

9-1-2017

## ORED Communicator - September 2017

Office of Research and Economic Development, Florida International University

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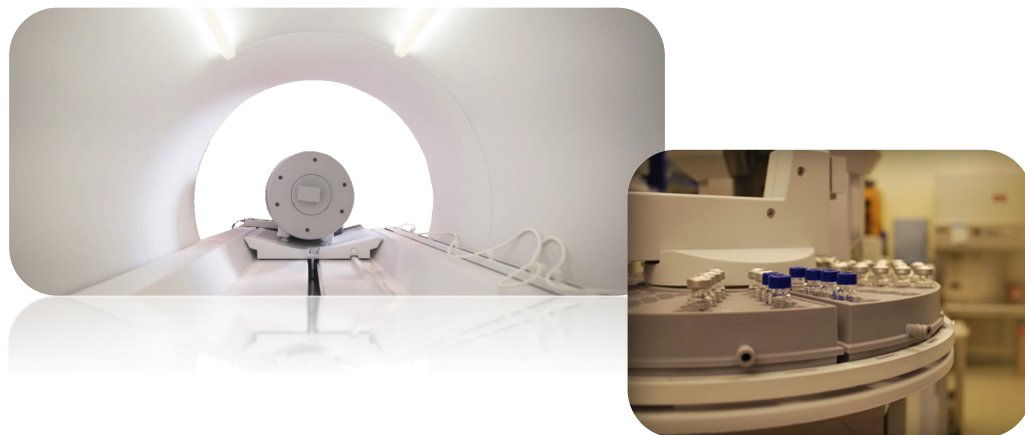
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## The scoop on FIU's Research Facilities and Recharge Centers

Did you know that FIU has a [Center for Imaging Sciences](#) and a state-of-the-art [Forensic and Analytical Toxicology Facility](#)? In fact, FIU offers many advanced and unique shared research facilities and recharge centers that provide access to high-end instruments, cutting-edge technologies and services.

To make this information more readily available, the Office of Research and Economic Development (ORED) completed an initiative over the summer to organize and present key information about all of FIU's research facilities and recharge centers on the FIU Research website in a streamlined fashion. The new research facilities page is at <http://research.fiu.edu/facilities>.

Here you will find a listing of all research facilities, key services and rates, with links to the facilities as well as key contact information. If you have any questions regarding FIU's recharge centers and/or core facilities, please e-mail [recharge.centers@fiu.edu](mailto:recharge.centers@fiu.edu) at ORED's Office of Budget & Cost Analysis.



## The University Graduate School's web makeover

An integral component of ORED, the University Graduate School (UGS) and our graduate students are key contributors to the University's research reputation and to FIU's intellectual and creative environment.

This summer we also upgraded UGS' web presence to spotlight our services and provide pertinent information to our graduate community. In addition to a refreshed and more intuitive structure, new features and content include access to recently published electronic theses and dissertations from FIU graduate students as well as news stories geared towards graduate students.

The University Graduate School website is <http://gradschool.fiu.edu> and is located in MARC 240. Please take a moment to check out the new site and send any feedback to [ugs@fiu.edu](mailto:ugs@fiu.edu).

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## Upcoming Events

### September

- **September 1, 3 to 4:15 pm, WC 130, Earth and Environment Seminar—[Patterns and Behaviors of Amazonian Rivers](#)**, presented by [Jorge Abad](#)
- **September 11, 3:30 to 5 pm, AHC4 #402, [Faculty Mentor Program Orientation](#)**
- **September 12, 3:30 to 5 pm, GL #482, [Faculty Mentor Program Orientation](#)**
- **September 13, 12 to 1 pm, AHC1, #110, [Tips of Managing Back to School Anxiety and Test-taking](#)**, presented by Yasmin Rey and Deepika Bose
- **September 13, 3:30 to 5 pm, AHC4 #402, [Faculty Mentor Program Orientation](#)**
- **September 14, 3:30 to 5 pm, AHC4 #402, [Faculty Mentor Program Orientation](#)**
- **September 15, 3:30 to 4:30 pm, AHC4 #402, [The Yin and Yang of Osteopontin Splicing Isoforms in Cancer](#)**, presented by [Etel Gimba](#)
- **September 26-27, SIPA Auditorium, [Department of Defense Workshop—Bringing the Pentagon to the People](#), [registration is free but required](#)**. This 1.5-day workforce development event aims to expose minority serving institutions, their faculty, staff and students to research, business, career and internship opportunities with DOD.

### October

- **October 10, 8 am to 5 pm, TBD, [Geopolitical Summit: Islam and Muslims Today](#)**, presented by [Reza Aslan](#)
- **October 11, 12 to 1 pm, [Citrus Health Network](#), [Beyond Brick and Mortar: Leveraging Remote Technologies to Extend the Reach and Scope of Children's Mental Health Care](#)**, presented by [Jonathan Comer](#)
- **October 19, 12 to 1 pm, AHC4 #101, [Women in Politics](#)**, presented by [Katy Sorenson](#)

### November

- **November 8, 12 to 1 pm, AHC 1 #110, [How to support your teen in making good decisions about alcohol and other drugs](#)**, presented by [Nicole Schatz](#)
- **November 8, 3 to 3:50 pm, SIPA 220, [lecture](#) by [Carlos A. Torres-Ramos](#)**
- **November 17, 1:30 to 2:30 pm, GL 100A, [seminar](#) by [Peter Lu](#)**

### December

- **December 1, 11 am to 12 noon, AHC3 #205, [seminar](#) by [Susan Wallace](#)**
- **December 13, 12 to 1 pm, [Citrus Health Network](#), [Recent studies in dosing and sequencing pharmacological and behavioral treatments for ADHD: When They Go High, We Go Low](#)**, presented by [William Pelham](#)

## Awards Received—July 2017

FIU researchers were awarded \$2,190,593 in July 2017. Below is a listing of awards received.

### Almirall, Jose R

College of Arts, Sciences & Education  
Research Triangle Institute Int.

Initial

Evaluation of gunshot residue (GSR) analysis using CMV-GC-MS and LIBS \$70,811

### Almirall, Jose R

College of Arts, Sciences & Education  
National Science Foundation

Initial

Center for Advanced Research in Forensic Science (CARFS), Phase I IUCRC Site at FIU \$150,000

**Bai, Ou**

College of Engineering and Computing  
National Science Foundation

Initial

I-Corps: Automatic Tuning for Prosthesis Based on Physiological Feedback \$50,000

**Briceno, Henry**

College of Arts, Sciences & Education  
Pennsylvania State University

Initial

Response of carbon cycling to climatic and anthropogenic perturbations \$12,936

**Cheng, Michael**

Chaplin School of Hospitality and Tourism Management  
U.S. Department of Agriculture

Initial

2017 Cochran Fellowship Program on Supermarket Management \$22,800

**Eddy, Sarah L**

College of Arts, Sciences & Education  
National Science Foundation

Initial

Collaborative Research: "Taking the long view: Investigating the role of \$200,822

**Espinal Tejada, Carlos Arturo**

Robert Stempel College of Public Health & Social Work  
Sanofi

Initial

Geospatial Data and Outreach Facilitation Systems for Vaccination \$114,706

**Fernandez Lima, Francisco Alberto**

College of Arts, Sciences & Education  
National Science Foundation

Increase

CAREER: Development of gas-phase, post-ionization structural tools \$230,000

**Foerch, Daniela Fenu**

College of Arts, Sciences & Education  
Children's Trust

Initial

The Ruler Approach in VPK Classrooms: An Investigation of the Effects \$111,000

**Gann, Daniel**

Academic Affairs - GIS Center and Digital Collection  
National Park Service

Initial

Detecting Vegetation Change along ENP Boundary Areas \$93,382

**Garber, David**

College of Engineering and Computing  
Florida Department of Transportation

Increase

Florida Slab Beam Bridge with Ultra-High Performance Concrete Joint Connections \$64,691

**Gracia Jones, Sandra A**

Nicole Wertheim College of Nursing and Health Sciences  
Substance Abuse & Mental Health Services  
Continuation

Partnerships with Community-Based Organizations (CBOs) MSI/CBO \$300,000

**Khizroev, Sakhrat**

College of Engineering and Computing  
Neuroscience Centers of Florida Foundation  
Increase

High specificity targeting with magnetoelectric nanoparticles to treat Glioblastomas \$32,000

**Li, Hebin**

College of Arts, Sciences & Education  
National Science Foundation  
Initial

Many-Body Dipole-Dipole Interactions in Atomic Ensembles \$121,569

**Martinez, Iveris Luz**

Herbert Wertheim College of Medicine  
National Institutes of Health  
Initial

The Experience of Alzheimer's in a Hispanic Community: Cultural \$74,746

**Meldrum, Ryan Charles**

Steven J. Green School of International & Public Affairs  
Florida Department of Juvenile Justice  
Increase

Florida Department of Juvenile Justice Disposition Matrix Evaluation \$10,499

**Montas-Hunter, Sonja S**

Academic Affairs - Student Access & Success  
Florida Department of Agriculture and Co  
Continuation

Summer Food Summer Program: food services for low income and first generation \$4,510

**Montas-Hunter, Sonja S**

Academic Affairs - Student Access & Success  
Florida Department of Education  
Initial

2017-2018 South Florida CROP Consortium \$79,175

**Montas-Hunter, Sonja S**

Academic Affairs - Student Access & Success  
Florida Department of Agriculture and Co  
Continuation

Summer Food Summer Program: food services for low income and first generation \$4,459

**Montas-Hunter, Sonja S**

Academic Affairs - Student Access & Success  
Florida Department of Agriculture and Co  
Increase

CROP Summer Food Summer Program food services for low income and first generation \$2,324

**Noriega, Fernando**

College of Arts, Sciences & Education  
National Institutes of Health

Increase

Regulation of juvenile hormone titers in mosquitoes \$10

**Pelham Jr, William E**

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

Increase

Examining Tolerance to CNS Stimulants in ADHD \$65,250

**Ramaswamy, Sharan Doraiswamyier**

College of Engineering and Computing  
American Heart Association

Increase

Bioscaffold mitral valve replacement permitting somatic growth and remodeling \$77,000

**Rodriguez-Lanetty, Mauricio**

College of Arts, Sciences & Education  
National Science Foundation

Increase

CAREER: Exploring Immunological Priming in a Basal Metazoan (Anthozoan) \$20,000

**Steadman, Casey P**

Academic Affairs - The Wolfsonian  
Florida Division of Cultural Affairs

Initial

2017-2018 FL DCA General Support \$47,368

**Troxler, Tiffany**

College of Arts, Sciences & Education  
City of Coral Gables

Initial

City of Coral Gables Tidal Gauge Study \$39,859

**Uluagac, Arif Selcuk**

College of Engineering and Computing  
University of South Florida

Initial

FC2 Capacity Building Program FY2016-2017 \$82,174

**Unwalla, Hoshang Jehangir**

Herbert Wertheim College of Medicine  
Flight Attendant Medical Research Institute

Increase

Gene Silencing in Chronic Bronchitis and COPD \$108,500

## *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, <a href="#">Strategic Planning &amp; Operations</a>	Tonja.moore@fiu.edu
Luis P. Salas	Associate Vice President, <a href="#">International Research, Space Optimization and Compliance</a>	Luis.salas@fiu.edu
Mirtha Alberto	Director, <a href="#">Budget &amp; Cost Analysis</a>	Mirtha.alberto@fiu.edu
Henry Artigues	Director, <a href="#">External Partnerships &amp; Economic Development</a>	Henry.artigues@fiu.edu
David Driesbach	Assistant Vice President, <a href="#">Research Information Systems</a>	David.driesbach1@fiu.edu
Christopher Grayson	Director, <a href="#">Research Integrity</a>	Christopher.grayson@fiu.edu
Emily Gresham	Assistant Vice President, <a href="#">Innovation &amp; Economic Development</a>	Emily.gresham@fiu.edu
Robert Gutierrez	Assistant Vice President, <a href="#">Research Development &amp; Pre-Award</a>	Robert.gutierrez@fiu.edu
Pedro Hernández	Director, <a href="#">Technology Management &amp; Commercialization</a>	Pedro.hernandez7@fiu.edu
Regnier Jurado	Director, <a href="#">Research Management Solutions</a>	Regnier.jurado@fiu.edu
Maureen Pelham	Director, <a href="#">Research Development</a>	Maureen.pelham@fiu.edu
Aida Reus	Director, <a href="#">Post-Award</a>	Aida.reus@fiu.edu
Horatiu Vinerean	Director, <a href="#">Laboratory Animal Research</a> ; Attending Veterinarian	Horatiu.vinerean@fiu.edu
Susan Webster	Director, <a href="#">Training &amp; International Research Initiatives</a>	Susan.webster@fiu.edu



OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT  
 11200 SW 8<sup>th</sup> Street—MARC 430  
 Miami, FL 33199  
<http://research.fiu.edu>