3-2018

ORED Communicator - March 2018

Office of Research and Economic Development, Florida International University

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Upcoming Events

March

- March 2, 12 to 1 pm, AHC 1 #110, Speaker Series: Depression and Suicide in Adolescents, presented by Randy P. Auerbach
- March 7, 12 to 1 pm, AHC 1 #110, Strategies to Manage your Young Child’s Challenging Behaviors, presented by FIU’s Center for Children and Families
- March 8 – March 9, 8 am to 5 pm, MARC Pavilion, Biomedical Comparative Immunology (BCI) Symposium
- March 8, 3:30 pm – 4:45 pm, GC 150, 2018 Biological & Environmental Sciences and Health Sciences Exploratory Panel
- March 12, 5:30 to 7 pm, FIU Frost Museum, Mixtape Mondays, a compilation of ideas from FIU faculty across disciplines, using the collection as a focal point to talk about their research interests
- March 13, 12 to 1 pm, AHC 5 #500, Health Informatics and Health Systems Joint Faculty & Doctoral Student Seminar, presented by Hyeyoung Hah
- March 19, 12 to 1 pm, WC 130, What I have learned from teaching human anatomy in an active learning environment, presented by Lisa Brinn, part of the Discipline-Based Education Research (DBER) Seminar Series
- March 21, 12 to 2 pm, AHC 1 #100, Frustrated Trying to Manage your Child’s Media Devices?, presented by FIU’s Center for Children and Families
- March 26, 12 to 1 pm, WC 130, Discovery-based Education in CREST, presented by Rita Teutonico and Bradley Schonhoff
- March 27 & 28, 10 am to 4 pm, GC Ballrooms, 2018 Conference for Undergraduate Research at FIU (CURFIU 2018)
- March 28, 12 to 1 pm, AHC 1 #110, Raising a Bilingual Child—Dispelling Myths, presented by FIU’s Center for Children and Families
- March 30, 1:30 to 2:30 pm, GL 100A, Biomolecular Sciences Institute lecture, presented by Laura Finzi

April

- April 2, 10:30 to 11:30 am, ZEB 325, Educational Inquiry Colloquium Series, presented by Bradley Davis
- April 2, 12 to 1 pm, WC 130, Lessons Learned in Transforming my General Chemistry Course into Full Active Learning, presented by Milagros Delgado
- April 6, 2 to 3 pm, ECS 241, Including Entrepreneurship and Numerical Simulation of Boiling Heat Transfer Under Different Gravity Levels, presented by Vijay Dhir
- April 7 – 10, 2018, JW Marriott Marquis Downtown Miami, Diversity Abroad Conference New Realities & Untapped Potential, all FIU employees and students are eligible for a 25% discounted conference registration fee (please register as a member since FIU is part of the Diversity Abroad network; discount codes: Main Conference: 25FIU2018; MSI Summit: 25FIU/MSI2018; GRLS: 25FIU/GRLS2018
- April 9, 12 to 1 pm, WC 130, ‘‘Flipping’’ genetics classroom: Emphasis on Critical Thinking and Application Skills, presented by De Etta Mills and Helena Schmidtmayeroova
- April 10, 12 to 1 pm, AHC 5 #300, Health Informatics and Health Systems Joint Faculty & Doctoral Student Seminar
- April 16, 12 to 1 pm, WC 130, Demystifying the Engineering and Computer Science Underrepresented Problem, presented by Monique Ross
Awards Received—January 2018

FIU researchers were awarded $6,999,057 in January 2018. Below is a listing of awards received:

**Adjouadi, Malek**  
College of Engineering and Computing  
University of Texas El Paso  
Supplemental  
BPC-AE: Computing Alliance of Hispanic-Serving Institutions (CAHSI) Renewal $52,992

**Adjouadi, Malek**  
College of Engineering and Computing  
University of Texas El Paso  
Supplemental  
Participant Support to 800006295 $13,500

**Agarwal, Arvind**  
College of Engineering and Computing  
Office of Naval Research  
Initial  
Acquisition of a Flash Diffusivity Testing Apparatus for Measuring Thermophysical $145,263

**Akkaya, Kemal**  
College of Engineering and Computing  
National Science Foundation  
Initial  
REU Site: Security of Smart Things $110,526

**Akkaya, Kemal**  
College of Engineering and Computing  
National Science Foundation  
Initial  
Participant Payments to 800009050 $209,448

**Anderson, Elizabeth**  
College of Arts, Sciences & Education  
FIU Foundation  
Increase  
Living Andean Rivers: Low Cost Monitoring of Water Resources for Sustainable Management $60,000

**Azizinamini, Atorod**  
College of Engineering and Computing  
U.S. DOT Federal Highway Administration  
Initial  
2017 National Accelerated Bridge Construction Conference $80,075

**Bagner, Daniel**  
College of Arts, Sciences & Education  
National Institute of Mental Health  
Continuation  
Mental Health Services for Infants/Toddlers Receiving Early Intervention $197,775
**Bastida, Elena Maria**  
Robert Stempel College of Public Health & Social Work  
University of Miami  
Initial  
CLaRO's Community Engagement and Dissemination Core  
$219,495

**Bejar, Elizabeth**  
 Academic Affairs - Other Units  
FIU Foundation  
Initial  
Mellon Foundation: Making Diversity Meaningful in the Humanities  
$725,000

**Bejar, Elizabeth**  
 Academic Affairs - Other Units  
University of Pennsylvania  
Increase  
HSI-PATHWAYS Hispanic Serving Institutions: Pathways to the Professoriate  
$74,331

**Burke, Shanna**  
Robert Stempel College of Public Health & Social Work  
University of Central Florida  
Increase  
Project Panther LIFE 2015-2020  
$100,413

**Casas, Alexander**  
Division of Finance  
National Oceanic and Atmospheric Administration  
Continuation  
Guard Services for the National Hurricane Center  
$314,798

**Chapman, Demian**  
College of Arts, Sciences & Education  
Paul G. Allen Family Foundation  
Initial  
eDNA: a new way to access to sharks for conservation  
$465,000

**De La Rosa, Mario**  
Robert Stempel College of Public Health & Social Work  
University of Miami  
Initial  
Center for Latino Health Research Opportunities – CLaRO  
$91,882

**De La Rosa, Mario**  
Robert Stempel College of Public Health & Social Work  
University of Miami  
Initial  
CLaRO's Investigator Development Core  
$18,248

**Dick, Anthony**  
College of Arts, Sciences & Education  
National Science Foundation  
Initial  
RAPID: Leveraging the ABCD Study to Examine the Effects of Hurricane Irma Exposure  
$179,982
Finlayson, Mark Alan  
College of Engineering and Computing  
National Science Foundation  
Initial  
CAREER: Learning Multi-Level Narrative Structure  $122,499

Fonseca, Brian  
Steven J. Green School of International & Public Affairs  
CACI International Inc.  
Initial  
FIU-USSOUTHCOM Academic Partnership  $100,000

Gaiser, Evelyn  
College of Arts, Sciences & Education  
National Science Foundation  
Increase  
LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research  $48,050

Garber, David  
College of Engineering and Computing  
Florida Department of Transportation  
Initial  
Shear Friction Capacity of Corrugated Pipe Connection in Precast Footings  $269,317

Gladstone, Susan  
Academic Affairs - Other Units  
Miami-Dade County Cultural Affairs  
Initial  
FY2017-2018 Jewish Museum of Florida-FIU Season Activities  $166,351

Gladstone, Susan  
Academic Affairs - Other Units  
Funding Arts Network  
Initial  
"Ruth Gruber: Photojournalist"  $15,000

Gonzalez-Arias, Sergio  
College of Medicine  
Pfizer Inc.  
Initial  
ACDS Annual Meeting  $22,000

Khizroev, Sakhrat  
College of Engineering and Computing  
University of California Berkeley  
Pre-Award  
Physics of Spin Switching in Sub-10-nm Spin-transfer-torque Magnetic Tunneling Junctions  $19,470

Kutateladze, Besiki Luka  
Steven J. Green School of International & Public Affairs  
John D. and Catherine T. MacArthur Found  
Initial  
Advancing Prosecutorial Fairness and Effectiveness through Data and Innovation  $34,573
Lagos, Leonel  
Academic Affairs - ARC  
Office of Environmental Management  
Supplemental  
Chemical Process Alternatives for Radioactive Waste  
$100,000

Lagos, Leonel  
Academic Affairs - ARC  
Office of Environmental Management  
Supplemental  
Environmental Remediation Science and Technology  
$100,000

Lagos, Leonel  
Academic Affairs - ARC  
Office of Environmental Management  
Supplemental  
Waste and D and D Engineering and Technology Development  
$100,000

Lee, Valentina  
College of Arts, Sciences & Education  
University of South Florida  
Initial  
Nature as a Resource in the Job Demands-Resource Model  
$5,940

Lin, Wei-Chiang  
College of Engineering and Computing  
Nicklaus Children's Hospital  
Continuation  
Multimodal Neuromonitoring and Neuroprotection in Critically Ill Children  
$29,042

Lundy, Debra  
Chaplin School of Hospitality and Tourism Management  
Miami-Dade County Cultural Affairs  
Initial  
2017-18 FEST South Beach Wine & Food Festival  
$79,336

Mehrabi, Armin Barzegar  
College of Engineering and Computing  
Florida Department of Transportation  
Initial  
Redundancy of Twin Steel Box Girder Bridges  
$174,932

Moon, Joong Ho  
College of Arts, Sciences & Education  
Korea Evaluation Institute of Industrial Technology  
Increase  
Development of 35% lightweight CCB module for automotives  
$37,224

Papastamatiou, Yannis  
College of Arts, Sciences & Education  
BBC Blue Planet  
Initial  
Predator prey interactions of great hammerheads  
$1,518
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<tr>
<th>Name</th>
<th>University/Department</th>
<th>Project Title</th>
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<td>Prospect, Sean Antonio</td>
<td>College of Arts, Sciences &amp; Education</td>
<td>Project OPPORTUNITY (FIU after School All Stars) 2017-2018</td>
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<td>Ramella Roman, Jessica</td>
<td>College of Engineering and Computing</td>
<td>NST ERC: Precise Advanced Technologies and Health Systems (PATHS-UP)</td>
<td>$84,779</td>
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<td>Rishe, Naphtali</td>
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<td>I/UCRC Phase II: Center for Advanced Knowledge Enablement</td>
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<td>Rojas, Patria</td>
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<td>HoMBRES en Familia (Hispanic Men Building Respect…)</td>
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<td>Rose, Suzanna</td>
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<td>$156,800</td>
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<td>Rosenbaum, Allan</td>
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<td>TDC 2018 Inter-American Conference of Mayors and Local Authorities</td>
<td>$14,400</td>
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<td>Sah, Jay</td>
<td>College of Arts, Sciences &amp; Education</td>
<td>Evaluation of Vegetation Response to Changes in Hydrologic Parameters</td>
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<td>Sah, Jay</td>
<td>College of Arts, Sciences &amp; Education</td>
<td>Status of Vegetation Structure and Composition within the Habitat of Cape</td>
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Sousa, Jacqueline Bueno  
College of Business Administration  
University of West Florida  
Initial  
FL SBDC at FIU 2018  
$462,221

Sousa, Jacqueline Bueno  
College of Business Administration  
University of West Florida  
Initial  
FL SBDC at FIU 2018 - PTAC FED  
$35,642

Sousa, Jacqueline Bueno  
College of Business Administration  
University of West Florida  
Initial  
FL SBDC at FIU 2018  
$154,957

Steadman, Casey  
Academic Affairs – The Wolfsonian  
City of Miami Beach  
Initial  
2017-2018 General Operating Support  
$27,318

Steadman, Casey  
Academic Affairs – The Wolfsonian  
Miami-Dade County Cultural Affairs  
Initial  
FY 2017-2018 Major Cultural Institutions (MCI) Program – Miami-Dade County  
$290,199

Stuart, John  
College of Communication, Architecture + The Arts  
City of Miami Beach  
Initial  
City of Miami Beach Junior Cultural Anchor Grant 17-18  
$22,652

Troxler, Tiffany  
College of Arts, Sciences & Education  
South Florida Water Management District  
Increase  
Surface water-groundwater interactions in Everglades tree islands  
$87,350

Varas-Diaz, Nelson  
Steven J. Green School of International & Public Affairs  
National Institutes of Health  
Continuation  
HIV/AIDS Stigma Behaviors in Clinical Encounters  
$115,533

Varas-Diaz, Nelson  
Steven J. Green School of International & Public Affairs  
National Institutes of Health  
Increase  
HIV/AIDS Stigma Behaviors in Clinical Encounters  
$80,603
**Funding Opportunities**
ORED has a new, improved and interactive webpage for funding opportunities. Please visit [http://research.fiu.edu/funding/#current](http://research.fiu.edu/funding/#current).

**Limited Submissions**
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</tbody>
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For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu