ORED Communicator - November 2018

Office of Research and Economic Development, Florida International University

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Upcoming Events

November

⇒ November 6 and 7, Hyatt Regency Miami, National Initiative for Cybersecurity Education (NICE) 2018 Conference and Expo, registration fees vary

⇒ November 8, 12 to 1 pm, AHC1 #110, A Guide to your Child’s Developmental Milestones, presented by the Center for Children and Families

⇒ November 9, 12 to 1 pm, AHC1 #110, Early Childhood Development in Latinos, presented by Esther Calzada (one continuing education credit will be provided)

⇒ November 14, 12 to 1 pm, AHC1 #110, How to Manage Holiday Gatherings with as Little Stress as Possible, presented by the Center for Children and Families

⇒ November 16, 2018, 9 to 10 am, EC 2300, Endothelial-Interstitial Interactions During Aortic Valve Homeostasis and Calcific Degeneration, presented by Jonathan Butcher

⇒ November 19, 4 to 5 pm, SIPA #125, Forensic Science Seminar Series—How did they catch the Golden State Killer, presented by Thomas J. White, or via web conference https://fiuconnect.adobeconnect.com/r7xsgfpeisa0

⇒ November 28, 1 to 2 pm, CP 320, Forensic Science Seminar Series—Fire Investigation: Science or Art?, presented by John Lentini, or via web conference https://fiuconnect.adobeconnect.com/rd8x45rmcfm9

⇒ November 30, 12:30 to 1:30 pm, AHC5 #300, Participant Recruitment Strategies, presented by FIU RCMI

December

⇒ December 7, 9 to 10 am, AHC5 #300, Adaptive Optics Imaging to Reveal Structure and Function of Neural Circuits that Underlie Human Spatial and Color Vision, presented by Austin Roorda

⇒ December 7, 12 to 1 pm, AHC 1 #110, Small Science Brain Imaging in the Era of Big Data, presented by Francisco X. Castellanos (one continuing education credit will be provided)

January

⇒ January 18, 12 to 1 pm, AHC 1 #110, Management of Anxiety in Youth, presented by Philip C. Kendall (one continuing education credit will be provided)

February

⇒ January 18, 12 to 1 pm, AHC 1 #110, Severe Temper Outbursts: Indicators of Emotion Dysregulation in Children, presented by Amy K. Roy (one continuing education credit will be provided)
Awards Received—September 2018

FIU researchers were awarded $28,888,121 in September 2018. Below is a listing of awards received.

**Agarwal, Arvind**  
College of Engineering and Computing  
Mechanical & Materials Engineering  
National Aeronautics & Space Administration  
Initial  
Synthesis and Characterization of Metal Matrix Composites of Boron Nitride Nanotubes $165,000

**Alluri, Priyanka**  
College of Engineering and Computing  
Civil & Environmental Engineering  
Florida Department of Transportation  
Initial  
Developing Florida-specific Mobility Enhancement Factors (MEFs) and Crash Modification $215,000

**Almaguer, Ruben**  
Office of the President  
Emergency Management  
ASPR-Biomedical Advanced Research Development Authority  
Increase  
HHS/ASPR Aeromedical Evacuation Training - Task 3 $2,199,407

**Almaguer, Ruben**  
Office of the President  
Emergency Management  
ASPR-Biomedical Advanced Research Development Authority  
Supplemental  
HHS/ASPR Aeromedical Evacuation Training - Task 2 $1,181,730

**Almirall, Jose**  
College of Arts, Sciences & Education  
Chemistry  
U.S. Department of Justice  
Initial  
Validation of Novel Statistical Approaches for the Interpretation of Trace Evidence $499,318

**Almirall, Jose**  
College of Arts, Sciences & Education  
Chemistry  
National Science Foundation  
Increase  
FBI - Jose Almirall $25,000

**Alwan, Elias Antoun**  
College of Engineering and Computing  
Electrical & Computer Engineering  
National Science Foundation  
Initial  
MRI: Acquisition of an 18GHz to 110GHz Millimeter-Wave Anechoic Chamber $559,997
Amaro, Hortensia
Robert Stempel College of Public Health and Social Work
National Institute on Drug Abuse
Initial
Neural Mechanisms in Women's Treatment and Early Recovery $97,963

Bai, Ou
College of Engineering and Computing
Electrical & Computer Engineering
National Science Foundation
Initial
Mobile, Smart Gait Assessment System $50,000

Barbetta, Patricia
College of Arts, Sciences & Education
Teaching and Learning
Florida Department of Education
Initial
2018-2019 Exceptional Student Education (ESE Tuition Support Program) $60,000

Bhat, Mahadev
College of Arts, Sciences & Education
Earth and Environment
Walmart Foundation
Initial
Social and Environmental Effects of Produce Supply Chains: Assessment and $437,291

Boesl, Benjamin
College of Engineering and Computing
Mechanical & Materials Engineering
Federal Aviation Administration
Increase
Sub-Project for Dr. Boesl $40,589

Boswell, Kevin
College of Arts, Sciences & Education
Biology
National Oceanic and Atmospheric Administration
Increase
Estimating the Absolute Abundance of Red Snapper in the U.S. Gulf of Mexico $147,261

Briceno, Henry
College of Arts, Sciences & Education
SERC
Islamorada, Village of Islands
Increase
Water Quality-Monitoring Program for the Village of Isla Morada $79,094

Briceno, Henry
College of Arts, Sciences & Education
SERC
Environmental Protection Agency
Increase
Water Quality-Monitoring Project for the Florida Keys National Marine Sanctuary $425,000
**Cevallos, Fabian**  
College of Engineering and Computing  
Civil and Environmental Engineering  
Federal Transit Administration  
Initial  
Challenges and Opportunities for Older Adults to Use Public Transportation-Federal  
$163,813

**Cevallos, Fabian**  
College of Engineering and Computing  
Civil and Environmental Engineering  
Federal Transit Administration  
Initial  
Challenges and Opportunities for Older Adults to Use Public Transportation-State  
$40,953

**Charman, Stephen**  
College of Arts, Sciences & Education  
Psychology  
National Institute of Justice  
Initial  
Testing a 'not sure' instruction to reduce the harmful impact of estimator variables  
$183,059

**Cirion, Yisell**  
Academic Affairs - Other Units  
Career and Talent Development  
Peace Corps  
Continuation  
Peace Corps Strategic Recruiter  
$21,822

**Coles, Erika**  
College of Arts, Sciences & Education  
Psychology  
Children's Trust  
Initial  
A Summer Program for Children with or at risk for serious behavior problems  
$258,907

**Cruz, Jeannette**  
Academic Affairs - Multicultural Programs MMC  
Office of Postsecondary Education  
Continuation  
Student Support Services 2015-2020  
$242,136

**Dares, Christopher**  
College of Arts, Sciences & Education  
Chemistry  
Battelle  
Initial  
Novel Synthesis of Neptunium Irradiation Targets through Advanced Electrochemical Techniques  
$50,000

**De Caprio, Anthony**  
College of Arts, Sciences & Education  
Chemistry  
U.S. Department of Justice  
Supplemental  
Development of Improved Extraction/Purification Methods for LC-QqQ-MS Analysis  
$50,000
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<tr>
<th>Name</th>
<th>Institution</th>
<th>Department</th>
<th>Project Description</th>
<th>Amount</th>
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<td><strong>De Caprio, Anthony</strong></td>
<td>College of Arts, Sciences &amp; Education</td>
<td>Chemistry</td>
<td>Optimization of Pretreatment Parameters in Hair Analysis for Drugs of Abuse</td>
<td>$50,000</td>
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<td>National Institute of Justice</td>
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<td>College of Arts, Sciences &amp; Education</td>
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<td>Increase DoD - Anthony DeCaprio</td>
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<td><strong>De Hendonca Chaves, Paulo</strong></td>
<td>Herbert Wertheim College of Medicine</td>
<td>Humanities Health and Society</td>
<td>Hispanic community health study / study of Latinos</td>
<td>$8,599</td>
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<td>Albert Einstein College of Medicine YU</td>
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<td><strong>De Vieux, Jessy</strong></td>
<td>Robert Stempel College of Public Health and Social Work</td>
<td>Health Promotion &amp; Disease Prevention</td>
<td>Optimizing PrEP utilization among alcohol and other drug (AOD) using women</td>
<td>$113,009</td>
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<td><strong>De Vieux, Jessy</strong></td>
<td>Robert Stempel College of Public Health and Social Work</td>
<td>Health Promotion &amp; Disease Prevention</td>
<td>Alcohol associated Comorbidities and Microbiome Evaluation in HIV (ACME HIV)</td>
<td>$15,447</td>
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<td><strong>De Vieux, Jessy</strong></td>
<td>Robert Stempel College of Public Health and Social Work</td>
<td>Health Promotion &amp; Disease Prevention</td>
<td>FANMI: A community-based cohort model for adolescent HIV care in Haiti</td>
<td>$30,798</td>
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Devieux, Jessy
Robert Stempel College of Public Health and Social Work
Health Promotion & Disease Prevention
Alcohol Abuse and Alcoholism
Initial
Southern HIV and Alcohol Research Consortium Administrative and Research $76,154

Dinehart, Laura
College of Arts, Sciences & Education
School of Education
U.S. Department of Education
Increase
Subproject to 800008548 No F&A $5,886

Fonseca, Brian
Steven J. Green School of International and Public Affairs
J Gordon Institute of Public Policy & Citizenship
Defense Intelligence Agency
Initial
Critical Technology and Intelligence Studies Program $1,996,720

Fonseca, Brian
Steven J. Green School of International and Public Affairs
J Gordon Institute of Public Policy & Citizenship
U.S. Army
Increase
FIU-USSOUTHCOM Academic Partnership $123,000

Fonseca, Brian
Steven J. Green School of International and Public Affairs
J Gordon Institute of Public Policy & Citizenship
Defense Intelligence Agency
Continuation
Intelligence Community Centers for Academic Excellence $300,000

Fourqurean, James
College of Arts, Sciences & Education—Biology
Environmental Protection Agency
Increase
Seagrass monitoring in the Florida Keys National Marine Sanctuary $200,000

Fourqurean, James
College of Arts, Sciences & Education
Biology
National Oceanic and Atmospheric Administration
Increase
MOU between DOC, NOAA, NOS, ONMS and FKNMS $1,360,052

Fourqurean, James
College of Arts, Sciences & Education
Biology
National Aeronautics & Space Administration
Supplemental
Aquarius Reef Base: NEEMO_23_NASA $63,463
Frazier, Stacy Lynn  
College of Arts, Sciences & Education—Psychology  
U.S. Department of Education  
Continuation  
Subproject to 800004984 Interactive Virtual Training (IVT) for Early Career  
$12,111

Gaiser, Evelyn  
College of Arts, Sciences & Education  
Biology  
U.S. Army Corps of Engineers  
Increase  
Aquatic Fauna and Periphyton Production Data Collection  
$226,159

Gan Chowdhury, Arindam  
College of Engineering and Computing  
Civil and Environmental Engineering  
National Science Foundation  
Initial  
MRI: Acquisition of a Three Component Particle Image Velocimetry (PIV) System  
$466,076

Gan Chowdhury, Arindam  
College of Engineering and Computing  
Civil and Environmental Engineering  
National Science Foundation  
Increase  
FIU Experimental Facility  
$1,327,000

Gann, Daniel  
Academic Affairs - Other Units  
GIS Center & Digital Collection  
U.S. Army Corps of Engineers  
Increase  
Monitoring of Tree Island Condition in the Southern Everglades  
$19,167

Gann, Daniel  
Academic Affairs - Other Units  
GIS Center & Digital Collection  
National Park Service  
Continuation  
Detecting Vegetation Change along ENP Boundary Areas  
$70,000

Georgakopoulos, Stavros  
College of Engineering and Computing  
Electrical and Computer Engineering  
Air Force Office of Scientific Research  
Supplemental  
Center on Physically Reconfigurable & Deployable Multifunctional Antennas  
$20,998

Gomes, Cristina  
College of Arts, Sciences & Education  
SEAS  
FIU Foundation  
Initial  
TCI Graduate Student Assistant Support  
$57,443

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Graziano, Paulo  
College of Arts, Sciences & Education  
Psychology  
Diabetes & Digestive & Kidney Diseases  
Initial  
Predicting early-childhood obesogenic mechanisms: The role of self-regulation  
$504,428

Graziano, Paulo  
College of Arts, Sciences & Education  
Psychology  
National Institute of Mental Health  
Continuation  
Biosignatures of Executive Function and Emotion Regulation in young children with ADHD  
$661,811

Guo, Sheng  
Steven J. Green School of International and Public Affairs  
Economics  
Trustees of Boston College  
Initial  
Inattentive Households and Consumption Declines during Retirement  
$29,287

Hadi, Mohammed  
College of Engineering and Computing  
Civil and Environ Engineering  
Florida Department of Transportation  
Initial  
SR 924/NW 119 Street Adaptive Signal Control Technology (ASCT) Pilot Project  
$65,982

Hadi, Mohammed  
College of Engineering and Computing  
Civil and Environ Engineering  
Florida Department of Transportation  
Initial  
SW 8th Street Adaptive Signal Control Evaluation -Phase 3  
$65,398

Hart, Katie  
College of Arts, Sciences & Education  
Psychology  
Administration for Children and Families  
Initial  
Examining Positive Behavioral Supports for Children with Challenging  
$25,000

Heithaus, Michael  
College of Arts, Sciences & Education  
Batchelor Foundation Inc.  
Increase  
Tropical Conservation Institute  
$700,000

Hospital, Michelle  
College of Arts, Sciences & Education  
SISH  
U.S. Public Health Service  
Initial  
Evaluation of the Gang Alternative Minority Violence Prevention Project 88 (MVP 88)  
$58,674
Ibarra, Julio
Academic Affairs—CIARA
National Science Foundation
Increase
IRNC Backbone - AmLight Express and Protect (ExP)-Supplemental Funding $715,800

Khizroev, Sakhrat
College of Engineering and Computing
Electrical & Computer Engineering
National Science Foundation
Initial
Magnetoelectric Nano-devices for Wireless Brain Stimulation $417,874

Khizroev, Sakhrat
College of Engineering and Computing
Electrical & Computer Engineering
Air Force Office of Scientific Research
Initial
Energy-efficient sub-10-nm magnetic tunneling junctions $29,943

Kramer, Laird
College of Arts, Sciences & Education
STEM Institute
Howard Hughes Medical Institute
Increase
Collaborative for Institutionalizing Scientific Learning $300,000

Lagos, Leonel
Academic Affairs—ARC Applied Research Center
U.S. Department of Energy
Increase
Robust and Remote Radiation Hardened Robotic System for Tunnel Inspection $65,365

Leon, Arturo Segundo
College of Engineering and Computing
Civil and Environ Engineering
Natl Institute of Environmental Research
Initial
Demonstration of modeling and intelligent operation of storm water systems for flood control $5,500

Lisetti, Christine
College of Engineering and Computing
Computer Info Sciences
U.S. Department of Education
Continuation
Interactive Virtual Training (IVT) for Early Career Teachers in Urban Schools $155,827

Lothridge, Kevin
College of Arts, Sciences & Education
SISH
Intl Narcotics & Law Enforcement Affairs
Initial
Myanmar and Thailand Law Enforcement Forensic Capacity Assessment and Training $495,652

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Lothridge, Kevin
College of Arts, Sciences & Education
SISH
Marine Corps Systems Command
Increase
Item No 0001AB PM & Supply Sup $242,241

Lothridge, Kevin
College of Arts, Sciences & Education
SISH
Marine Corps Systems Command
Increase
Item No 0003AB Initial User Training $181,464

Lothridge, Kevin
College of Arts, Sciences & Education
SISH
Marine Corps Systems Command
Increase
Item No 0004AB Initial Employment Scenario Training $294,137

Lothridge, Kevin
College of Arts, Sciences & Education
SISH
Marine Corps Systems Command
Increase
Item No 0005AB Sustainment Training $136,856

Lothridge, Kevin
College of Arts, Sciences & Education—SISH
Thermo Fisher Scientific
Initial
Mixture Interpretation and Statistics Training $25,063

Madanayake, Habarakada Liyanachchi
College of Engineering and Computing
Electrical & Computer Engineering
National Science Foundation
Initial
SpecEES: Collaborative Research: Spatially Oversampled Dense Multi-Beam $152,246

Madhivanan, Purnima
Robert Stempel College of Public Health and Social Work
Epidemiology
National Institutes of Health
Initial
Global Health Equity Scholars Program $225,074

Mardanpour, Pezhman
College of Engineering and Computing
Mechanical & Materials Engineering
Air Force Office of Scientific Research
Initial
DURIP-18) DIC and Data Acquisition System for Experimental Verification $160,139
Maziak, Wasim  
Robert Stempel College of Public Health and Social Work  
Epidemiology  
Fogarty International Center NIH  
Increase  
Translating evidence and building capacity to support water pipe control  $23,000

McDaniel, Dwayne  
Academic Affairs - Other Units  
ARC Applied Research Center  
Federal Aviation Administration  
Increase  
Effect of Surface Contamination on Composite Bond Integrity and Durability  $34,411

Miguez, Maria Jose  
College of Arts, Sciences & Education  
SISH  
National Institutes of Health  
Continuation  
Alcohol and HIV: Bio-behavioral Interactions and Intervention- Year 4  $216,399

Mills, De Etta Kay  
College of Arts, Sciences & Education  
Biology  
National Science Foundation  
Increase  
DoD - DeEtta Mills  $17,000

Montas-Hunter, Sonja  
Academic Affairs - Other Units  
Student Access and Success  
U.S. Department of Agriculture  
Continuation  
Summer Food Service Program 2014-2021  $72,240

Montas-Hunter, Sonja  
Academic Affairs—Student Access and Success  
U.S. Department of Education  
Continuation  
Educational Talent Search Program 2016-2021  $256,455

Moon, Joongho  
College of Arts, Sciences & Education  
Chemistry  
Korea Evaluation Institute of Industrial Technology  
Continuation  
Development of 35% lightweight CCB module for automotive  $30,821

Murray, Edward  
Steven J. Green School of International and Public Affairs  
Metropolitan Center  
City of Miami  
Initial  
City of Miami Affordable Housing Master Plan  $110,000
Murray, Edward  
Steven J. Green School of International and Public Affairs  
Metropolitan Center  
Dania Beach Community Redevelopment Agency  
Initial  
Dania Beach City Center Development: Economic Analysis and Community Charrette  
$35,000

Oberbauer, Steven  
College of Arts, Sciences & Education  
Biology  
National Science Foundation  
Initial  
Collaborative Research: Using the ITEX-AON network to document and understand  
$215,483

Obeysekera, Jayantha  
College of Arts, Sciences & Education  
Sea Level Solutions Center  
South Florida Water Management District  
Initial  
Development of Unified Climate Scenarios for Florida – Workshop  
$50,000

Pelham, Jr., William  
College of Arts, Sciences & Education  
Psychology  
Institute of Education Sciences  
Initial  
Project Enhancing IEP Implementation of Children with ADHD Using Daily  
$100,010

Pelham, Jr., William  
College of Arts, Sciences & Education  
Psychology  
National Institutes of Health  
Initial  
Neural correlates of symptoms and functioning in young adults with childhood ADHD  
$32,767

Pettit, Jeremy  
College of Arts, Sciences & Education  
Psychology  
National Institute of Mental Health  
Initial  
Targeting Burdensomeness among Clinic Referred Youth: Development of a Brief CBT Module  
$35,085

Pomeroy, Jordana  
Academic Affairs—Frost Art Museum  
Florida Division of Cultural Affairs  
Initial  
FY 2018-2019 General Program Support: Discipline-Based (Museum)  
$9,550

Price, Rene  
College of Arts, Sciences & Education  
Earth and Environment  
South Florida Water Management District  
Initial  
ENP Lake Ecohydrology Monitoring Conditions  
$77,493

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
**Prospect, Sean Antonio**  
College of Arts, Sciences & Education  
Community Engagement  
U.S. Department of Education  
Initial  
Project OPPORTUNITY (FIU After School All Stars) 2018-2019 $373,416

**Prospect, Sean Antonio**  
College of Arts, Sciences & Education  
Community Engagement  
U.S. Department of Education  
Initial  
Project IMPACT (FIU After School All-Stars) 2018-2019 $302,115

**Prospect, Sean Antonio**  
College of Arts, Sciences & Education  
Community Engagement  
U.S. Department of Education  
Initial  
Project CLAW (FIU After School All Stars) 2018-2019 $173,224

**Prospect, Sean Antonio**  
College of Arts, Sciences & Education  
Community Engagement  
Florida Department of Education  
Initial  
Project PRIDE (FIU After School All-Stars) 2018-2019 $145,706

**Pulugurtha, Markondeyaraj**  
College of Engineering and Computing  
Biomedical Engineering  
Georgia Tech Research Corp.  
Continuation  
Advanced Components and Integration for Systems Packaging $80,000

**Raymond, Andrea**  
Herbert Wertheim College of Medicine  
Immunology  
National Institutes of Health  
Increase  
Development of circulating exosomes as a theranostic of neurodisease progression $63,757

**Rehage, Jennifer**  
College of Arts, Sciences & Education  
Earth and Environment  
National Park Service  
Initial  
Effects of freshwater inflows and seagrass die-off on recreational fisheries $189,901

**Rein, Kathleen**  
College of Arts, Sciences & Education—Chemistry  
National Oceanic and Atmospheric Admin  
Initial  
A Mechanism Based Intervention for Brevetoxin Induced Oxidative Stress $148,329
Richardson, Jason  
Robert Stempel College of Public Health and Social Work  
Dean's Office  
Michael J. Fox Foundation for Parkinson  
Initial  
Farnesoid X Receptor as a Target to Reduce Neuroinflammation $10,701

Rose, Suzanna  
Academic Affairs - Other Units  
Office to Advance Women, Equity & Diversity  
Children's Trust  
Initial  
Triple P4YOU@ FIU - Power of Positive Parenting Program Group Lifestyles Obesity $235,200

Rose, Suzanna  
Academic Affairs - Other Units  
Office to Advance Women, Equity & Diversity  
Children's Trust  
Initial  
PAT4YOU@FIU 2018-2019 $315,615

Ross, Michael  
College of Arts, Sciences & Education  
Earth and Environment  
National Park Service  
Increase  
Ecosystem dynamics in the White Zone: history, drivers, and restoration implications $20,000

Sah, Jay  
College of Arts, Sciences & Education—SERC  
U.S. Army Corps of Engineers  
Increase  
Landscape pattern - Marl Prairie/Slough Gradients $96,280

Sah, Jay  
College of Arts, Sciences & Education  
SERC  
U.S. Army Corps of Engineers  
Increase  
Monitoring of Tree Island Condition in the Southern Everglades $73,301

Sah, Jay  
College of Arts, Sciences & Education  
SERC  
U.S. Army Corps of Engineers  
Supplemental  
Landscape Pattern- Ridge, Slough, and Tree Island Mosaics $91,690

Sarmiento, Juan Pablo  
Academic Affairs - Other Units  
Extreme Events Institute  
US Agency for International Development  
Increase  
The Disaster Resilience and Climate in the Americas Program (DRCAP) $570,000
**Sarwat, Arif Islam**  
College of Engineering and Computing  
Electrical & Computer Engineering  
National Science Foundation  
Continuation  
CAREER: Cyber Physical Solution for High Penetration Ren $89,673

**Schummers, James**  
College of Engineering and Computing  
Biomedical Engineering  
National Institutes of Health  
Initial  
Subcellular calcium signaling in visual cortical astrocytes $309,474

**Sheehan Delgado, Diana Montserrat**  
Robert Stempel College of Public Health and Social Work  
Epidemiology  
Minority Health and Health Disparities  
Initial  
Just-in-time adaptive interventions for improving young Latino sexual minority $135,347

**Soto Caro, Fabian Aurelio**  
College of Arts, Sciences & Education  
Psychology  
National Institute of Mental Health  
Continuation  
Perceptual and decisional processes underlying face perception biases in clinical depression $189,210

**Sousa, Jacqueline Bueno**  
College of Business  
COB Deans Office  
U.S. Small Business Administration  
Increase  
FL SBDC at FIU 2018 $50,000

**Steadman, Casey**  
Academic Affairs—The Wolfsonian  
Florida Division of Cultural Affairs  
Initial  
2018-2019 FL DCA General Support $9,146

**Thiel, Markus**  
Steven J. Green School of International and Public Affairs  
Politics and International Relations  
European Commission  
Initial  
Jean Monnet Center of Excellence (Renewal Grant Global Europe) $104,422

**Thomas, Tami Lynn**  
Nicole Wertheim College of Nursing and Health Sciences  
Nursing and Health Science Dean’s Office  
Health Resources & Services Administration  
Initial  
Advanced Nursing Education Regional Underserved Sexual Assault Nurse $499,364
**Tremante, Andres**  
College of Engineering and Computing  
Mechanical and Mat Engineering  
Children's Trust  
Initial  
FIU ENLACE  
$490,204

**Trepka, Mary Jo**  
Robert Stempel College of Public Health and Social Work  
Epidemiology  
Minority Health and Health Disparities  
Initial  
Women-centered HIV care practices that facilitate HIV care retention  
$478,211

**Trexler, Joel**  
College of Arts, Sciences & Education  
Biology  
National Park Service  
Increase  
Analyzing the Impact of Changing Hydrologic Conditions  
$211,520

**Trexler, Joel**  
College of Arts, Sciences & Education  
Biology  
U.S. Army Corps of Engineers  
Increase  
Aquatic Fauna and Periphyton Production Data Collection  
$218,341

**Triay Melendez, Ines**  
Academic Affairs—ARC Applied Research Center  
U.S. Department of Energy  
Increase  
Center for Actinide Science and Technology  
$156,211

**Triay Melendez, Ines**  
Academic Affairs - Other Units  
ARC Applied Research Center  
U.S. Department of Energy  
Increase  
Sub-project for Dr. Kavallieratos  
$60,847

**Troxler, Tiffany Grace**  
College of Arts, Sciences & Education  
SERC  
National Park Service  
Increase  
Ecological Assessment of Florida Bay and adjacent Mangrove Wetlands  
$173,000

**Troxler, Tiffany Grace**  
College of Arts, Sciences & Education  
SERC  
City of Coral Gables  
Increase  
City of Coral Gables Tidal Gauge Study  
$25,588
Tse Dinh, Yukching
College of Arts, Sciences & Education
Chemistry
National Institutes of Health
Supplemental
Supplement for undergraduate $22,508

Uluagac, Arif Selcuk
College of Engineering and Computing
Electrical & Computer Engineering
National Science Foundation
Continuation
CAREER: Securing Sensory Side-Channels in Cyber-Physical Systems $45,146

Unwalla, Hoshang Jehangir
Herbert Wertheim College of Medicine
Immunology
U.S. Department of Defense
Initial
Novel approaches to Eliminating HIV Latency $258,924

Valdes, Silvia
Academic Affairs—Children’s Creative Learn Center
U.S. Department of Education
Initial
(CCAMPIS) Child Care Access Means Parents in Schools 2018-2022 $275,126

Villalba, Karina
Robert Stempel College of Public Health and Social Work
Health Promotion & Disease Prevention
Minority Health and Health Disparities
Increase
Effects of childhood abuse on emotion and cognition and health-risk behaviors $73,250

Volakis, John
College of Engineering and Computing
Engineering Dean’s Office
National Aeronautics & Space Administration
Initial
Frequency Independent Ultra Wideband Millimeter-Wave Beamformer $165,000

Volakis, John
College of Engineering and Computing
Engineering Dean’s Office
U.S. Department of Defense
Initial
Same Frequency Simultaneous Transmit and Receive Radio for Military and Commercial $27,000

Von Glinow, Mary Ann
College of Business
Department of International Business
U.S. Department of Education
Initial
Center for International Business Education and Research (CIBER) $282,000
Wagner, Eric
Robert Stempel College of Public Health and Social Work
School of Social Work
Substance Abuse & Mental Health Services
Increase
FIU-MDCPS Partnership for Preventing Health among Youth $25,000

Yoshinaga, Masafumi
Herbert Wertheim College of Medicine
Cellular Biology and Pharmacology
National Science Foundation
Initial
Molecular mechanisms of aerobic degradation of environmental organoarsenical $465,000

Zhu, Ping
College of Arts, Sciences & Education
Earth and Environment
National Oceanic and Atmospheric Administration
Initial
Improving Sub-Grid Scale Parameterization and Microphysical-Dynamical $146,320

Funding Opportunities
ORED has a new, improved and interactive webpage for funding opportunities. Please visit http://research.fiu.edu/funding/#current.

Limited Submissions
Current limited submission opportunities are available at http://research.fiu.edu/funding/limited-submissions/.

Upcoming deadlines include:

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<th>AGENCY</th>
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<td>ORAU</td>
<td>Events Sponsorship Program</td>
<td>Only one event grant per institution per fiscal year</td>
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<td>ORAU</td>
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<td>ORAU</td>
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<td>Only two proposals per fiscal year</td>
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## Contact ORED Senior Leadership

<table>
<thead>
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**Office of Research and Economic Development**

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http://research.fiu.edu

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu