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ORED Communicator - July 2017

Office of Research and Economic Development, Florida International University

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Upcoming Events

July 2017

- ♦ July 12, 11 am to 12:30 pm, AHC 4 #402, [*The Med Writers—The Rapidly Growing Field of Medical Writing*](#), presented by [Karen Viera](#)
- ♦ July 18, 3 to 5 pm, AHC 4 #101, [*FIUMASS: MS Experience for All*](#)

Awards Received—May 2017

FIU researchers were awarded \$7,642,368 in May 2017. Below is a listing of awards received.

July 2017

Upcoming Events

Awards Received May 2017

Funding Opportunities (page 8)

Contact Us (page 9)

Angela Marie Richmond Laird

College of Arts, Sciences & Education
National Institutes of Health

Initial

Neuroimaging meta-analytics for addiction: Nodes, networks, \$215,214

Arvind Agarwal

College of Engineering and Computing
Office of Naval Research

Initial

Boron Nitride Nanotube Reinforced Titanium Matrix Composites \$150,000

Brian Fonseca

Steven J. Green School of International & Public Affairs
Defense Intelligence Agency

Supplemental

Program in National Security Studies \$53,533

Carlos Arturo Espinal Tejada

Robert Stempel College of Public Health Social Work
Oxitec Ltd

Initial

Sponsor GHC activities on key issues on global health \$15,000

Christine Lisetti

College of Engineering and Computing
National Science Foundation

Increase

CHS: Small: Advanced Design Principles for Computer \$16,000

Dana Lynn McMakin

College of Arts, Sciences & Education
Pediatric Specialists of America

Continuation

Dr. Dana McMakin's Clinical Work with Nicklaus Children's \$20,597

Dana Lynn McMakin

College of Arts, Sciences & Education
Pediatric Specialists of America

Pre-Award

Dr. Dana McMakin's Clinical Work with Nicklaus Children's \$6,866

David Garber

College of Engineering and Computing
Florida Department of Transportation
Initial

Local and Global Strain-Based Corrosion Detection Using Available Sensors \$114,270

De Etta kay Mills

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

FIU MARC U*STAR Program \$142,009

De Etta kay Mills

College of Arts, Sciences & Education
National Institutes of Health
Pre-Award

FIU MARC U*STAR Program \$34,000

Debra Lundy

Chaplin School of Hospitality and Tourism Management
Miami-Dade County Cultural Affairs
Initial

2016-2017 TDC Fun & Fit as a Family \$12,250

Deodutta Roy

Robert Stempel College of Public Health Social Work
U.S. Department of Veterans Affairs
Continuation

Estrogen-Induced Breast Cancer Pathogenesis \$57,750

Diana Montserrat Sheehan Delgado

Robert Stempel College of Public Health Social Work
HIV Prevention Trials Network
Initial

Perceived network sexual norms and HIV sexual risk behavior among drug \$24,930

Elizabeth M Bejar

Office of the Provost
University of Pennsylvania
Increase

HSI-PATHWAYS Hispanic Serving Institutions: Pathways to the Professoriate \$25,000

Erika K Coles

College of Arts, Sciences & Education
Children's Trust
Initial

A Summer Program for Children with or at risk for serious behavior problems \$481,005

Fabian Cevallos

College of Engineering and Computing
UniversityCity Transp & Mgmt Sweetwater
Initial

UTMA Transit & Technical Support \$45,000

Fernando Noriega

College of Arts, Sciences & Education

National Institutes of Health

Increase

Regulation of juvenile hormone titers in mosquitoes

\$531,877

Francisco Mora

Steven J. Green School of International & Public Affairs

U.S. Department of Education

Increase

Foreign Language and Area Studies (FLAS) Fellowships

\$276,000

Hesham A Ali

College of Engineering and Computing

WIRTGEN AMERICA Inc.

Initial

Develop a Paving Certification Program

\$80,091

Hitendra Singh Chand

Herbert Wertheim College of Medicine

American Lung Association

Initial

Targeting Chronic Mucous Hypersecretion Using a Small Molecule Inhibitor

\$30,420

Irina Agoulnik

Herbert Wertheim College of Medicine

Community Foundation of Broward

Increase

Investigation of a Novel Treatment for Advanced Prostate Cancer

\$2,850

Jeffrey Allen Boyd

Herbert Wertheim College of Medicine

FIU Foundation

Initial

Detection of Somatic Pre-Cancerous Mutations in Tampons of Patients with Pre-Existing BRCA1

\$22,000

Jose Miguel Cruz

Steven J. Green School of International & Public Affairs

Fundacion Grupo Civico Etica y Transpare

Initial

Electoral Participation in Nicaragua: Citizen conceptualization, behavior and political attitudes

\$50,000

Jose Miguel Cruz

Steven J. Green School of International & Public Affairs

Open Society Foundations

Initial

The Central America Security and Drug Fellowship

\$119,900

Joseph Daniel Sinicrope

ARC Applied Research Center

U.S. Army Corps of Engineers

Increase

Research and Development Initiatives in support of ERDC's Coastal Hydraulics Lab (CHL)

\$9,139

Juan Pablo Sarmiento

Extreme Events Institute

US Agency for International Development

Increase

The Disaster Resilience and Climate in the Americas Program (DRCAP)

\$1,250,000

Jun Li

College of Arts, Sciences & Education

National Science Foundation

Initial

CAREER: Genetic and Molecular Mechanisms of Parasite Infection in Insects

\$100,000

Jun Li

College of Arts, Sciences & Education

National Institutes of Health

Increase

Targeting mosquito FREP1 protein for malaria control

\$19,002

Kenneth J Lipartito

Steven J. Green School of International & Public Affairs

City of Miami Beach

Supplemental

Miami Beach Archives Digitalization Project

\$60,000

Lakhdar Boukerrou

College of Arts, Sciences & Education

United States Embassy in Ouagadougou

Initial

USAFRICOM - FIU Watershed Management Workshop

\$39,500

Leonel Lagos

ARC Applied Research Center

Office of Environmental Management

Increase

FIU's Research Support to the DOE OEM

\$1,000,000

Lester Standiford

College of Arts, Sciences & Education

Eckerd College

Initial

WRITERS IN PARADISE 2018

\$37,500

Lidia Kos

College of Arts, Sciences & Education

Clinical Research of South Florida

Agreement

Re: Recharge Center Agreement

\$5,000

Lorraine Bahrlick

College of Arts, Sciences & Education

Child Health and Human Development

Continuation

Intersensory Processing, Developmental Trajectories, and Logitudinal Outcomes

\$481,074

Marcus Stanley Cooke

Robert Stempel College of Public Health Social Work

Thomas Helledays Foundation for Med Rsch

Initial

MTH1, A phase I, Study on Tumors Inhibition, First in human, First in class

\$29,830

Marcus Stanley Cooke

Robert Stempel College of Public Health Social Work

Environmental Health Sciences

Initial

Genomic instability, susceptibility to oxidative stress and cellular senescence

\$366,250

Mauricio Rodriguez-Lanetty

College of Arts, Sciences & Education

Oregon State University

Initial

EDGE: Functional-Genomics Tools for Cnidarian-Dinoflagellate Symbiosis

\$40,000

Melissa R McCartney

College of Arts, Sciences & Education

American Assoc Advancement of Science

Initial

Science in the Classroom

\$17,374

Naphtali Rishe

College of Engineering and Computing

National Science Foundation

Increase

I/UCRC Phase II: Center for Advanced Knowledge Enablement

\$4,980

Naphtali Rishe

College of Engineering and Computing

National Science Foundation

Increase

I/UCRC Phase II: Center for Advanced Knowledge Enablement

\$50,000

Naphtali Rishe

College of Engineering and Computing

National Science Foundation

Increase

I/UCRC Phase II: Center for Advanced Knowledge Enablement

\$20,000

Naphtali Rishe

College of Engineering and Computing

National Science Foundation

Increase

MRI: Development of an Instrument for Acquisition, Management,

\$16,000

Naphtali Rishe

College of Engineering and Computing

National Science Foundation

Increase

I/UCRC Phase II: Center for Advanced Knowledge Enablement

\$16,000

Nazira El-Hage

Herbert Wertheim College of Medicine

National Institutes of Health

Increase

Role of Autophagy in Microglia-induced NeuroAIDS in Substance Abuse

\$40,020

Oren B Stier

Steven J. Green School of International & Public Affairs

Robert Russell Memorial Foundation

Increase

Developing an Online Holocaust Studies Certificate

\$3,000

Paulo Andrade Graziano

College of Arts, Sciences & Education

Children's Trust

Initial

STP-PreK

\$172,088

Priyanka Alluri

College of Engineering and Computing

Florida Department of Transportation

Increase

Use of Communication Technologies to Enhance Public Involvement in Transportation Projects

\$96,000

Raul Gonzalez Jr

College of Arts, Sciences & Education

National Institute on Drug Abuse

Increase

The Impact of Cannabis Use on the Neurocognitive Functioning of Individuals with HIV/AIDS

\$36,352

Ruogu Fang

College of Engineering and Computing

National Science Foundation

Increase

CRII: SCH: Characterizing, Modeling and Evaluating Brain Dynamics

\$16,000

Sakhrat Khizroev

College of Engineering and Computing

University of California Berkeley

Continuation

Physics of Spin Switching in Sub-10-nm Spin-transfer-torque Magnetic Tunneling Junctions

\$114,400

Shimon Wdowinski

College of Arts, Sciences & Education

University of Pennsylvania

Initial

Flood Regimes and Carbon Cycling in Anthropogenic Landscapes of the Bolivian Amazon

\$9,605

Stavros Georgakopoulos

College of Engineering and Computing

Northrop Grumman

Initial

Origami Reconfigurable Antenna

\$30,000

Tianyan Hu

Robert Stempel College of Public Health Social Work

Nicklaus Children's Hospital

Initial

Health Economics 3D printing

\$25,000

Tiffany Troxler

College of Arts, Sciences & Education

National Park Service

Increase

Monitoring for Potential Water Quality Impacts along the Eastern Boundary of Everglades

\$245,000

Tiffany Troxler

College of Arts, Sciences & Education

University of Florida

Increase

Mechanisms of peat collapse in Everglades coastal ecosystems: Phase II

\$100,000

Tomas R Guilarte

Robert Stempel College of Public Health Social Work

Battelle Memorial Institute

Initial

TSPO Analysis on TPP/IPP studies

\$62,562

Valerie Russell

College of Arts, Sciences & Education

U.S. Department of Education

Increase

Training "Worlds Ahead" Vocational Rehabilitation Counselors at FIU

\$707

Werner Boeglin

College of Arts, Sciences & Education

U.S. Department of Energy

Continuation

Hadronic Physics with Electromagnetic Probes

\$477,000

Xudong He

College of Engineering and Computing

Alabama A&M University

Increase

An Adaptive Evolutionary Computing Based Runtime Checker

\$47,000

Yu Zhong

College of Engineering and Computing

QuesTek Innovations LLC

Initial

CALPHAD

\$13,072

Yuan Liu

College of Arts, Sciences & Education

Community Foundation of Broward

Increase

Investigation of a Novel Treatment for Advanced Prostate Cancer

\$1,050

Yukching Tse Dinh

College of Arts, Sciences & Education

Community Foundation of Broward

Increase

Investigation of a Novel Treatment for Advanced Prostate Cancer

\$1,100

Yuying Zhang

College of Arts, Sciences & Education

University of Florida

Continuation

Impacts of stock spatial structure and connectivity on Caribbean spiny lobster stocks

\$64,201

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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