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
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/.

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