

5-2019

## ORED Communicator - May 2019

Office of Research and Economic Development, Florida International University

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## Upcoming Events

### May

- ⇒ **May 1 and May 2, 9 am to 6 pm, SASC, [8<sup>th</sup> Annual Florida Forensic Science Symposium](#)**, presented by FIU's [International Forensic Research Institute](#), part of the [Global Forensic and Justice Center](#)
- ⇒ **May 7, 2:30 to 3:30 pm, TBD, [Preparing for IACUC Inspections](#)**, presented by the Office of Research and Economic Development
- ⇒ **May 29, 30 and 31, 9 am to 5 pm, Miami Beach Urban Studios, [15<sup>th</sup> Annual Workshop on LC/MS/MS Applications in Environmental Analysis and Food Safety](#)**—annual scientific meeting that provides a forum for scientists, researchers, government agencies and industry partners to share and discuss results pertaining to environmental and food analysis using hyphenated chromatography-mass spectrometry techniques

### June

- ⇒ **June 12, 9 am to 4 pm, FIU @ I-75, [Emotional Intelligence: You Got It! Now Use It!](#)**, presented by [Neil Katz](#), [registration required](#), cost between \$275 and \$300

## Awards Received—March 2019

FIU researchers were awarded \$9,576,483 in March 2019. Below is a listing of awards received.

#### Agarwal, Arvind

College of Engineering & Computing  
Mechanical & Materials Engineering  
Army Research Office  
Initial

Processing-Microstructure-Properties Maps for Metal Matrix Composites \$105,942

#### Agoulnik, Alexander

Herbert Wertheim College of Medicine  
Human & Molecular Genetics  
Diabetes & Digestive & Kidney Diseases  
Continuation

Relaxin receptor agonists for treatment of liver fibrosis \$437,423

#### Azizinamini, Atorod

College of Engineering & Computing  
Civil & Environ Engineering  
U.S. Department of Transportation  
Increase

ABC-UTC Proposal FY 16-17 (modification #2) \$1,400,100

**May 2019**

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## ***Awards Received—March 2019 (continued)***

FIU researchers were awarded \$9,576,483 in March 2019. Below is a listing of awards received.

### **Bastida, Elena Maria**

Robert Stempel College of Public Health & Social Work

Health Promotion & Disease Prevention

National Institutes of Health

Initial

Yr3-CLaRO's Community Engagement & Dissemination Core

\$43,088

### **Baum, Marianna**

Robert Stempel College of Public Health & Social Work

Dietetics & Nutrition

National Institute on Drug Abuse

Pre-Award

OMICs to define impact of cocaine on immunity & HIV persistence in treated HIV infection

\$31,600

### **Bejar, Elizabeth M**

Academic Affairs - Student Affairs Vice President's Office

Andrew W. Mellon Foundation

Increase

HSI-PATHWAYS Hispanic Serving Institutions: Pathways to the Professoriate

\$74,941

### **Bhansali, Shekhar**

College of Engineering & Computing

Electrical & Computer Engineering

National Science Foundation

Initial

REU Site: Wearable & Emerging technologies - Facilitating research Opportunities

\$359,642

### **Bond, Mark**

College of Arts, Sciences & Education

Biology

Paul G. Allen Family Foundation

Initial

Distinguished Marine Policy Fellow

\$62,500

### **Casas, Alexander**

Office of the President

University Police

National Oceanic & Atmospheric Administration

Supplemental

Guard Services for the National Hurricane Center

\$52,466

### **Chapagain, Prem**

College of Arts, Sciences & Education

Physics

Oragenics Inc.

Initial

Computational modeling of lantibiotics interactions with lipid II & membrane

\$70,000

**Cheng, Zhe**

College of Engineering & Computing  
 Mechanical & Materials Engineering  
 National Science Foundation  
 Initial

CAREER: Fundamentals & New Materials for Hydrogen Electrode of Proton \$128,170

**Clarke, Peter**

College of Engineering & Computing  
 Computer Info Sciences  
 National Science Foundation  
 Increase

Collaborative Project: Engaged Student Learning - Design & Development Level II \$15,501

**Clarke, Peter**

College of Engineering & Computing  
 Computer Info Sciences  
 National Science Foundation  
 Increase

Participant Support for 800005576 \$18,166

**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 \$758,505

**Comer, Jonathan**

College of Arts, Sciences & Education  
 Psychology  
 National Institute of Mental Health  
 Continuation

Improving Engagement & Outcomes among Traditionally Underserved Children \$8,010

**Cooke, Marcus**

Robert Stempel College of Public Health & Social Work  
 Environmental Health Sciences  
 National Institutes of Health  
 Initial

Urinary DNA Adductomics for the Assessment of Exposure to Cancer Risk Factors \$277,950

**Cooke, Marcus**

Robert Stempel College of Public Health & Social Work  
 Environmental Health Sciences  
 Environmental Health Sciences  
 Initial

Automation of the comet assay for high throughput genotoxicity testing \$76,152

**Cruz, Jose Miguel**

Steven J. Green School of International & Public Affairs  
 Latin American & Caribbean Center  
 Tinker Foundation Inc.  
 Initial

Tinker Field Research Grant \$15,000

**Dares, Christopher**

College of Arts, Sciences &amp; Education

Chemistry

Battelle

Continuation

Novel Synthesis of Neptunium Irradiation Targets through Advanced Electrochemical

\$90,000

**De La Rosa, Mario**

Robert Stempel College of Public Health &amp; Social Work

School of Social Work

National Institutes of Health

Initial

Yr3 - Center for Latino Health Research Opportunities – ClaRO

\$18,063

**De La Rosa, Mario**

Robert Stempel College of Public Health &amp; Social Work

School of Social Work

National Institutes of Health

Initial

Yr3 -CLaRO's Investigator Development Core

\$3,715

**Devieux, Jessy**

Robert Stempel College of Public Health &amp; Social Work

Health Promotion &amp; Disease Prevention

Alcohol Abuse &amp; Alcoholism

Increase

Alcohol &amp; HIV: Bio-behavioral Interactions &amp; Interventions

\$41,479

**Devieux, Jessy**

Robert Stempel College of Public Health &amp; Social Work

Health Promotion &amp; Disease Prevention

Alcohol Abuse &amp; Alcoholism

Increase

Effects of experimentally-induced reductions in alcohol consumption on brain cognitive

\$173,905

**Dou, Remy**

College of Arts, Sciences &amp; Education

Teaching &amp; Learning

National Science Foundation

Initial

CAREER: Talking Science: Early STEM Identity Formation through Everyday Science Talk

\$152,651

**Espinal Tejada, Carlos Arturo**

Robert Stempel College of Public Health &amp; Social Work

Health Promotion &amp; Disease Prevention

Sanofi

Initial

Assessment of acellular vaccination programs in Mexico, Costa Rica, &amp; Panama

\$116,400

**Fonseca, Brian**

Steven J. Green School of International &amp; Public Affairs

J Gordon Institute of Public Policy &amp; Citizenship

National Institute of Standards &amp; Technology

Pre-Award

National Initiative for Cybersecurity Education Annual Conference

\$37,800

**Gaiser, Evelyn**

College of Arts, Sciences &amp; Education

Biology

National Science Foundation

Increase

LTER: Drivers of Abrupt Change in the Florida Coastal Everglades

\$9,999

**Garcia, Orlando**

College of Communication, Architecture + The Arts

Music

Miami-Dade County

Initial

2019 New Music Miami ISCM Festival

\$4,505

**Georgakopoulos, Stavros**

College of Engineering &amp; Computing

Electrical &amp; Computer Engineering

National Science Foundation

Increase

REM Supplement to 800002807

\$13,600

**Georgakopoulos, Stavros**

College of Engineering &amp; Computing

Electrical &amp; Computer Engineering

National Science Foundation

Increase

Participant Sup to 800011403

\$86,400

**Gladstone, Susan**

Academic Affairs - Other Units

Jewish Museum of Florida-FIU

The BASS Museum of Art

Initial

IDEAS Program in City of Miami Beach

\$22,040

**Gladstone, Susan**

Academic Affairs - Jewish Museum of Florida-FIU

Florida Division of Cultural Affairs

Initial

FY18-19 FL Division of Cultural Affairs General Program Support

\$5,825

**Gonzalez Jr, Raul**

College of Arts, Sciences &amp; Education—Psychology

National Institute on Drug Abuse

Initial

Exercise, cognition, &amp; cannabis use in adolescents

\$35,577

**Hossain, Muhammad**

Robert Stempel College of Public Health &amp; Social Work

Environmental Health Sciences

Environmental Health Sciences

Initial

Pesticide Exposure &amp; Adult Neurogenesis: Role of ER Stress

\$52,414

**Ibarra, Julio**

Academic Affairs - CIARA  
National Science Foundation  
Increase  
REU Supplement

\$12,000

**Ibarra, Julio**

Academic Affairs - CIARA  
National Science Foundation  
Continuation  
IRNC Backbone - AmLight Express & Protect (Exp)

\$121,481

**Ibarra, Julio**

Academic Affairs - CIARA  
National Science Foundation  
Continuation  
IRNC: RXP: AtlanticWave-SDX: a distributed intercontinental experimental SDX

\$111,883

**Iyengar, Sundararaj Sitharama**

College of Engineering & Computing  
Computer Info Sciences  
Army Research Office  
Initial  
Artificial Intelligence (AI) Embedded Information Assurance (IA) Workshop Proposal

\$28,143

**Jung, Ranu**

College of Engineering & Computing  
Biomedical Engineering  
U.S. DOD/Defense Advanced Research Project  
Increase  
Sub-Project for Participants

\$7,500

**Kavallieratos, Konstantinos**

College of Arts, Sciences & Education—Chemistry  
U.S. Department of Energy  
Increase  
DOE Nuclear Fellowships for FIU

\$7,500

**Kiszka, Jeremy**

College of Arts, Sciences & Education—SEAS  
French Agency for Biodiversity  
Initial  
Better understanding conflicts between marine mammals & fisheries

\$115,176

**Lage, Onelia**

Herbert Wertheim College of Medicine  
Humanities Health & Society  
American Medical Association  
Initial  
Herbert Wertheim College of Medicine: Innovation in Education & Healthcare Delivery

\$15,000

**Lothridge, Kevin**

College of Arts, Sciences & Education—SISH  
Honolulu Police Department  
Initial  
Honolulu PD Training Manual

\$12,600

**Lothridge, Kevin**

College of Arts, Sciences & Education  
SISH  
University of Tampa  
Initial  
UT DNA Training

\$19,939

**Lothridge, Kevin**

College of Arts, Sciences & Education  
SISH  
FLIR Detection Inc.  
Initial  
Gas Chromatograph Mass Spectrometer User Training & Maintenance

\$15,371

**Madhivanan, Purnima**

Robert Stempel College of Public Health & Social Work  
Epidemiology  
Allergy & Infectious Diseases  
Supplemental  
Clinical study of a single-use, point-of-care molecular diagnostic device for the detection

\$6,285

**Maidique, Modesto**

College of Business  
Global Leadership Management  
Miami-Dade County  
Initial  
Chapmanville Leadership Development Program Cohort 3

\$250,000

**Martin, Felix E**

Steven J. Green School of International & Public Affairs  
Politics & International Relations  
Smith Richardson Foundation  
Initial  
Restoring Deterrence: Policy Choices after Conventional & Nuclear Direct Deterrence Failure

\$7,500

**Mason, Michelle**

College of Law  
Law Dean Admin & Faculty  
AccessLex Institute  
Initial  
FIU Law Path to the Profession Initiative Project

\$124,850

**Mondal, Ananda Mohan**

College of Engineering & Computing  
Computer Information Sciences  
National Science Foundation  
Increase  
CAREER: RUI: NetDA -- Protein Network-Based Software for Disease Analysis

\$226,194

**Mondal, Ananda Mohan**

College of Engineering & Computing  
Computer Information Sciences  
National Science Foundation  
Increase  
Participant Payments

\$4,320



**Morris, Staci**

Academic Affairs - Other Units

Community Based Research Institute

Substance Abuse &amp; Mental Health Services

Pre-Award

Community Partnership for Preventing Health Risks among Florida Urban

\$16,940

**Murray, Edward**

Steven J. Green School of International &amp; Public Affairs

Metropolitan Center

City of Delray Beach

Initial

Delray Beach Competitive Assessment &amp; Cluster Strategies Study

\$56,000

**Oberbauer, Steven**

College of Arts, Sciences &amp; Education

Biology

National Science Foundation

Increase

Collaborative Research: Using the ITEX-AON network to document &amp; understand

\$28,001

**Olenick, Maria**

Nicole Wertheim College of Nursing &amp; Health Sciences

Nursing Undergraduate

U.S. Department of Veterans Affairs

Initial

VA Nursing Academic Partnership Program (VANAP)

\$95,421

**Olson, Richard**

Steven J. Green School of International &amp; Public Affairs

Politics &amp; International Relations

Florida Division of Emergency Management

Initial

FIU's Hurricane Loss Reduction for Housing in Florida

\$585,000

**Pala, Nezh**

College of Engineering &amp; Computing

Electrical &amp; Computer Engineering

Army Research Laboratory

Increase

3D Simulation of THz Plasmonic Structures

\$90,000

**Randall, Thaddeus**

Academic Affairs - Other Units

International Student &amp; Scholar Services

Institute of International Education

Initial

IIE Student Emergency Initiatives: Venezuelan Student Relief Funds

\$10,000

**Rehage, Jennifer**

College of Arts, Sciences &amp; Education

Earth &amp; Environment

U.S. Army Corps of Engineers

Increase

Role of Marsh-Mangrove Interface Habitats as Aquatic Refuges

\$81,000

**Rehage, Jennifer**

College of Arts, Sciences &amp; Education

Earth &amp; Environment

National Park Service

Increase

Effects of freshwater inflows &amp; seagrass die-off on recreational fisheries:

\$292,495

**Richardson, Jason**

Robert Stempel College of Public Health &amp; Social Work

Deans Office

Environmental Health Sciences

Initial

Mechanism of Gene Environment Interactions in Alzheimer's Disease

\$384,174

**Richardson, Jason**

Robert Stempel College of Public Health &amp; Social Work

Deans Office

Neurological Disorders &amp; Stroke

Initial

Advanced Development of Drugs to Mitigate Parathion Intoxication

\$358,800

**Rodriguez-Lanetty, Mauricio**

College of Arts, Sciences &amp; Education

Biology

National Oceanic &amp; Atmospheric Administration

Initial

FAU-FIU-NASA Joint Operations for Summer 2019 NEEMO Mission

\$90,000

**Rogers, Jamie L**

Academic Affairs - Other Units

GIS Center &amp; Digital Collection

Southeast Florida Library Information Ne

Initial

Preserving our National Parks' Ecological, Historic, &amp; Cultural Heritage

\$3,000

**Rojas, Patria**

Robert Stempel College of Public Health &amp; Social Work

Health Promotion &amp; Disease Prevention

National Institutes of Health

Initial

Yr3-HoMBRES en Familia (Hispanic Men Building Respect, Education

\$70,107

**Roudenko, Svetlana Anatolyevna**

College of Arts, Sciences &amp; Education

Math &amp; Statistical Sciences

National Science Foundation

Initial

Nonlinear phenomena in stochastic &amp; deterministic dispersive PDE

\$61,985

**Sanchez, Mariana**

Robert Stempel College of Public Health &amp; Social Work

Health Promotion &amp; Disease Prevention

National Institutes of Health

Continuation

Pre- to Post-Immigrant Drinking &amp; Driving Trajectories

\$297,444

**Sousa, Jacqueline Bueno**

College of Business

Dean's Office

University of West Florida

Increase

FL SBDC at FIU 2019 – state award

\$214,222

**Steadman, Casey**

Academic Affairs - Other Units

The Wolfsonian

The BASS Museum of Art

Initial

STEAM Initiative in City of Miami Beach Schools with The Wolfsonian FIU

\$6,900

**Trexler, Joel**

College of Arts, Sciences &amp; Education

Biology

Springer

Initial

Oecologia Editor-in-Chief

\$168,060

**Uluagac, Arif Selcuk**

College of Engineering &amp; Computing

Electrical &amp; Computer Engineering

National Science Foundation

Continuation

Collaborative Research: SuRPASS: NSF SFS Unique Scholarship Program

\$40,469

**Uluagac, Arif Selcuk**

College of Engineering &amp; Computing

Electrical &amp; Computer Engineering

National Science Foundation

Continuation

Participant Payments to 800007822

\$367,422

**Unwalla, Hoshang Jehangir**

Herbert Wertheim College of Medicine

Immunology &amp; Nano Med

National Institute on Drug Abuse

Supplemental

Lung comorbidities in HIV patients

\$146,500

**Villar, Maria Elena**

College of Communication, Architecture + The Arts

CARTA Deans Off

National Geographic Society

Initial

Communicating Conservation: Students &amp; audiences &amp; advocates

\$30,045

**Wdowinski, Shimon**

College of Arts, Sciences &amp; Education

Earth &amp; Environment

Florida Office of Insurance Regulation

Initial

Coastal flooding hazard in Florida: Evaluating the contribution of local subsidence

\$197,227

## 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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