, Panulirus argus, in the southeast United States:  
DEVELOPING A SIZE-BASED ASSESM  
AWARD: $ 37,719