

4-2019

ORED Communicator - April 2019

Office of Research and Economic Development, Florida International University

Follow this and additional works at: https://digitalcommons.fiu.edu/research_newsletter

Recommended Citation

Office of Research and Economic Development, Florida International University, "ORED Communicator - April 2019" (2019). *Office of Research and Economic Development Newsletters*. 67.
https://digitalcommons.fiu.edu/research_newsletter/67

This work is brought to you for free and open access by the Office of Research and Economic Development at FIU Digital Commons. It has been accepted for inclusion in Office of Research and Economic Development Newsletters by an authorized administrator of FIU Digital Commons. For more information, please contact dcc@fiu.edu.

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

April 2019

Awards Received
February 2019
(page 2)

Funding
Opportunities
(page 9)

Contact Us
(page 10)



May

- ⇒ **May 1 and May 2, 9 am to 6 pm, SASC, [8th Annual Florida Forensic Science Symposium](#)**, presented by FIU's [International Forensic Research Institute](#), part of the [Global Forensic and Justice Center](#)

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 & 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 & Education—Physics

Oragenics Inc.

Initial

Computational modeling of lantibiotics interactions with lipid II and membrane

\$30,000

Coles, Erika K

College of Arts, Sciences & 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 & 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 & 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 & 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

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

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

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 & Education

SISH

Charlotte-Mecklenburg Police Department

Initial

Charlotte Mecklenburg \$11,042

Lothridge, Kevin

College of Arts, Sciences & Education

SISH

Houston Forensic Science Center

Initial

Data Interpretation training \$31,486

Lothridge, Kevin

College of Arts, Sciences & 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 & 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, Jaelyn 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

Wdowski, Shimon

College of Arts, Sciences & 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

Name	Title	Email Address
Andrés G. Gil	Vice President for Research & Economic Development	Andres.gil@fiu.edu
Tonja Moore	Associate Vice President, Strategic Planning & Operations	Tonja.moore@fiu.edu
Luis P. Salas	Associate Vice President, International Research, Space Optimization and Compliance	Luis.salas@fiu.edu
Mirtha Alberto	Director, Budget & Cost Analysis	Mirtha.alberto@fiu.edu
Henry Artigues	Director, External Partnerships & Economic Development	Henry.artigues@fiu.edu
David Driesbach	Assistant Vice President, Research Information Systems	David.driesbach1@fiu.edu
Christopher Grayson	Director, Research Integrity	Christopher.grayson@fiu.edu
Emily Gresham	Assistant Vice President, Innovation & Economic Development	Emily.gresham@fiu.edu
Robert Gutierrez	Assistant Vice President, Research Development & Pre-Award	Robert.gutierrez@fiu.edu
Pedro Hernández	Director, Technology Management & Commercialization	Pedro.hernandez7@fiu.edu
Regnier Jurado	Director, Research Management Solutions	Regnier.jurado@fiu.edu
Donna Kiley	Director, Post-Award	Donna.kiley@fiu.edu
Lidia Kos	Associate Vice President for Research, Associate Dean— University Graduate School	Lidia.kos@fiu.edu
Maureen Pelham	Director, Research Development Director, Postdoctoral Scholar Services	Maureen.pelham@fiu.edu
Horatiu Vinerean	Director, Laboratory Animal Research ; Attending Veterinarian	Horatiu.vinerean@fiu.edu
Susan Webster	Assistant Vice President for Research, Assistant Dean— University Graduate School	Susan.webster@fiu.edu



OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT
 11200 SW 8th Street—call 305-348-2494 for specific personnel's location
 Miami, FL 33199
<http://research.fiu.edu>