

4-2018

ORED Communicator - April 2018

Office of Research and Economic Development, Florida International University

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Recommended Citation

Office of Research and Economic Development, Florida International University, "ORED Communicator - April 2018" (2018). *Office of Research and Economic Development Newsletters*. 53.
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Upcoming Events

April

April 2018

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Commencement

April 28—May 2

- ⇒ April 2, 10:30 to 11:30 am, ZEB 325, [*Educational Inquiry Colloquium Series*](#), presented by [Bradley Davis](#)
- ⇒ April 2, 12 to 1 pm, WC 130, [*Lessons Learned in Transforming my General Chemistry Course into Full Active Learning*](#), presented by [Milagros Delgado](#)
- ⇒ April 3, 2:30 to 3:30 pm, Miami Beach Urban Studios, [*Sea Level Solutions Interdisciplinary Research & Design Studio Lecture Series*](#), presented by [Pallab Mozumder](#)
- ⇒ April 4, 12 to 1 pm, AHC1 #110, [*How to Talk to your Kids about Sexuality and Teach Them the Skills to Support Sexual Well-Being*](#), presented by the Center for Children and Families
- ⇒ April 6, 2 to 3 pm, ECS 241, [*Including Entrepreneurship and Numerical Simulation of Boiling Heat Transfer Under Different Gravity Levels*](#), presented by [Vijay Dhir](#)
- ⇒ April 6, 8 to 10:30 pm, Stocker AstroScience Center, [*Spring 2018 Star Gazing*](#), with opportunities for telescope observing and NASA updates
- ⇒ April 7 – 10, 2018, JW Marriott Marquis Downtown Miami, [*Diversity Abroad Conference New Realities & Untapped Potential*](#), all FIU employees and students are eligible for a 25% discounted conference registration fee (please register as a member since FIU is part of the Diversity Abroad network; **discount codes** Main Conference: 25FIU2018; MSI Summit: 25FIUMSI2018; GSLS: 25FIUGSLS2018)
- ⇒ April 9, 12 to 1 pm, WC 130, [*“Flipping” genetics classroom: Emphasis on Critical Thinking and Application Skills*](#), presented by [De Etta Mills](#) and [Helena Schmidtmayerova](#)
- ⇒ April 10, 12 to 1 pm, AHC 5 #300, Health Informatics and Health Systems Joint Faculty & Doctoral Student Seminar
- ⇒ April 13, 12 to 1 pm, AHC4 #402, [*IMS-MS as a means of revealing new states during the melting of proteins*](#), lecture hosted by [David E. Clemmer](#)
- ⇒ April 13, 1 to 2 pm, WC #130, [*Environmental Policy, Adaptation and Health Outcomes: Equity Issues*](#), presented by [David Kelly](#)
- ⇒ April 14 and 15, SIPA Auditorium, [*9th International Conference on Ethics in Biology, Engineering and Medicine*](#), hosted by Biomedical Engineering
- ⇒ April 16, 12 to 1 pm, WC 130, [*Demystifying the Engineering and Computer Science Underrepresented Problem*](#), presented by [Monique Ross](#)
- ⇒ April 20, 12 to 1:30 pm, GL 220, [*The Social and Political Origins of the Cuban Revolution*](#), presented by [Lillian Guerra](#)
- ⇒ April 27, 8:30 am to 5 pm, GC Ballrooms, [*4th Annual Medical and Graduate Student and Resident Research Symposium and Awards Ceremony*](#), hosted by the Herbert Wertheim College of Medicine

Awards Received—February 2018

FIU researchers were awarded \$4,601,401 in February 2018. Below is a listing of awards received:

Agarwal, Arvind

College of Engineering and Computing

Mechanical and Materials Engineering

Clarkson Aerospace Corp

Increase

Afrl Collaboration Program - Materials & Manufacturing Research

\$37,500

Agoulnik, Alexander

Herbert Wertheim College of Medicine

Human and Molecular Genetics

National Institutes of Health

Continuation

Relaxin receptor agonists for treatment of liver fibrosis

\$391,308

Bejar, Elizabeth M

Academic Affairs Office of the Provost

National Student Clearinghouse Research

Initial

National Student Clearinghouse Data Sharing Sub Grant

\$10,000

Boswell, Kevin

College of Arts, Sciences & Education

Biology

Nova Southeastern University

Increase

Gulf of Mexico Deep-Pelagic Ecosystem Group (DPEG)

\$36,170

Bracken-Grissom, Heather

College of Arts, Sciences & Education

Biology

Nova Southeastern University

Increase

Gulf of Mexico Deep-Pelagic Ecosystem Group (DPEG)

\$25,517

Bracken-Grissom, Heather

College of Arts, Sciences & Education

Biology

National Science Foundation

Increase

REU-Collaborative Research: evolution of bioluminescence & light detection in deep-sea shrimp

\$15,000

Casas, Alexander D

Division of Finance

University Police

University of South Florida

Initial

2017-18 HVE Contract

\$2,000

Chapagain, Prem P

College of Arts, Sciences & Education

Physics

Purdue University

Initial

Investigation of VP40 mutations found in previous outbreaks

\$10,974

Coccia, Catherine Camille

Robert Stempel College of Public Health & Social Work

Dietetics and Nutrition

National Institute of Food & Agriculture

Initial

MENTOR Parent Program: A family nutrition ecosystem intervention to prevent childhood

\$150,000

Cramer, Elizabeth D

College of Arts, Sciences & Education

Teaching and Learning

U.S. Department of Education

Increase

Project PREPARE: Preparing Rigorous and Effective Professionals as Autism Researchers

\$41,759

Cumming, Michelle Maria

College of Arts, Sciences & Education

Teaching and Learning

Boston University

Initial

Subcontract: Special Educators Working Conditions in Self-Contained Settings for Students

\$14,754

Devieux, Jessy

Robert Stempel College of Public Health Social Work

Health Promotion and Disease Prevention

University of Louisville

Initial

Alcohol associated Comorbidities and Microbiome Evaluation in HIV (ACME HIV)

\$56,367

Fonseca, Brian

Steven J. Green School of International & Public Affairs

J Gordon Institute of Public Policy & Citizenship

CACI International Inc.

Increase

FIU-US SOUTHCOM Academic Partnership

\$150,000

Gan Chowdhury, Arindam

College of Engineering and Computing

Civil and Environ Engineering

Rensselaer Polytechnic Institute

Initial

Model to Full-Scale Validation of Peak Pressure Mechanisms in Buildings

\$13,004

Gan, Cheng-Tin

College of Engineering and Computing
 Civil and Environ Engineering
 Florida Department of Transportation
 Initial

FSUTMSOnline Web Portal Maintenance Phase 2 \$10,177

Gann, Daniel

Academic Affairs GIS Center & Digital Collection
 South Florida Water Management District
 Initial

Detection of Seasonal Submerged Aquatic and Emergent Vegetation \$29,500

Gladstone, Susan

Academic Affairs Jewish Museum of Florida-FIU
 City of Miami Beach
 Initial

FY1718 City of Miami Beach Grant Agreement \$50,000

Gutierrez, Martha E

College of Engineering and Computing
 Computer Information Sciences
 UniversityCity Transp & Mgmt Sweetwater
 Initial

ITPA Access and Integration with UTMA Operations Center \$19,550

Hale Jr, Donnie Ray

Academic Affairs Student Access and Success
 Educate Tomorrow
 Initial

Unite Miami: The Education Effect \$134,132

Hamid, Shahid

College of Business Administration
 Finance
 Florida Office of Insurance Regulation
 Supplemental

Florida Public Hurricane Loss Model (FPHLM) \$82,046

Harborne, Alastair

College of Arts, Sciences & Education
 Biology
 Florida Fish and Wildlife Conservation
 Initial

FIU Aquarius Artificial Reef Monitoring Project \$50,793

Ibanez, Gladys E

Robert Stempel College of Public Health & Social Work
 Epidemiology
 University of Florida
 Initial

Health outcomes and cognitive effects of marijuana use among persons living with HIV/AIDS \$82,184

Ibrahim Mohamed, Ahmed Salah

College of Engineering and Computing
 Electrical & Computer Engineering
 Texas A&M University

Continuation

Optical Wireless Communications: Complementary Technology for Solving \$6,404

Ilcheva, Maria

Steven J. Green School of International & Public Affairs
 Metropolitan Center

Florida Department of Transportation

Initial

Strategic Planning Retreat: Traffic Operations Cost Center, FDOT District VI \$8,510

Jin, Xia

College of Engineering and Computing

Civil and Environ Engineering

CTS Engineering Inc.

Supplemental

Transportation Statistics Support - FDOT D4 \$130,358

Kramer, Laird H

College of Arts, Sciences & Education

STEM Institute

University of Colorado

Continuation

Science and Technology Center on Real-Time Functional Imaging (STROBE) \$107,344

Kutateladze, Besiki Luka

Steven J. Green School of International & Public Affairs

Criminal Justice

John D. and Catherine T. MacArthur Foundation

Initial

Advancing Prosecutorial Fairness and Effectiveness through Data and Innovation \$815,427

Lagos, Leonel

Academic Affairs ARC Applied Research Center

Office of Environmental Management

Increase

Chemical Process Alternatives for Radioactive Waste \$225,000

Lagos, Leonel

Academic Affairs ARC Applied Research Center

Office of Environmental Management

Increase

DOE-FIU Science and Technology Workforce Development Program \$325,000

Lagos, Leonel

Academic Affairs ARC Applied Research Center

Office of Environmental Management

Increase

Environmental Remediation Science and Technology \$225,000

Lagos, Leonel

Academic Affairs ARC Applied Research Center
Office of Environmental Management

Increase

Waste and D & D Engineering and Technology Development \$225,000

McMakin, Dana Lynn

College of Arts, Sciences & Education

Psychology

National Institutes of Health

Initial

Sleep and Overgeneralization of Negative Memories in Peri-pubertal Youth with Anxiety \$10,610

Montas-Hunter, Sonja S

Academic Affairs Student Access and Success

U.S. Department of Education

Increase

Subproject to 800008627 No F&A \$76,318

Murray, Edward P

Steven J. Green School of International & Public Affairs

Metropolitan Center

Village of Wellington

Initial

Village of Wellington Housing and Economic Impact Study \$103,000

Pala, Nezh

College of Engineering and Computing

Electrical & Computer Engineering

University of Utah

Initial

3D Simulation of THz Plasmonic Structures \$28,421

Pomeroy, Jordana

Academic Affairs Frost Art Museum

Funding Arts Network

Initial

Dangerous Women \$12,000

Royles, Daniel E

Steven J. Green School of International & Public Affairs

History

City of Miami

Initial

Digital Archives for Virginia Key \$116,565

Sheehan Delgado, Diana Montserrat

Robert Stempel College of Public Health & Social Work

Epidemiology

HIV Prevention Trials Network

Continuation

Perceived network sexual norms and HIV sexual risk behavior among drug users \$11,345

Tansel, Berrin

College of Engineering and Computing
 Civil and Environmental Engineering
 Miami-Dade County Water and Sewer
 Supplemental
 CD 1.08 SDWWTP Dewatering Facility FIU Interns

\$53,248

Tansel, Berrin

College of Engineering and Computing
 Civil and Environmental Engineering
 Miami-Dade County Water and Sewer
 Supplemental
 CD 2.16 CDWWTP Dewatering Building FIU Interns

\$58,240

Tansel, Ibrahim N

College of Engineering and Computing
 Mechanical and Materials Engineering
 Mike Bucar
 Initial
 Impact Monitoring System Development for Heavy Bags

\$5,000

Unwalla, Hoshang Jehangir

Herbert Wertheim College of Medicine
 Immunology
 National Institutes of Health
 Initial
 Lung comorbidities in HIV patients

\$146,500

Volakis, John

College of Engineering and Computing
 Engineering Dean's Office
 Ohio State University
 Initial
 Wearable Medical Electro - Textile System for Warfighter Monitoring

\$15,000

Volakis, John

College of Engineering and Computing
 Engineering Dean's Office
 Iowa State University
 Initial
 SpecEES: Toward Spectral and Energy Efficient Cross-Layer Designs

\$263,114

Volakis, John

College of Engineering and Computing
 Engineering Dean's Office
 Northrop Grumman
 Increase
 Wideband Phased Array Studies

\$88,779

Volakis, John

College of Engineering and Computing
Engineering Dean's Office
Ohio State University

Increase

Ultra-Wideband and Secure Multiuser Communication System with Reduced Hardware \$101,400

Wunder, Linda L

Nicole Wertheim College of Nursing and Health Sciences
Nursing Anesthesiology

Initial

Sheridan HealthCorp, Inc.

Faculty Support Agreement

\$31,083

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/>.

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