

10-2016

ORED Communicator - October 2016

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 - October 2016" (2016).
Office of Research and Economic Development Newsletters. 39.
https://digitalcommons.fiu.edu/research_newsletter/39

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

October 2016

October 3 to October 5, 8 am to 5 pm, DoubleTree Orlando Airport, [*4th International Conference on HIV/AIDS, STDs and STIs*](#), registration required

October 3, 2 to 4 pm, AHC4 #402, IRB Part 2 (*Managing your Approved Study*), kindly contact Elvia (Eva) Molina at molinae@fiu.edu to register

October 4, 12 to 1:30 pm, Faculty Club, Faculty Mentor Program Lunch

October 5, 10 am to 12 noon, AHC4 #402, IRB Ethics (*fulfills RCR Continuing Education hours*), kindly contact Elvia (Eva) Molina at molinae@fiu.edu to register

October 6, 6 to 8 pm, MARC Pavilion, [*StartUP FIU Speaker Series—Intellectual Property*](#); the event is free but requires [registration](#)

October 7, 2 to 3 pm, ECS 241, [*Intelligent Video Systems*](#), presented by [Bir Banu](#)

October 11, AHC3 #101, “TSPO: A Molecular Biomarker of Neuroinflammation and Neurodegeneration in Preclinical and Clinical Studies, presented by [Tomas R. Guilarte](#), please [RSVP](#) by 10/12

October 20, to 8 pm, MARC Pavilion, [*StartUP FIU Speaker Series—The Foundation of Entrepreneurship*](#); the event is free but requires [registration](#)

October 24, 3 to 4 pm, WC-130, *Specificity of specialized damage-bypass DNA polymerases for different types of DNA damage,* presented by [Penny Beuning](#)

October 25, 10 am to 12 noon, MARC Pavilion, ORED’s Quarterly Research Administration meeting where ORED staff will discuss various key research administration topics and updates. All University research administrators are strongly encouraged to attend.

October 28, 1:30 to 2:30 pm, TBA, Cell Mechanics in 3D, presented by [Robert Ross](#)

November 2016

November 2, 3 to 4:30 pm, AHC4 #402, IACUC Ethics (*fulfills RCR Continuing Education hours*), kindly contact Elvia (Eva) Molina at molinae@fiu.edu to register

November 4, 10 am to 12 noon, AHC4 #402, Informed Consent (*fulfills RCR Continuing Education hours*), kindly contact Elvia (Eva) Molina at molinae@fiu.edu to register

November 4, 2 to 3 pm, ECS 241, [*SmartGeo: Toward the Development of Intelligent Geosystems*](#), presented by [Tracy Camp](#)

November 8, 12 to 1 pm, AHC 3 #101, Bayesian Big Data Analytics in Biomedical Research: Understanding Gene-Gene and Gene-Environment Interactions in Brain Tumor, presented by [Changwon Yoo](#), please [RSVP](#) by 11/7

November 9, 3 to 4:30 pm, AHC4 #402, Biosafety Protection and Research with rDNA/SNA (IBC)—fulfills RCR Continuing Education hours—kindly contact Elvia (Eva) Molina at molinae@fiu.edu to register

October 2016

Upcoming Events
(cover)

Awards Received
in August 2016
(page 2)

Funding
Opportunities
(11)

Contact Us
(page 12)

Awards Received—August 2016

FIU researchers were awarded \$ \$14,680,873 in August 2016. Below is a listing of awards received.

Agoulnik, Irina

Community Foundation of Broward

College of Medicine

Initial

Investigation of a Novel Treatment for Advanced Prostate Cancer \$42,483

Ali, Hesham A

Florida Department of Transportation

College of Engineering and Computing

Initial

Express Lane Marker Color Human Factors Study on Concrete \$503,333

Almirall, Jose R

Research Triangle Institute Int.

College of Arts, Sciences & Education

Initial

Method Development and Validation of Capillary Microextraction \$30,000

Amick III, Benjamin C

Univ of Texas Health Science Ctr Houston

College of Public Health Social Work

Increase

Service Agreement - New Year New You \$16,224

Bai, Ou

National Science Foundation

College of Engineering and Computing

Supplemental

CPS: Synergy: Sensor Network-based Lower-Limb Prosthetic Optimization \$16,000

Boswell, Kevin

University of Miami

College of Arts, Sciences & Education

Initial

Examining the status and distribution of reef fish spawning aggregations \$108,352

Boukerrou, Lakhdar

US Agency for International Development

College of Arts, Sciences & Education

Increase

West Africa Water Supply \$2,000,000

Boukerrou, Lakhdar

United States Embassy in Ouagadougou

College of Arts, Sciences & Education

Increase

USAID WA-WASH Environmental Security Workshop \$12,500

Brewster, Cheryl D

U.S. Department of Health & Human Services
College of Medicine
Increase

Florida Science Training and Research (STAR) Fellowship \$493,377

Burke, Shanna L

Dan Marino Foundation
College of Public Health Social Work
Initial

The effectiveness of Virtual Interactive Training Agents (ViTA) \$130,479

Cheng, Michael

American Sugar Refining Inc
Hospitality and Tourism Management
Initial

Dried Fondant as a Texturizing Agent \$24,795

Cirion, Yisell

Peace Corps
Academic Affairs - Other Units
Continuation

Peace Corps Strategic Recruiter \$20,722

Coles, Erika K

Nova Southeastern University
College of Arts, Sciences & Education
Initial

Behavioral Assessment Team \$6,600

Cramer, Elizabeth

U.S. Department of Education
College of Arts, Sciences & Education
Increase

Project OPERATE 2015-2020 \$81,250

Cramer, Elizabeth

U.S. Department of Education
College of Arts, Sciences & Education
Increase

Project OPERATE 2015-2020 \$168,750

Cramer, Elizabeth

U.S. Department of Education
College of Arts, Sciences & Education
Increase

Project PREPARE: Preparing Rigorous and Effective Professionals as Autism \$72,870

Dulikravich, George S

National Science Foundation
College of Engineering and Computing
Initial

EAGER: Multi-Scale Analysis of Cooling Protocols for Human Hearts \$100,000

Finlayson, Mark Alan

University of California Los Angeles
College of Engineering and Computing
Continuation

Narratives in the Informational Patient Society and their Association with Health \$50,000

Fonseca, Brian

CACI International Inc
Steven J. Green School of International & Public Affairs
Supplemental
CERDEC Flight Activity (CFA) System Engineering Support

\$100,000

Frazier, Stacy Lynn

National Institutes of Health
College of Arts, Sciences & Education
Initial

Self-Concept Intervention for Urban High School Students \$37,176

Gaiser, Evelyn

U.S. Army Corps of Engineers
College of Arts, Sciences & Education
Initial

Aquatic Fauna and Periphyton Production Data Collection \$258,631

Gan Chowdhury, Arindam

Ohio State University
College of Engineering and Computing
Initial

Multi-Dimensional Hurricane Fragility Models for Risk Assessment \$199,807

Gan Chowdhury, Arindam

National Science Foundation
College of Engineering and Computing
Increase
NHERI Experimental Facility 2015-2019

\$21,140

Gan Chowdhury, Arindam

National Science Foundation
College of Engineering and Computing
Increase
NHERI Experimental Facility 2015-2019

\$754,860

Gan, Cheng-Tin

University of Florida
College of Engineering and Computing
Initial

STRIDE Transportation Research Internship Program (TRIP)-Fernando Dehbura \$4,367

Gracia Jones, Sandra A

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

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

Greer, Pedro Jose Milbank Memorial Fund College of Medicine Initial Beyond Flexner 2016 Conference	\$25,000
Hadi, Mohammed A University of Florida College of Engineering and Computing Supplemental Signal Timing Optimization with Consideration of Environmental and Safety Impacts	\$35,000
Hart, Katie Children's Trust College of Arts, Sciences & Education Initial Reading Explorers Program	\$416,679
Ibrahim Mohamed, Ahmed Salah National Science Foundation College of Engineering and Computing Supplemental NeTs: Small: Collaborative Research:	\$24,118
Jin, Xia CTS Engineering Inc. College of Engineering and Computing Initial Transportation Statistics Support - FDOT D4	\$64,501
Kavallieratos, Konstantinos Savannah River Nuclear Solutions LLC College of Arts, Sciences & Education Initial Development of an Alternative Solvent Extraction Technology	\$78,086
Kavallieratos, Konstantinos U.S. Nuclear Regulatory Commission College of Arts, Sciences & Education Initial FIU Nuclear Fellowship Program: Supporting the new FIU Radiochemistry Ph.D. track	\$113,302
Kavallieratos, Konstantinos U.S. Nuclear Regulatory Commission College of Arts, Sciences & Education Initial FIU Nuclear Fellowship Program: Supporting the new FIU Radiochem Ph.D. track	\$286,612
Khizroev, Sakhrat Neuroscience Centers of Florida Foundation College of Engineering and Computing Initial Treating Parkinson's, Alzheimer's and other neurodegenerative diseases	\$20,000

Lagos, Leonel

Office of Environmental Management
 Academic Affairs - Other Units
 Continuation
 FIU's Research Support to DOE OEM

\$26,576

Lagos, Leonel

Office of Environmental Management
 Academic Affairs - Other Units
 Continuation
 FIU's Research Support to DOE OEM

\$47,182

Lagos, Leonel

Office of Environmental Management
 Academic Affairs - Other Units
 Continuation
 FIU's Research Support to DOE OEM

\$76,243

Laird, Angela Marie Richmond

National Institute on Drug Abuse
 College of Arts, Sciences & Education
 Increase

FIU-ABCD: Pathways and Mechanisms to Addiction in the Latino Youth

\$840,341

Laird, Angela Marie Richmond

National Science Foundation
 College of Arts, Sciences & Education
 Initial

NCS-FO: Integrative knowledge modeling in cognitive neuroimaging

\$727,731

Liu, Yuan

Community Foundation of Broward
 College of Arts, Sciences & Education
 Initial

Investigation of a Novel Treatment for Advanced Prostate Cancer

\$15,875

Maziak, Wasim

National Institute on Drug Abuse
 College of Public Health Social Work
 Initial

Understanding tobacco flavor effects on waterpipe smokers' experiences and exposures

\$420,898

Miguez Perez, Maria Jose

National Institutes of Health
 College of Arts, Sciences & Education
 Continuation

Role of BNDF on Risk Behavior Decision Making

\$217,468

Mohammed, Osama A

University of Arkansas
 College of Engineering and Computing
 Pre-Award

An Interdisciplinary Approach to Integratable, Composable

\$120,795

Montas-Hunter, Sonja S

Florida Department of Agriculture and Co

Academic Affairs - Other Units

Increase

Summer Food Service Program (ETS, EV3, UBMS) 2014-2018

\$59,523

Montas-Hunter, Sonja S

Florida Department of Education

Academic Affairs - Other Units

Initial

EV3 Robotics 2016-2017 21st Century Community Learning Centers

\$68,715

Montas-Hunter, Sonja S

Florida Department of Education

Academic Affairs - Other Units

Initial

FIU CROP 2016-2017 South Florida Consortium

\$13,830

Montas-Hunter, Sonja S

Florida Education Fund

Academic Affairs - Other Units

Initial

2016-2017 COE South Florida Center of Excellence at FIU

\$5,200

Montas-Hunter, Sonja S

U.S. Department of Education

Academic Affairs - Other Units

Initial

Educational Talent Search Program 2016-2021

\$48,000

Montas-Hunter, Sonja S

Florida Department of Agriculture and Co

Academic Affairs - Other Units

Increase

CROP Summer Food Summer Program food services for low income

\$1,153

Montas-Hunter, Sonja S

Florida Department of Agriculture and Co

Academic Affairs - Other Units

Increase

CROP Summer Food Summer Program food services for low income

\$1,290

Murray, Edward P

City of Miami Gardens

Steven J. Green School of International & Public Affairs

Initial

City of Miami Gardens Citywide Housing and Economic Revitalization Study

\$31,500

Narasimhan, Giri

Army Research Office

College of Engineering and Computing

Initial

Multi-Disciplinary High Performance Computing and STEM Education

\$498,691

Narayanan, Rajamani S National Science Foundation College of Arts, Sciences & Education Increase Lattice Field Theory and Hadronic Physics	\$103,936
Pelham Jr, William E National Institute on Drug Abuse College of Arts, Sciences & Education Continuation Intervention for Teens with ADHD and Substance Use	\$559,730
Pelham Jr, William E University of Pittsburgh College of Arts, Sciences & Education Continuation Neural Correlates of symptoms and functioning in young adults with childhood ADHD	\$33,222
Potocky, Miriam YMCA of Greater Toronto College of Public Health Social Work Initial Project MIRACLE	\$11,300
Prospect, Sean Antonio Florida Department of Education College of Arts, Sciences & Education Initial Project IMPACT (FIU After School All-Stars) 2016-2017	\$500,000
Prospect, Sean Antonio Florida Department of Education College of Arts, Sciences & Education Initial Project PRIDE (FIU After School All-Stars) 2016-2017	\$196,425
Prospect, Sean Antonio Florida Department of Education College of Arts, Sciences & Education Initial Project CLAW (FIU After School All Stars) 2016-2017	\$270,661
Rehage, Jennifer National Park Service College of Arts, Sciences & Education Initial Effects of the crocodile sanctuary closure and opening of Joe Bay on fishes	\$90,100
Rodriguez-Lanetty, Mauricio National Science Foundation College of Arts, Sciences & Education Continuation CAREER: Exploring Immunological Priming in a Basal Metazoan (Anthozoan)	\$150,000

Rose, Suzanna M Children's Trust Academic Affairs - Other Units Initial TripleP4YOU	\$196,000
Roy, Deodutta U.S. Department of Veterans Affairs College of Public Health Social Work Continuation Estrogen-Induced Breast Cancer Pathogenesis	\$63,000
Russell, Valerie Elaine Dixon U.S. Department of Education College of Arts, Sciences & Education Continuation Training "Worlds Ahead" Vocational Rehabilitation Counselors at FIU	\$180,000
Sadjadi, Seyedmasoud Georgia Institute of Technology College of Engineering and Computing Continuation VIP Program at FIU	\$90,000
Sibley, Margaret Institute of Education Sciences College of Medicine Continuation Developing a Peer to Peer Behavioral Intervention for High School Students with ADHD	\$428,473
Standiford, Lester Eckerd College College of Arts, Sciences & Education Initial Peter Meinke Endowed Professorship, Direction and Coordination	\$34,500
Tosunoglu, Sabri Ronald Guerrier College of Engineering and Computing Initial A/C Body Cooling System	\$5,000
Trexler, Joel U.S. Army Corps of Engineers College of Arts, Sciences & Education Initial Aquatic Fauna and Periphyton Production Data Collection	\$199,148
Trexler, Joel George Maier Fund College of Arts, Sciences & Education Initial Incorporating Early Life History and Recruitment in Analysis of Population	\$3,315

Trexler, Joel

National Park Service

College of Arts, Sciences & Education

Initial

Freshwater fish monitoring in Water Conservation Area 3 and Everglades National Park \$256,109

Triay Melendez, Ines R

Independent Strategic Management Solution

Academic Affairs - Other Units

Initial

WIPP Restart Technical Assistance \$128,651

Triay Melendez, Ines R

Florida State University

Academic Affairs - Other Units

Initial

Center for Actinide Science and Technology \$46,341

Tse Dinh, Yukching

Community Foundation of Broward

College of Arts, Sciences & Education

Initial

Investigation of a Novel Treatment for Advanced Prostate Cancer \$16,642

Vieira, Edgar Ramos

Baptist Health South Florida

College of Nursing and Health Sciences

Initial

Baptist Health Neuroscience Center \$43,723

Villalona Calero, Miguel A

FIU Foundation

College of Medicine

Initial

Baptist Lab Support – Villalona \$30,000

Villalona Calero, Miguel A

FIU Foundation

College of Medicine

Pre-Award

Baptist Lab Support – Villalona \$42,000

Wachnicka Kosiorek, Anna H

South Florida Water Management District

College of Arts, Sciences & Education

Initial

Improving Predictive Abilities of the Algal Bloom Prediction Models \$9,762

Wagner, Eric

Substance Abuse & Mental Health Services

College of Public Health Social Work

Continuation

FIU-MDCPS Partnership for Preventing Health among Youth \$283,875

Wagner, Eric

Substance Abuse & Mental Health Services

College of Public Health Social Work

Continuation

Miami-Dade Partnership for Preventing Health Risks among Young Adults

\$299,999

Wdowinski, Shimon

National Science Foundation

College of Arts, Sciences & Education

Initial

Collaborative Research: Detection and mechanics of sinkhole activity in Central Florida

\$243,936

Zawislak, Jonathan A

University of Miami

College of Arts, Sciences & Education

Initial

Validation of Tropical Cyclone Precipitation in HWRF using Satellite Observations

\$42,853

Zhang, Yuying

University of Miami

College of Arts, Sciences & Education

Initial

Using time series and empirical dynamic models to forecast the fishing

\$34,147

Zhong, Yu

U.S. Department of Energy

College of Engineering and Computing

Initial

The Fundamental Creep Behavior Model of GR.91 Alloy

\$250,000

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
Maureen Pelham	Director, Research Development	Maureen.pelham@fiu.edu
Aida Reus	Director, Post-Award	Aida.reus@fiu.edu
Horatiu Vinerean	Director, Laboratory Animal Research ; Attending Veterinarian	Horatiu.vinerean@fiu.edu
Susan Webster	Director, Training & International Research Initiatives	Susan.webster@fiu.edu



OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT

11200 SW 8th Street

MARC 430

Miami, FL 33199

<http://research.fiu.edu>