

## Upcoming Events

### April

- ⇒ April 3, 9:30 to 11 am, PG 5 215, [\*Psychological First Aid in Disasters\*](#) (morning lecture same as afternoon), presented by [Mark Macgowan](#)
- ⇒ April 3, 1:30 to 3 pm, PG 5 215, [\*Psychological First Aid in Disasters\*](#) (afternoon lecture same as morning), presented by [Mark Macgowan](#)
- ⇒ April 4, 12:30 to 1:30 pm, CP 145, [\*Forensic Science Seminar Series: Addressing the Opioid Crisis in the US\*](#), presented by experts from the DEA, University of Miami and Florida International University
- ⇒ April 5, 9 to 10 am, EC 1104, [\*Revisiting Muscle Spindle Function to Understand Impaired Sensorimotor Control\*](#), presented by [Lena Ting](#)
- ⇒ April 5, 11 am to 12 noon, PG 5 134, [\*Lysine Acetylation of Replication Proteins Regulates the Choice of the Lagging Strand Maturation Pathway\*](#), presented by [Lata Balakrishnan](#)
- ⇒ April 5, 11 am to 12 noon, EC 3930, [\*Electrical and Computer Engineering Seminar\*](#), presented by [Taher Sarif](#)
- ⇒ April 5, 12:30 to 1:30 pm, AHC5 300, [\*FIU-RCMI Research in Progress Seminar\*](#), presented by [Thomas H. Brandon](#)
- ⇒ April 5, 12:00 to 1:00pm, AHC1 #110, [\*Speaker Series - Irritability in Youth\*](#), presented by [Ellen Leibenluft](#)
- ⇒ April 5, 3 to 4 pm, WC 130, [\*Regional Groundwater Modeling over the Lower West Coast Surficial and Intermediate Aquifers\*](#), presented by Yirgalem Asseggid, Senior Hydrologic Modeler, South Florida Water Management District
- ⇒ April 9, 2 to 3 pm, MARC Pavilion, [\*The Leadership Research Colloquium\*](#), presented by [Nathan Hiller](#) and [Cecily Cooper](#)—RSVP at: <https://lead.fiu.edu/colloquium>
- ⇒ April 12, 12 to 5 pm, SIPA 103, [\*Biomolecular Sciences Symposium\*](#), with keynote address by [Robert Sackstein](#)
- ⇒ April 12, 7 to 8:30 pm, GL 220, [\*Operation Pedro Pan: Preserving the Heritage. Collecting the Stores\*](#), presented by [Victor Andrés Triay](#)
- ⇒ April 12, 8 pm, Stocker AstroScience Center, [\*End of Semester Star Party. NASA updates and more\*](#), presented by SISH and the Department of Physics
- ⇒ April 14 to 18, Hilton Miami Downtown Hotel, [\*2019 International Applied Computational Electromagnetics Society Symposium\*](#), [registration required](#)
- ⇒ April 18, 8 am to 4 pm, PG2 120, [\*Innovations in Mass Spectrometry and Automation\*](#), hosted by International Forensic Research Institute—free but [registration](#) required
- ⇒ April 26, 9 am to 3 pm, Wolfe University Center, [\*CLEO's Empower Capable Climate Communicators' Workshop\*](#), presented by CASE, SEAS and InWE

### 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](#)

April 2019

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## ***Awards Received—February 2019***

FIU researchers were awarded \$9,697,249 in February 2019. Below is a listing of awards received.

### **Abrahao, Anthony**

Academic Affairs - ARC Applied Research Center

Savannah River Nuclear Solutions LLC

Initial

Autonomous Radiation Mapping and Quantification using an Unmanned Ground Vehicle \$244,040

### **Ali, Hesham**

College of Engineering and Computing

Civil and Environmental Engineering

Florida Department of Transportation

Initial

Impact of Heavy Trucks and Permitted Overweight Loads on Highways and Bridges \$150,000

### **Allen, Timothy Alexander**

College of Arts, Sciences & Education

Psychology

National Institute of Mental Health

Continuation

The role of the nucleus reuniens in the temporal organization of memory and behavior \$364,575

### **Alwan, Elias Antoun**

College of Engineering and Computing

Electrical and Computer Engineering

National Science Foundation

Initial

Conference Grant: Student Travel Awards for 2019 International Workshop on Antenna Technology \$15,000

### **Baralt, Melissa Lorrain**

Steven J. Green School of International and Public Affairs

Modern Languages

National Endowment for the Humanities

Initial

Improving Spanish-language teacher retention and success among black Spanish-language \$87,532

### **Baralt, Melissa Lorrain**

Steven J. Green School of International and Public Affairs

Modern Languages

National Endowment for the Humanities

Initial

Improving Spanish-language teacher retention and success among black Spanish-language \$12,300

### **Bhansali, Shekhar**

College of Engineering and Computing

Electrical and Computer Engineering

National Science Foundation

Increase

PFI-TT: A Low-Cost Cortisol Sensor for Real-Time Stress Monitoring \$20,000

**Bhansali, Shekhar**

College of Engineering and Computing  
 Electrical and Computer Engineering  
 National Science Foundation  
 Increase

PFI-TT: A Low-Cost Cortisol Sensor for Real-Time Stress Monitoring \$16,000

**Bhat, Mahadev**

College of Arts, Sciences & Education  
 Earth and Environment  
 U.S. Department of Agriculture  
 Initial

Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers Program \$183,337

**Brown, Ellen Leslie**

Nicole Wertheim College of Nursing and Health Sciences  
 University of Alabama  
 Initial

Examining the clinical workflow and outcomes of integrating health information technology \$14,811

**Brown, Joann L**

College of Communication, Architecture + The Arts  
 Communication  
 City of Miami  
 Initial

Leadership Development Training City of Miami Fire Department \$100,950

**Burke, Shanna L**

Robert Stempel College of Public Health and Social Work  
 School of Social Work  
 Florida Department of Health  
 Initial

Shared neuroanatomical models of psychiatric conditions and Alzheimer's disease \$94,999

**Burke, Shanna L**

Robert Stempel College of Public Health and Social Work  
 School of Social Work  
 University of Central Florida  
 Continuation

Closing the employment and earnings gap for higher education students with intellectual disabilities \$32,066

**Bursac, Zoran**

Robert Stempel College of Public Health and Social Work  
 Biostatistics  
 University of Tennessee  
 Initial

Efficacy of Two Novel Behavioral Post-cessation Weight Gain Intervention \$9,798

**Bursac, Zoran**

Robert Stempel College of Public Health and Social Work  
 Biostatistics  
 University of Tennessee  
 Initial

Behavioral Weight Management for Pregnant and Postpartum Women in the Military \$9,798

**Cadle, Nathaniel E**

College of Arts, Sciences &amp; Education

English

National Endowment for the Humanities

Initial

The Romantic Revival and the Rise of Modernism

\$60,000

**Chandler, Jason R**

College of Communication, Architecture + The Arts

Architecture

Miami-Dade County

Initial

Uptown Avenue 7 Community Redevelopment Agency Charrette

\$10,000

**Chapagain, Prem P**

College of Arts, Sciences &amp; Education—Physics

Oragenics Inc.

Initial

Computational modeling of lantibiotics interactions with lipid II and membrane

\$30,000

**Coles, Erika K**

College of Arts, Sciences &amp; Education—Psychology

Children's Trust

Pre-Award

A Summer Program for Children with or at risk for serious behavior problems

\$258,907

**Devieux, Jessy**

Robert Stempel College of Public Health and Social Work

Health Promotion &amp; Disease Prevention

University of Florida

Initial

Alcohol and HIV: Bio-behavioral Interactions and Interventions

\$64,500

**Devieux, Jessy**

Robert Stempel College of Public Health and Social Work

Health Promotion &amp; Disease Prevention

Brigham and Women's Hospital

Continuation

Immediate Fast-Track versus Standard Care for Persons Living with HIV in Haiti

\$17,225

**Dinehart, Laura H**

College of Arts, Sciences &amp; Education

School of Education

South Florida After-School All Stars Inc.

Increase

South Florida After School All Stars Transfer Agreement 2014-2019

\$43,472

**Felty, Quentin W**

Robert Stempel College of Public Health and Social Work

Environmental Health Sciences

National Institutes of Health

Initial

ID3, epigenetic reprogramming, and hyper-proliferative vascular remodeling

\$439,500

**Ferreira, Leonardo C**

College of Communication, Architecture + The Arts  
 Journalism and Media  
 U.S. Department of State  
 Initial  
 Seventh On-Camera media Training

\$6,060

**Fonseca, Brian**

Steven J. Green School of International and Public Affairs  
 J Gordon Institute of Public Policy & Citizenship  
 CACI International Inc.  
 Supplemental  
 FIU-USSOUTHCOM Academic Partnership

\$614,000

**Gaiser, Evelyn E**

College of Arts, Sciences & Education  
 Biology  
 FIU Foundation  
 Initial  
 FIU For Everglades Student Research Fund

\$19,999

**Gaiser, Evelyn E**

College of Arts, Sciences & Education  
 Biology  
 South Florida Water Management District  
 Initial  
 Baseline Vegetation and Periphyton Monitoring

\$10,646

**Gan, Cheng-Tin**

College of Engineering and Computing  
 Civil and Environ Engineering  
 TransAction Associates Inc.  
 Initial  
 Incorporation of 2017 Rural NTD Data and Development of Peer Grouping Function

\$75,416

**Georgakopoulos, Stavros**

College of Engineering and Computing  
 Electrical and Computer Engineering  
 Air Force Office of Scientific Research  
 Increase  
 Highly Efficient Wireless Power Transfer and Data Transmission Methods for Battery-less

\$200,000

**Gil, Andrés G.**

Academic Affairs—Office of Research & Economic Development  
 National Institutes of Health  
 Increase  
 Florida International University-Health Disparities Initiative (FIU-HDI)

\$1,900,000

**Hale Jr, Donnie Ray**

Academic Affairs - Other Units  
 Student Access and Success  
 Educate Tomorrow  
 Initial  
 Unite Miami: The Education Effect 2018-2019

\$126,420

**Hossain, Muhammad M**

Robert Stempel College of Public Health and Social Work  
 Environmental Health Sciences  
 National Institute of Environmental Health Sciences  
 Pre-Award  
 Pesticide Exposure and Adult Neurogenesis: Role of ER Stress

\$206,805

**Jacobson, Susan Lisa**

College of Communication, Architecture + The Arts  
 Journalism and Media  
 Research Triangle Institute Int'l  
 Initial  
 Campaign for Health Information Empowerment (CHIME)

\$5,000

**Jin, Xia**

College of Engineering and Computing  
 Civil and Environmental Engineering  
 Florida Department of Transportation  
 Initial  
 Identifying and Tracking Emerging Transportation Trends and Indicators

\$148,395

**Jung, Ranu**

College of Engineering and Computing  
 Biomedical Engineering  
 National Institutes of Health  
 Initial  
 Enhancing Sensorimotor Integration Using a Neural Enabled Prosthetic Hand System

\$669,974

**Lagos, Leonel**

Academic Affairs—ARC Applied Research Center  
 Office of Environmental Management  
 Supplemental  
 Florida International University's Research Support to the DOE Environmental Management

\$283,334

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Academic Affairs—ARC Applied Research Center  
 Office of Environmental Management  
 Supplemental  
 Florida International University's Research Support to the DOE Environmental Management

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Academic Affairs—ARC Applied Research Center  
 Office of Environmental Management  
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 Florida International University's Research Support to the DOE Environmental Management

\$283,334

**Lagos, Leonel**

Academic Affairs—ARC Applied Research Center  
 Office of Environmental Management  
 Supplemental  
 Florida International University's Research Support to the DOE of Environmental Management

\$283,334

**Lagos, Leonel**

Academic Affairs—ARC Applied Research Center

U.S. Army

Increase

Cyber Attack Orchestration Test Bed for Automation and Threat Monitoring in Virtual Environment \$750,000

**Lagos, Leonel**

Academic Affairs—ARC Applied Research Center

Indian River State College

Continuation

FIU Support to RCNET's Renewal Proposal for a National Advanced Technical Education Center \$100,000

**Lagos, Leonel**

Academic Affairs—ARC Applied Research Center

WM Symposia

Initial

WMS 2019 University Pavilion FIU Support \$11,000

**Lothridge, Kevin**

College of Arts, Sciences &amp; Education

SISH

Charlotte-Mecklenburg Police Department

Initial

Charlotte Mecklenburg \$11,042

**Lothridge, Kevin**

College of Arts, Sciences &amp; Education

SISH

Houston Forensic Science Center

Initial

Data Interpretation training \$31,486

**Lothridge, Kevin**

College of Arts, Sciences &amp; Education

SISH

Indian River Crime Laboratory

Initial

Indian River County Crime Laboratory DNA training \$21,185

**Mehrabi, Armin Barzegar**

College of Engineering and Computing

Civil and Environmental Engineering

Florida Department of Transportation

Initial

Epoxy Dowel Pile Splice Evaluation \$299,976

**Murray, Edward P**

Steven J. Green School of International and Public Affairs

Metropolitan Center

Miami Homes for All Inc.

Initial

Affordable Housing Blueprint for Miami-Dade County \$125,000

**Ng, Hooi Hooi**

Herbert Wertheim College of Medicine

Human and Molecular Genetics

American Heart Association

Supplemental

Targeting relaxin receptor for the treatment of diabetes-induced cardiovascular calcification

\$52,216

**Peacock, Robert Patrick**

Steven J. Green School of International and Public Affairs

Criminology and Criminal Justice

Engility

Supplemental

International Criminal Investigative Assistance Program (ICITAP)

\$48,000

**Prospect, Sean Antonio**

College of Arts, Sciences &amp; Education

Community Engagement

Florida Department of Education

Initial

Project PAW (FIU After School All Stars) 2018-2019

\$421,052

**Richardson, Jason R**

Robert Stempel College of Public Health and Social Work Dean's Office

Environmental Health Sciences

Initial

Gene-Environment Interactions in Neurodegeneration: Role of Efflux Transporters

\$69,934

**Rishe, Naphtali**

College of Engineering and Computing

Computer Information Sciences

National Science Foundation

Increase

I/UCRC Phase II: Center for Advanced Knowledge Enablement

\$50,000

**Schwartz, Jaclyn Kristine**

Nicole Wertheim College of Nursing and Health Sciences

Occupational Therapy

University of Wisconsin Milwaukee

Initial

Community Participation through Personalized Accessibility Information

\$35,000

**Steadman, Casey P**

Academic Affairs—The Wolfsonian

City of Miami Beach

Initial

FY 18-19 City of Miami Beach Cultural Anchors

\$31,500

**Tsoukias, Nikolaos M**

College of Engineering and Computing

Biomedical Engineering

University of Vermont

Initial

Capillaries as a sensory web that controls cerebral blood flow in health and disease

\$30,000



**Wdowinski, Shimon**

College of Arts, Sciences &amp; Education

Earth and Environment

Florida Office of Insurance Regulation

Pre-Award

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

\$65,000

**Zisis, Ioannis**

College of Engineering and Computing

Civil and Environmental Engineering

National Science Foundation

Initial

Phase I I/UCRC Florida International University: Center for Wind Hazard (WHIP)

\$150,000

## ***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/>.

## Contact ORED Senior Leadership

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