

Upcoming Events

September

- ⇒ September 6, 8 to 10 am, FIU in DC #860, [*Beyond Startups: How do we nurture and scale-up small local businesses?*](#)
- ⇒ September 6, 8 am to 4 pm, FIU @ I-75, [*Grant Writing-101: Basic Elements of Grant Writing*](#), presented by [Catherine Raymond](#) (registration costs vary)
- ⇒ September 7, 8 am to 1 pm, MARC Pavilion, [*FIU-RCMI Research Conference 2018: Promoting Health and Eliminating Health Disparities in Partnership with Hispanic and Latino Communities*](#), free but [registration is required](#)
- ⇒ September 14, 10 am to 12 noon, WC 130, [*FIU-RCMI Specific Aims Workshops*](#), presented by [Wasim Maziak](#), please [RSVP](#) to mward@fiu.edu
- ⇒ September 17 and 18, 8:30 am to 6 pm, MARC Pavilion, [*2018 Water and Environment Security Conference*](#)—free but registration is required
- ⇒ September 20, 6 to 8 pm, Paul Cejas School of Architecture, [*Robotics and Digital Fabrication Laboratory Inauguration*](#)—free but registration is required
- ⇒ September 21, 9 to 10 am, EC 2300, [*Temporal Pattern of Brain Stimulation as a New Dimension of Therapeutic Innovation*](#), presented by [Warren M. Grill](#)
- ⇒ September 28, 9 to 10 am, EC 2300, [*From Red Cells to Skiing, to a Jet Train that Travels at 700 km/hr. on a Giant Ski*](#), presented by [Sheldon Weinbaum](#)

October

- ⇒ October 3, 12 to 1 pm, AHC1 #110, [*Helping your Child Handle Anxiety in School*](#), presented by the Center for Children and Families
- ⇒ October 5, 9 to 10 am, EC 2300, [*Enabling New Discoveries and Technologies by Combining Synthetic Biology with Biomedical Systems*](#), presented by [Warren Ruder](#)
- ⇒ October 12, 12:30 to 1:30 pm, WC 130, [*K-Award Panel*](#), presented by [FIU RCMI](#)
- ⇒ October 19, 9 to 10 am, TBD, [*Discovering the Physiological Optics of the Lens in Middle Earth*](#), presented by [Bianca Maceo Heilman](#)
- ⇒ October 23 and 30, 9 am to 4 pm, FIU @ I-75, [*Grant Writing 102: Certification Program*](#), presented by [Catherine Raymond](#) (registration costs vary)
- ⇒ October 26, 9 to 10 am, EC 2300, [*Clinical Translation of Imaging Systems and Contrast Agents for Image-Guided Surgery*](#), presented by [John Frangioni](#)

November

- ⇒ November 7, 12 to 1 pm, AHC1 #110, [*A Guide to your Child's Developmental Milestones*](#), presented by the Center for Children and Families
- ⇒ November 14, 12 to 1 pm, AHC1 #110, [*How to Manage Holiday Gatherings with as little stress as Possible*](#), presented by the Center for Children and Families
- ⇒ November 16, 2018, 9 to 10 am, EC 2300, [*Endothelial-Interstitial Interactions During Aortic Valve Homeostasis and Calcific Degeneration*](#), presented by [Jonathan Butcher](#)
- ⇒ November 30, 12:30 to 1:30 pm, AHC5 #300, [*Participant Recruitment Strategies*](#), presented by [FIU RCMI](#)

September 2018

**Awards Received
July 2018
(page 2)**

**Funding
Opportunities
(page 8)**

**Contact Us
(page 9)**

**HAPPY
LABOR
★DAY★**

Awards Received—July 2018

FIU researchers were awarded \$6,397,096 in July 2018. Below is a listing of awards received.

Almirall, Jose

College of Arts, Sciences & Education
International Forensic Research Institute
National Science Foundation
Increase
NSF - Supplement Dr. Almirall

\$21,700

Almirall, Jose

College of Arts, Sciences & Education
International Forensic Research Institute
National Science Foundation
Increase
NSF - Supplement Dr. Almirall

\$16,000

Bagner, Daniel

College of Arts, Sciences & Education
Center for Children and Families
Child Health and Human Development
Continuation
Internet Treatment for Behavior Problems in Preschoolers with Developmental Delay

\$512,702

Barratt, Diana M

Herbert Wertheim College of Medicine
Neuroscience
American Academy of Neurology
Initial
Disclosure of medical errors and adverse events in stroke patients

\$10,000

Bastida, Elena Maria

Robert Stempel College of Public Health and Social Work
CRUSADA
University of Miami
Initial
Yr2 -CLaRO's Community Engagement and Dissemination Core

\$127,876

Bhansali, Shekhar

College of Engineering and Computing
Electrical & Computer Engineering
National Science Foundation
Initial
LSAMP BD: Florida International University FGLSAMP

\$19,000

Bhansali, Shekhar

College of Engineering and Computing
Electrical & Computer Engineering
National Science Foundation
Initial
Participant Payments

\$1,056,000

Bhansali, Shekhar

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

PFI-TT: A Low-Cost Cortisol Sensor for Real-Time Stress Monitoring \$199,967

Bhat, Mahadev

College of Arts, Sciences & Education
 Earth and Environment
 National Institute of Food & Agriculture
 Continuation

Innovative Curriculum for Agriculture Training and Career for Hispanics (iCATCH) \$500,000

Boswell, Kevin

College of Arts, Sciences & Education
 Institute of Water and Environment
 Bonefish & Tarpon Unlimited
 Initial

Depredation mortality associated with catch-and-release angling \$40,000

Brewster, Cheryl D

Herbert Wertheim College of Medicine Student Affairs
 U.S. Department of Health & Human Services
 Continuation

Florida Science Training and Research (STAR) Fellowship \$363,583

Briceno, Henry

College of Arts, Sciences & Education
 Southeast Environmental Research Center
 Pennsylvania State University
 Increase

Response of carbon cycling to climatic and anthropogenic perturbations \$67,585

Burgman, Robert Joseph

College of Arts, Sciences & Education
 Southeast Environmental Research Center
 National Oceanic and Atmospheric Administration
 Initial

Sensitivity of NMME Seasonal Predictions to Ocean Eddy Resolving Coupled Models \$19,158

Cevallos, Fabian

College of Engineering and Computing
 Civil and Environ Engineering
 City of Doral
 Increase

Doral Trolley Schedules Update \$2,683

De La Rosa, Mario R

Robert Stempel College of Public Health and Social Work
 CRUSADA
 University of Miami
 Initial

Yr2 - Center for Latino Health Research Opportunities – ClaRO \$116,759

De La Rosa, Mario R

Robert Stempel College of Public Health and Social Work
 CRUSADA
 University of Miami
 Initial
 Yr2 -CLaRO's Investigator Development Core

\$10,817

Devieux, Jessy

Robert Stempel College of Public Health and Social Work
 Health Promotion & Disease Prevention
 University of Florida
 Pre-Award
 Effects of experimentally induced reductions in alcohol consumption on brain

\$33,138

Evans, Jacqueline R

College of Arts, Sciences & Education—Psychology
 National Science Foundation
 Initial
 Doctoral Dissertation Research: Assessing the Strategic Use of Evidence

\$29,300

Gan Chowdhury, Arindam

College of Engineering and Computing
 Civil and Environmental Engineering
 National Science Foundation
 Initial
 Collaborative Research: A New Methodology Supported by Full Scale Calibration

\$217,747

Hart, Katie

College of Arts, Sciences & Education
 Center for Children and Families
 Children's Trust
 Pre-Award
 Reading Explorers Program

\$176,434

Hollander, Gail M

Steven J. Green School of International and Public Affairs
 Global and Sociocultural Studies
 National Science Foundation
 Initial
 Race, Space, and Botanical Imperialism

\$115,878

Hutcheson, Joshua

College of Engineering and Computing
 Biomedical Engineering
 American Heart Association
 Increase
 Tracing the Therapeutic Efficacy of Bisphosphonates in Bone and Vascular Mineralization

\$77,000

Ibanez, Gladys E

Robert Stempel College of Public Health and Social Work
 Epidemiology
 University of Florida
 Continuation
 Health outcomes and cognitive effects of marijuana use among persons living with HIV/AIDS

\$142,326

Jayachandran, Krishnaswamy

College of Arts, Sciences & Education

Earth and Environment

National Institute of Food & Agriculture

Continuation

Graduate Education in Agroecology and Natural Resource Sciences

\$250,000

Jiang, Haiyan

College of Arts, Sciences & Education

Earth and Environment

National Oceanic and Atmospheric Admin

Increase

Estimation of Tropical Cyclone Intensity Using Satellite Passive Microwave Observations

\$100,174

Kominoski, John

College of Arts, Sciences & Education

Southeast Environmental Research Center

National Park Service

Initial

Quantifying how variability in hydroperiod and fire mediate plant-soil biogeochemical

\$128,950

Laird, Angela Marie Richmond

College of Arts, Sciences & Education

Physics

National Institute on Drug Abuse

Increase

Adolescent Brain Cognitive Development (ABCD): FIU

\$491,556

Li, Habin

College of Arts, Sciences & Education—Physics

National Science Foundation

Increase

Many-Body Dipole-Dipole Interactions in Atomic Ensembles

\$120,221

Lin, Chengxian

College of Engineering and Computing

Mechanical and Materials Engineering

Alfa Laval Inc.

Initial

Computational fluid dynamics (CFD) analysis of industrial heat exchangers

\$2,500

Lothridge, Kevin

Academic Affairs

National Forensic Science Technology Center

Spectral Engines

Initial

Heroin samples preparation and measurement

\$31,419

Madhivanan, Purnima

Robert Stempel College of Public Health and Social Work

Epidemiology

Social & Scientific Systems Inc.

Initial

Clinical study of a single-use, point-of-care molecular diagnostic device for the detection

\$198,439

Miguez, Maria Jose

College of Arts, Sciences & Education—SISH

Brown University

Pre-Award

Alcohol and HIV: Bio-behavioral Interactions and Intervention- Year 4

\$13,375

Mills, De Etta kay

College of Arts, Sciences & Education

International Forensic Research Institute

National Science Foundation

Increase

NSF - Supplement Dr. Mills

\$10,000

Ortega, Francisco Javier

College of Arts, Sciences & Education

Biology

Montgomery Botanical Center

Increase

Phylogeography and Conservation Genetics of the Caribbean Zamia Clade

\$28,072

O'Shea, Kevin

College of Arts, Sciences & Education

Chemistry

National Science Foundation

Initial

Collaborative Research: Cyclodextrin-Based 2D Materials for the Treatment of

\$149,852

Prospect, Sean Antonio

College of Arts, Sciences & Education

School of Education

After-School All Stars

Continuation

Project SUPPORT (FIU After-School All-Stars) 2015-2016

\$12,668

Rehage, Jennifer

College of Arts, Sciences & Education

Southeast Environmental Research Center

South Florida Water Management District

Initial

Role of coastal lakes as fish habitat for recreational fisheries

\$85,000

Rojas, Patria

Robert Stempel College of Public Health and Social Work

CRUSADA

University of Miami

Initial

Yr2 -HoMBRES en Familia (Hispanic Men Building Respect, Education...

\$288,909

Russell, Valerie

College of Arts, Sciences & Education

Leadership and Prof Stu

U.S. Department of Education

Increase

Subproject to 800005813: Student Support No F&A

\$114

Spiegelhalter, Thomas

College of Communication, Architecture + The Arts
 Architecture
 National Science Foundation
 Initial

Sustainable Urbanization Global Initiative, Food-Water-Energy Nexus \$3,663

Tremante, Andres

College of Engineering and Computing
 Center for Diversity and Success
 University of Texas at Austin
 Initial

Collaborative Research: Engineering Identity, its Predictors, and its Impact on \$7,000

Troxler, Tiffany Grace

College of Arts, Sciences & Education
 Sea Level Solutions Center
 Everglades Foundation
 Initial

Peat vulnerability assessments and with sea level rise \$30,000

Vieira, Edgar Ramos

Nicole Wertheim College of Nursing and Health Sciences
 Physical Therapy
 Urban Health Solutions
 Initial

Miami-Dade Age-Friendly Mini Grant \$2,500

Volakis, John

College of Engineering and Computing
 Electrical & Computer Engineering
 Ohio State University
 Continuation

Ultra-Wideband and Secure Multiuser Communication System with Reduced Hardware \$116,500

Wagner, Eric

Academic Affairs—Community-Based Research Institute
 Minority Health and Health Disparities
 Increase

Examining the syndemic of drug use and HIV among Latino MSM \$73,250

Wen, Wujie

College of Engineering and Computing
 Electrical & Computer Engineering
 National Science Foundation
 Initial

EAGER: Invisible Shield: Can Compression Harden Deep Neural Networks \$250,000

Willoughby, Hugh E

College of Arts, Sciences & Education
 Earth and Environment
 National Science Foundation
 Increase

Mechanisms for Hurricane Motion and Intensity Change \$127,281

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/>.

Upcoming deadlines include:

AGENCY	PROGRAM	INSTITUTIONAL SUBMISSION LIMITS	INTERNAL DEADLINE	AGENCY DEADLINE
Blavatnik Family Foundation	Blavatnik Awards for Young Scientists	Only three: one in each disciplinary category of Life Sciences, Physical Sciences & Engineering, or Chemistry	9/4/18 Please specify Disciplinary Category	Nomination Window: 9/26/2018 through 11/15/2018
Oak Ridge Associated Universities (ORAU)	ORAU Travel Grants	Only two proposals per fiscal year. Contact Maureen Pelham (mpelham@fiu.edu) for additional information before applying.	Open	Prelim deadline: Open Agency Deadline: 9/30
National Film and Video Foundation	National Film and Video Foundation Fund (Marketing and Distribution)	Only one application per organization	Open	The NFVF will receive proposals for film funding throughout the year.
National Film and Video Foundation	National Film and Video Foundation Fund (Production Funding)	Only one application per organization	Open	The NFVF will receive proposals for film funding throughout the year.
National Film and Video Foundation	National Film and Video Foundation Fund (Development Funding)	Only one application per organization	Open	The NFVF will receive proposals for film funding throughout the year.
National Film and Video Foundation	National Film and Video Foundation Fund (Education and Training)	Only one application per organization	Open	The NFVF will receive proposals for film funding throughout the year.

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—MARC 430
 Miami, FL 33199
<http://research.fiu.edu>