ORED Communicator - June 2017

Office of Research and Economic Development, Florida International University

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Awards Received—April 2017

FIU researchers were awarded $6,064,144 in April 2017. Below is a listing of awards received.

**Alexander Agoulnik**
College of Medicine
Bayer Pharmaceuticals
Increase
Small molecule relaxin receptor agonists in treatment of uterine fibroids $19,007

**Alexander Agoulnik**
College of Medicine
National Institutes of Health
Initial
Relaxin receptor agonists for treatment of liver fibrosis $446,412

**Alexander D Casas**
University Police
National Oceanic and Atmospheric Admin
Increase
Guard Services for the National Hurricane Center $305,629

**Atorod Azizinamini**
College of Engineering and Computing
Florida Department of Transportation
Initial
Development of Quality Assurance and Quality Control System $342,913

**Carlos Arturo Espinal Tejada**
College of Public Health Social Work
Sanofi
Initial
Dengue Vaccine Guidelines Development $126,540

**Charles Packianathan**
College of Medicine
FIU Foundation
Initial
Understanding the pathways of human AS3MT using X-ray crystallography $50,000

**Daniel Bagner**
College of Arts, Sciences & Education
National Institute of Mental Health
Initial
Mental Health Services for Infants/Toddlers Receiving Part C Early Intervention $219,750

**Edward P Murray**
Steven J. Green School of International & Public Affairs
City of Hallandale
Initial
City of Hallandale Beach CRA Evaluation Committee Participation $3,500

**Elizabeth Anderson**
College of Arts, Sciences & Education
FIU Foundation
Initial
Piloting Low Cost Remote Sensors for Sustainable Water Management in the Andes $45,590
Eric Thomas Brewe  
College of Arts, Sciences & Education  
National Science Foundation  
Pre-Award  
Graduate Research Fellowship Program $10,000

Grover L Larkins  
College of Engineering and Computing  
Air Force Office of Scientific Research  
Continuation  
Potentially Useful and Novel Properties of Doped 2-Dimensional Materials $150,000

Haiyan Jiang  
College of Arts, Sciences & Education  
NASA Goddard Space Flight Center  
Initial  
The Contribution of Different Precipitation Types to the Symmetric Process $100,000

Hui Huang  
College of Public Health Social Work  
Florida State University  
Initial  
A pilot test and initial validation of a quality rating scale for Florida’s residential group homes $9,831

Jacob McPherson  
College of Engineering and Computing  
Northwestern University  
Initial  
IREK12: Spinal stimulation for neuropathic pain $135,000

Jeffrey Allen Boyd  
College of Medicine  
FIU Foundation  
Initial  
Detection of Somatic Pre-Cancerous Mutations in Tampons of Patients $10,000

Jennifer Rehage  
College of Arts, Sciences & Education  
South Florida Water Management District  
Initial  
Role of coastal lakes as fish habitat for recreational fisheries $85,000

Jonathan A Zawislak  
College of Arts, Sciences & Education  
NASA Goddard Space Flight Center  
Continuation  
The Relationship between Precipitation and Environmental Forcing $84,305

Joseph Daniel Sinicrope  
ARC Applied Research Center  
U.S. Army Corps of Engineers  
Initial  
Research and Development Initiatives in support of ERDC’s Coastal $27,231
Julio E Ibarra
CIARA
National Science Foundation
Increase
IRNC Backbone - AmLight Express and Protect (ExP) $1,000,000

Katie Hart
College of Arts, Sciences & Education
Children's Trust
Initial
FIU Summer Academy: School Readiness Summer Program for Young Children $19,385

Katie Hart
College of Arts, Sciences & Education
Children's Trust
Initial
Reading Explorers Program $136,434

Kenneth J Lipartito
Steven J. Green School of International & Public Affairs
Historic Hampton House Community Trust
Initial
Historical Exhibit for Hampton House $39,231

Kevin Boswell
College of Arts, Sciences & Education
University of South Florida
Initial
Spawning Habitat and Early-Life Linkages to Fisheries (SHELF) $13,221

Leonel Lagos
ARC Applied Research Center
Indian River State College
Initial
FIU Support to RCNET's Renewal Proposal for a National Advanced $100,000

Lowell B Cooper III
Library Operations
Southeast Florida Library Information Ne
Initial
Preserving Trans-municipal History in Southeast Florida: A Historical Society $4,500

Marianna Baum
College of Public Health Social Work
Case Western Reserve University
Initial
An unbiased OMICs approach to identify mechanisms of Cocaine $235,834

Melissa Lorrain Baralt
Steven J. Green School of International & Public Affairs
Baptist Health South Florida
Initial
The benefits of bilingualism for children born premature $17,789
Michael Cheng
Hospitality and Tourism Management
American Sugar Refining, Inc.
Initial
Value Chain Analysis 2017 ASR Inc. $33,699

Misak Sargsian
College of Arts, Sciences & Education
U.S. Department of Energy
Continuation
Theoretical Studies of High Energy Electron-Nuclear Processes $98,000

Mohammed A Hadi
College of Engineering and Computing
Florida Department of Transportation
Initial
Multi-Resolution Analysis of Advanced Traffic Management Strategies $4,123

Priyanka Alluri
College of Engineering and Computing
City of Doral
Increase
Transportation Engineering Technical and Research Support Services $14,915

Purnima Madhivanan
College of Public Health Social Work
Allergy and Infectious Diseases
Initial
Longitudinal Study of Vaginal Microbiota and Persistent Human Papillomavirus $439,500

Rahul Dev Jayant
College of Medicine
FIU Foundation
Initial
Intranasal-CNS Delivery of β-NAP Using Novel Simultaneous Spray Technology $50,000

Ranu Jung
College of Engineering and Computing
Arizona State University
Initial
SoftHand and ANS-NEPH Systems: Integration and Testing $247,058

Raul Gonzalez Jr.
College of Arts, Sciences & Education
National Institute on Drug Abuse
Increase
Decision-Making and Episodic Memory in Trajectories to Cannabis Addiction $99,847

Ryan Charles Meldrum
Steven J. Green School of International & Public Affairs
Florida Department of Juvenile Justice
Initial
Florida Department of Juvenile Justice Disposition Matrix Evaluation $6,999
Shuliang Jiao  
College of Engineering and Computing  
National Institutes of Health  
Initial  
Imaging the functional biomarker of photoreceptors  
$495,185

Silvia Valdes  
Children’s Creative Learn Ctr.  
Early Learning Coalition of Dade/Monroe  
Initial  
Quality Counts Support Grant  
$562

Tiffany Troxler  
College of Arts, Sciences & Education  
South Florida Water Management District  
Initial  
Ecological Monitoring of Water and Habitat Quality Associated  
$405,000

Tiffany Troxler  
College of Arts, Sciences & Education  
National Science Foundation  
Initial  
Dissertation Research: How do saltwater intrusion and drought interact  
$19,045

Timothy Collins  
College of Arts, Sciences & Education  
Florida Fish and Wildlife Conservation  
Initial  
The distribution of the New Guinea flatworm Platydemus manokwari in Florida  
$41,822

Todd Crowl  
College of Arts, Sciences & Education  
National Park Service  
Increase  
Provide Specialized Support Services to the Office of Everglades Restoration Initiatives  
$329,004

Venkata Subba Rao Atluri  
College of Medicine  
FIU Foundation  
Initial  
Therapeutic Effect of Withaferin A and miR-Chimera on Alzheimer's Disease  
$20,000

Xia Jin  
College of Engineering and Computing  
CTS Engineering Inc.  
Supplemental  
Transportation Statistics Support - FDOT D4  
$2,283

Zahra Sana Hazari  
College of Arts, Sciences & Education  
Harvard University  
Initial  
A study of how Pre-College Informal Activities Influence Female in STEM Careers  
$20,000

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
**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**
Current limited submission opportunities are available at [http://research.fiu.edu/funding/limited-submissions/](http://research.fiu.edu/funding/limited-submissions/).

**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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