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ORED Communicator - May 2017

Office of Research and Economic Development, Florida International University

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May 2017

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Congratulations to our 2017 graduates and our dedicated faculty who help them get there!
Upcoming Events

May

- May 3, 12:30 to 1:30 pm, AHC4 #101. *The Paracrine Hormone Hypothesis of Colorectal Cancer*, presented by Scott A. Waldman
- May 9, 1 to pm, SIPA Auditorium, *6th Annual IFRI Symposium*, to register click [here](#)
- May 10, 8:30 am to 5 pm, SIPA Auditorium, *6th Annual IFRI Symposium*, to register click [here](#)

Awards Received—March 2017

FIU researchers were awarded $11,532,339 in March 2017. Below is a listing of awards received.

Alexander Agoulnik
College of Medicine
COM Human and Mol Genetics
Bayer Pharmaceuticals
Initial
Small molecule relaxin receptor agonists in treatment of uterine fibroids $13,993

Andres G Gil
Academic Affairs - Other Units
ORED
National Institutes of Health
Increase
Florida International University-Health Disparities Initiative (FIU-HDI) $1,710,000

Angela Marie Richmond Laird
College of Arts, Sciences & Education
Physics
National Institute on Drug Abuse
Pre-Award
FIU-ABCD: Pathways and Mechanisms to Addiction in the Latino Youth of South Florida $256,396

Arindam Gan Chowdhury
College of Engineering and Computing
Civil and Environ Engineering
Bison Innovative Products
Agreement
Service Agreement between the FIU Board of Trustees and Bison Innovative Products $77,899

Carlos Arturo Espinal Tejada
College of Public Health Social Work
Health Promo and Disease Prevention
Sanofi
Initial
Global health conference and Global Health Consortium activities $95,000

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Casey P Steadman  
Academic Affairs - Other Units  
The Wolfsonian  
FIU Foundation  
Increase  
Knight Museum of Ideas Fund  

Cheng-Tin Gan  
College of Engineering and Computing  
Civil and Environ Engineering  
Florida Department of Transportation  
Initial  
Effectiveness of Stationary Police Vehicles with Blue Lights in Freeway Work Zones  

Diana Valle-Riestra  
College of Arts, Sciences & Education  
Community Engagement  
University of Central Florida  
Supplemental  
Project Panther LIFE 2015-2020 Florida Consortium on Inclusive Higher Education  

Elizabeth Cramer  
College of Arts, Sciences & Education  
Teaching and Learning  
American Educational Research Assoc.  
Initial  
Parental Engagement in a Large, Urban School District for Students with Disabilities,  

Elizabeth M Bejar  
Provost and Exec VP Acad Aff  
University of Pennsylvania  
Supplemental  
HSI-PATHWAYS Hispanic Serving Institutions: Pathways to the Professoriate  

Eric Bishop-Von Wettberg  
College of Arts, Sciences & Education  
Biology  
National Institute of Food & Agriculture  
Initial  
Developing low pH tolerant varieties of chickpea  

Evelyn E Gaiser  
College of Arts, Sciences & Education  
SEAS  
Arizona State University  
Increase  
Urban resilience to climate change-driven extreme events  

Francisco Alberto Fernandez Lima  
College of Arts, Sciences & Education  
Chemistry  
National Science Foundation  
Increase  
CAREER: Development of gas-phase, post-ionization structural tools
Francisco Alberto Fernandez Lima  
College of Arts, Sciences & Education  
Chemistry  
IML Global Corp  
Agreement  
Service Authorization Request between the FIU BOT and IML Global Corp  
$1,950

Geoffrey S Smith  
College of Engineering and Computing  
Computer Info Sciences  
University of South Florida  
Initial  
Florida Center for Cybersecurity  
$25,000

Henry Briceno  
CASE SERC  
National Aquarium  
Initial  
Water Quality and Benthic community status of borrow pit, Florida Keys  
$58,464

Hesham A Ali  
College of Engineering and Computing  
Civil and Environ Engineering  
Florida Department of Transportation  
Increase  
Express Lane Marker Color Human Factors Study on Concrete  
$11,000

Hitendra Singh Chand  
College of Medicine  
COM Immunology  
National Institutes of Health  
Increase  
Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor  
$190,642

Ioannis Zisis  
College of Engineering and Computing  
Civil and Environ Engineering  
University of Florida  
Increase  
Characterization and modeling of the damage caused by hurricane induced  
$49,946

Jennifer Rehage  
College of Arts, Sciences & Education  
Earth and Environment  
U.S. Army Corps of Engineers  
Increase  
Role of Marsh-Mangrove Interface Habitats as Aquatic Refuges for Wetland  
$81,000

Joann Arnowitz  
Academic Affairs - Other Units  
Jewish Museum of Florida-FIU  
City of Miami Beach  
Initial  
JMOF General Support Grant FY17  
$49,500

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Jun Li
College of Arts, Sciences & Education
Biology
National Institutes of Health
Initial
Targeting mosquito FREP1 protein for malaria control $232,491

Krishnaswamy Jayachandran
College of Arts, Sciences & Education
Earth and Environment
Texas A&M University
Initial
START NOW ¿Student Training in Agricultural Research Techniques $83,000

Leonel Lagos
Academic Affairs - Other Units
ARC Applied Research Center
U.S. Army
Continuation
Cyber Attack Orchestration Test Bed for Automation and Threat Monitoring $200,000

Leonel Lagos
ARC Applied Research Center
Office of Environmental Management
Increase
Florida International University's Research Support to the DOE’s OEM $1,160,001

Lowell B Cooper III
Library Operations
Miami-Dade County Cultural Affairs
Initial
American Sign-Language, Captioning and Digital Transcription $2,406

Maria Olenick
College of Nursing and Health Sciences
Nursing Undergraduate
U.S. Department of Veterans Affairs
Supplemental
VA Nursing Academic Partnership Program (VANAP) $1,319,818

Marianna Baum
College of Public Health Social Work
Dietetics and Nutrition
Case Western Reserve University
Initial
OMICs to define impact of cocaine on immunity and HIV persistence in treated HIV $159,500

Mark L Williams
College of Public Health Social Work
Health Policy and Mgmt
Univ of Texas Health Science Ctr Houston
Continuation
HIV risk and prevention venue affiliation among young $25,460
Masafumi Yoshinaga  
College of Medicine  
COM Cell Biology and Pharm  
FIU Foundation  
Initial  
Pathways and molecular mechanisms of activation/synthesis and detox  
$50,000

Matthew Degennaro  
College of Arts, Sciences & Education  
Biology  
Florida Department of Health  
Initial  
Identifying Molecular Targets for Spatial Mosquito Repellent Design  
$198,468

Matthew T Sutherland  
College of Arts, Sciences & Education  
Psychology  
National Institutes of Health  
Continuation  
Impact of HIV and cannabis on brain function: Regions, networks,  
$162,296

Mesut Ozgen  
College of Communication, Architecture + The Arts  
Music  
Miami-Dade County Cultural Affairs  
Initial  
2017 Guitar Festival TDC Grant  
$5,000

Mesut Ozgen  
College of Communication, Architecture + The Arts  
Music  
National Endowment for the Arts  
Initial  
2018 Guitar Festival NEA Art Works Grant  
$15,000

Moses A Shumow  
College of Communication, Architecture + The Arts  
Journalism and Media  
FIU Foundation  
Initial  
Eyes on Your Mission Academy: Building Digital Capacity  
$97,000

Nazira El-Hage  
College of Medicine Immunology  
National Institutes of Health  
Continuation  
Role of Autophagy in Microglia-induced NeuroAIDS in Substance Abuse  
$360,180

Nazira El-Hage  
College of Medicine  
COM Immunology  
Florida Department of Health  
Initial  
Development of nanoscale approaches for Zika virus pathogenesis and therapeutics  
$1,983,036
Norman D Munroe  
College of Engineering and Computing  
Mechanical and Mat Engineering  
National Action Council for Minorities  
Increase  
NACME Initiative at Florida International University  
$46,000

Ping Zhu  
College of Arts, Sciences & Education  
Earth and Environment  
National Oceanic and Atmospheric Admin  
Increase  
Improving HWRF's Ability to Predict Rapid Change in Tropical Cyclone  
$169,162

Raul Gonzalez Jr  
College of Arts, Sciences & Education  
Psychology  
National Institute on Drug Abuse  
Pre-Award  
FIU-ABCD: Pathways and Mechanisms to Addiction in the Latino Youth of South Florida  
$286,606

Raul Gonzalez Jr  
College of Arts, Sciences & Education  
Psychology  
National Institute on Drug Abuse  
Continuation  
The Impact of Cannabis Use on the Neurocognitive Functioning of Individuals with HIV/AIDS  
$327,159

Raul Gonzalez Jr  
College of Arts, Sciences & Education  
Psychology  
National Institute on Drug Abuse  
Continuation  
Decision-Making and Episodic Memory in Trajectories to Cannabis Addiction  
$347,790

Robert Joseph Burgman  
College of Arts, Sciences & Education  
Earth and Environment  
National Oceanic and Atmospheric Admin  
Increase  
Developing a Real-Time Multi-Model Sub-Seasonal Predictive Capability  
$20,000

Sakhrat Khizroev  
College of Engineering and Computing  
Elec and Computer Eng  
University of California Berkeley  
Supplemental  
Physics of Spin Switching in Sub-10-nm Spin-transfer-torque Magnetic Tunneling Junctions  
$28,600
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Shanna L Burke  
College of Public Health Social Work  
School of Social Work  
Florida Department of Health  
Initial  
Demographic, Neuropsychological and Functional Classification, Risk Factors,  
$99,994

Sonja S Montas-Hunter  
Academic Affairs - Other Units  
Student Access and Success  
College Board Florida Partnership  
Initial  
2016-2017 College Board Florida Partnership Expanded Opportunity Grant  
$61,870

Stavros Georgakopoulos  
College of Engineering and Computing  
Elec and Computer Eng  
Air Force Office of Scientific Research  
Increase  
Highly Efficient Wireless Power Transfer and Data Transmission Methods  
$200,000

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

Wasim Maziak  
College of Public Health Social Work  
Epidemiology  
National Institute on Drug Abuse  
Increase  
Advancing addiction research and capacity to guide tobacco control in the Eastern  
$127,667

Xia Jin  
College of Engineering and Computing  
Civil and Environ Engineering  
Cambridge Systematics  
Initial  
New York Best Practice Model 2012 Base Year Update  
$16,368

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/.  

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
### Contact ORED Senior Leadership

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrés G. Gil</td>
<td>Vice President for Research &amp; Economic Development</td>
<td><a href="mailto:Andres.gil@fiu.edu">Andres.gil@fiu.edu</a></td>
</tr>
<tr>
<td>Tonja Moore</td>
<td>Associate Vice President, Strategic Planning &amp; Operations</td>
<td><a href="mailto:Tonja.moore@fiu.edu">Tonja.moore@fiu.edu</a></td>
</tr>
<tr>
<td>Luis P. Salas</td>
<td>Associate Vice President, International Research, Space Optimization and Compliance</td>
<td><a href="mailto:Luis.salas@fiu.edu">Luis.salas@fiu.edu</a></td>
</tr>
<tr>
<td>Mirtha Alberto</td>
<td>Director, Budget &amp; Cost Analysis</td>
<td><a href="mailto:Mirtha.alberto@fiu.edu">Mirtha.alberto@fiu.edu</a></td>
</tr>
<tr>
<td>Henry Artigues</td>
<td>Director, External Partnerships &amp; Economic Development</td>
<td><a href="mailto:Henry.artigues@fiu.edu">Henry.artigues@fiu.edu</a></td>
</tr>
<tr>
<td>David Driesbach</td>
<td>Assistant Vice President, Research Information Systems</td>
<td><a href="mailto:David.driesbach1@fiu.edu">David.driesbach1@fiu.edu</a></td>
</tr>
<tr>
<td>Christopher Grayson</td>
<td>Director, Research Integrity</td>
<td><a href="mailto:Christopher.grayson@fiu.edu">Christopher.grayson@fiu.edu</a></td>
</tr>
<tr>
<td>Emily Gresham</td>
<td>Assistant Vice President, Innovation &amp; Economic Development</td>
<td><a href="mailto:Emily.gresham@fiu.edu">Emily.gresham@fiu.edu</a></td>
</tr>
<tr>
<td>Robert Gutierrez</td>
<td>Assistant Vice President, Research Development &amp; Pre-Award</td>
<td><a href="mailto:Robert.gutierrez@fiu.edu">Robert.gutierrez@fiu.edu</a></td>
</tr>
<tr>
<td>Pedro Hernández</td>
<td>Director, Technology Management &amp; Commercialization</td>
<td><a href="mailto:Pedro.hernandez7@fiu.edu">Pedro.hernandez7@fiu.edu</a></td>
</tr>
<tr>
<td>Regnier Jurado</td>
<td>Director, Research Management Solutions</td>
<td><a href="mailto:Regnier.jurado@fiu.edu">Regnier.jurado@fiu.edu</a></td>
</tr>
<tr>
<td>Maureen Pelham</td>
<td>Director, Research Development</td>
<td><a href="mailto:Maureen.pelham@fiu.edu">Maureen.pelham@fiu.edu</a></td>
</tr>
<tr>
<td>Aida Reus</td>
<td>Director, Post-Award</td>
<td><a href="mailto:Aida.reus@fiu.edu">Aida.reus@fiu.edu</a></td>
</tr>
<tr>
<td>Horatiu Vinerean</td>
<td>Director, Laboratory Animal Research; Attending Veterinarian</td>
<td><a href="mailto:Horatiu.vinerean@fiu.edu">Horatiu.vinerean@fiu.edu</a></td>
</tr>
<tr>
<td>Susan Webster</td>
<td>Director, Training &amp; International Research Initiatives</td>
<td><a href="mailto:Susan.webster@fiu.edu">Susan.webster@fiu.edu</a></td>
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