

1-2016

ORED Communicator - January 2016

Office of Economic Research and Development, Florida International University

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Upcoming Events

January 2016
Issue

Upcoming Events
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January 2016

- ◆ **January 4 through 7, TBD**, *International Mathematics Conference in Partial Differential Equations, Complex Analysis and Related Topics*
- ◆ **January 6, 1 to 2 pm, AHC2 #170**, *Secrets of the Cancer Genome*, presented by [Douglas Levine](#)
- ◆ **January 8, 2 to 3 pm, ECS 241**, *Toward a Theory of Humanly Computable Protocols*, presented by [Manuel Blum](#)
- ◆ **January 20, 1 to 2 pm, AHC2 #170**, *Translating Laboratory Findings Towards Assessment of Tobacco-Related Cancer Risk in Populations and Individuals*, presented by [David Hein](#)
- ◆ **January 22, 9 to 10 am, EC 2300**, *Imaging of the Brain in Stroke Survivors*, presented by [Brian Schmit](#)
- ◆ **January 29, 9 to 10 am, EC 2300**, presentation by [Cecilia Giachelli](#)

Awards Received—November 2015

FIU researchers were awarded \$6,521,463 in November 2015. Below is a listing of awards received.

PI: Jose R Almirall

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: CTTSO Technical Support Working Group

TITLE: Heroin Origin Determination **AWARD:** \$ 127,747

PI: Atorod Azizinamini

CIVIL AND ENVIRON ENGINEERING

Award Action Type: Initial

AWARDING SPONSOR: U.S. DOT Federal Highway Administration

TITLE: National Accelerated Bridge Conference– 12/2015 **AWARD:** \$ 58,597

PI: Shekhar Bhansali

ELEC AND COMPUTER ENG

Award Action Type: Pre-Award

AWARDING SPONSOR: North Carolina State University

TITLE: ASSIST **AWARD:** \$ 6,943

PI: Shekhar Bhansali

ELEC AND COMPUTER ENG

Award Action Type: Pre-Award

AWARDING SPONSOR: North Carolina State University

TITLE: ASSIST **AWARD:** \$ 8,527

Awards Received—November 2015

Continued

PI: Mahadev G Bhat EARTH AND ENVIRONMENT Award Action Type: Continuation AWARDING SPONSOR: University of Miami TITLE: Pulley Ridge Fisheries Bio-economic Modeling Project	AWARD: \$ 62,283
PI: Eric Bishop-Von Wettberg BIOLOGY Award Action Type: Increase AWARDING SPONSOR: University of California Davis TITLE: A reverse-introgression and community genomics strategy	AWARD: \$ 93,907
PI: Henry Briceno SOUTHEAST ENV RESEARCH CTR Award Action Type: Increase AWARDING SPONSOR: National Science Foundation TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research	AWARD: \$ 66,760
PI: Zhe Cheng MECHANICAL AND MAT ENGINEERING Award Action Type: Initial AWARDING SPONSOR: U.S. Department of Energy TITLE: Nanocrystalline High Temperature and Ultrahigh Temperature	AWARD: \$ 249,970
PI: Todd Crowl SOUTHEAST ENV RESEARCH CTR Award Action Type: Initial AWARDING SPONSOR: University of New Hampshire TITLE: Luquillo CZO: the role of hot spots and hot moments	AWARD: \$ 15,720
PI: Anthony De Caprio CHEMISTRY Award Action Type: Initial AWARDING SPONSOR: National Institute of Justice TITLE: Novel Blood Protein Modification Assay for Retrospective Detection	AWARD: \$ 195,710
PI: Timothy Dean COLLEGE ACCESS Award Action Type: Increase AWARDING SPONSOR: U.S. Department of Education TITLE: Florida International University Upward Bound	AWARD: \$ 101,655
PI: Timothy Dean COLLEGE ACCESS Award Action Type: Continuation AWARDING SPONSOR: Florida Department of Agriculture and Co TITLE: Summer Food Summer Program food services for low income	AWARD: \$ 10,530

PI: Timothy Dean
COLLEGE ACCESS
Award Action Type: Continuation
AWARDING SPONSOR: Florida Department of Agriculture and Co
TITLE: Summer Food Summer Program food services for low income **AWARD: \$** 2,622

PI: Laura H Dinehart
COE LEADERSHIP AND PROF STU
Award Action Type: Initial
AWARDING SPONSOR: Business & Leadership Inst Early Learning
TITLE: The Business & Leadership Institute 2015-2016 Coordinating **AWARD: \$** 40,340

PI: Jacqueline Evans
PSYCHOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Federal Bureau of Investigation
TITLE: Confirmation bias among interpreters in an interrogative setting **AWARD: \$** 102,444

PI: Brian Fonseca
J GORDON INS PUB POL AND CITI
Award Action Type: Initial
AWARDING SPONSOR: Centro de Altos Estudios Nacionales
TITLE: FIU In-Residence Global Security Seminar **AWARD: \$** 43,483

PI: James Fourqurean
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Ball Aerospace and Technologies
TITLE: Ball Aerospace participation in NEEMO XX Aquarius Mission **AWARD: \$** 35,000

PI: Karen S Fuller
MUSIC
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: FIU School of Music Concert Season **AWARD: \$** 40,000

PI: Evelyn Gaiser
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD: \$** 533,279

PI: Evelyn Gaiser
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD: \$** 16,000

PI: Nazife E Ganapati
PUBLIC ADMINISTRATION
Award Action Type: Initial
AWARDING SPONSOR: U.S. Department of Justice
TITLE: Understanding the organizational factors that impact **AWARD: \$** 149,793

PI: Daniel Gann
LIBRARY OPERATIONS
Award Action Type: Increase
AWARDING SPONSOR: U.S. Army Corps of Engineers
TITLE: Monitoring of Tree Island Condition in the Southern Everglades **AWARD:** \$ 17,234

PI: Gueo V Grantcharov
MATH AND STATISTICAL SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: Simons Foundation
TITLE: Geometry of Complex Non-Kaehler Manifolds **AWARD:** \$ 7,000

PI: Lei Guo
PHYSICS
Award Action Type: Continuation
AWARDING SPONSOR: Jefferson Lab
TITLE: Hadron Spectroscopy at Jefferson Lab **AWARD:** \$ 8,955

PI: Mohammed A Hadi
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: Gannett Fleming Inc
TITLE: Evaluation of Video Analytic Technologies **AWARD:** \$ 24,994

PI: Shahid Hamid
INTERNATIONAL HURRICANE CENTER
Award Action Type: Initial
AWARDING SPONSOR: State Board Administration of Florida
TITLE: Hurricane Catastrophe Fund 2015-2020 **AWARD:** \$ 8,040

PI: Mary Helen Hayden
SCHOOL OF SOCIAL WORK
Award Action Type: Initial
AWARDING SPONSOR: University of Central Florida
TITLE: FIU Child Welfare Education Program **AWARD:** \$ 204,858

PI: Michael Heithaus
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 69,558

PI: Gladys E Ibanez
EPIDEMIOLOGY
Award Action Type: Supplemental
AWARDING SPONSOR: University of Florida
TITLE: Southern HIV and Alcohol Research Consortium - SHARC **AWARD:** \$ 7,410

PI: Rudolf Jaffe
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 70,947

PI: Konstantinos Kavallieratos

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: U.S. Nuclear Regulatory Commission

TITLE: FIU Nuclear Research Fellowships Growing the Opportunities **AWARD:** \$ 70,030

PI: Konstantinos Kavallieratos

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: U.S. Nuclear Regulatory Commission

TITLE: FIU Nuclear Research Fellowships Growing the Opportunities **AWARD:** \$ 213,355

PI: John Kominoski

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Increase

AWARDING SPONSOR: National Science Foundation

TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 71,350

PI: Kenneth J Lipartito

HISTORY

Award Action Type: Continuation

AWARDING SPONSOR: City of Miami Beach

TITLE: Miami Beach Archives Digitalization Project **AWARD:** \$ 78,543

PI: Yuan Liu

CHEMISTRY

Award Action Type: Increase

AWARDING SPONSOR: National Institutes of Health

TITLE: Trinucleotide Repeat Instability via DNA Damage and Repair **AWARD:** \$ 321,734

PI: Bruce Mc Cord

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: U.S. Department of Justice

TITLE: Ultrahigh speed Direct PCR. A method for obtaining STR based **AWARD:** \$ 400,265

PI: Bruce Mc Cord

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: National Institute of Justice

TITLE: The Application of Gold Nanoparticles for the Trace Detection **AWARD:** \$ 333,582

PI: Maria Jose Miguez Perez

SISH

Award Action Type: Supplemental

AWARDING SPONSOR: University of Florida

TITLE: Southern HIV and Alcohol Research Consortium - SHARC **AWARD:** \$ 114,960

PI: Maria Jose Miguez Perez

SISH

Award Action Type: Continuation

AWARDING SPONSOR: University of Florida

TITLE: Pharmacotherapy for alcohol consumption in HIV Positive Women **AWARD:** \$ 136,514

PI: Maria Jose Miguez Perez
SISH
Award Action Type: Initial
AWARDING SPONSOR: Brown University
TITLE: Alcohol and HIV: Biobehavioral Interactions and Intervention **AWARD: \$** 69,798

PI: Jordana Pomeroy
FROST ART MUSEUM
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: Major Cultural Institutions 2015-2016 **AWARD: \$** 159,205

PI: Miriam Potocky
SCHOOL OF SOCIAL WORK
Award Action Type: Continuation
AWARDING SPONSOR: New York Community Trust
TITLE: Project MIRACLE **AWARD: \$** 18,886

PI: Rene Price
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD: \$** 74,926

PI: Sean Antonio Prospect
COE COMMUNITY ENGAGEMENT
Award Action Type: Initial
AWARDING SPONSOR: FIU Foundation
TITLE: Project PREPARE (FIU After School All-Stars) 2015-2016 **AWARD: \$** 15,225

PI: Joseph Raiker Jr
PSYCHOLOGY
Award Action Type: Increase
AWARDING SPONSOR: Brain and Behavior Research Foundation
TITLE: The Utility of Cognitive Subgroups in Predicting Treatment Response **AWARD: \$** 35,000

PI: Andrea D Raymond
COM IMMUNOLOGY
Award Action Type: Initial
AWARDING SPONSOR: University of Miami
TITLE: Nef+ Exosomes: Neurotoxin, biomarker, and theragnostic **AWARD: \$** 36,000

PI: Jennifer Rehage
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: South Florida Water Management District
TITLE: Habitat selection & movement of everglades fishes in **AWARD: \$** 30,000

PI: David F Roelant
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: EnergySolutions
TITLE: FIU Testing of 2D Sonar performance for imaging surrogate **AWARD: \$** 62,000

PI: Barry Philip Rosen COM CELL BIOLOGY AND PHARM Award Action Type: Increase AWARDING SPONSOR: National Institutes of Health TITLE: The Human Arsenic Methylation Pathway	AWARD: \$ 322,297
PI: Jay Sah SOUTHEAST ENV RESEARCH CTR Award Action Type: Increase AWARDING SPONSOR: U.S. Army Corps of Engineers TITLE: Monitoring of Tree Island Condition in the Southern Everglades	AWARD: \$ 75,433
PI: Arif Islam Sarwat ELEC AND COMPUTER ENG Award Action Type: Increase AWARDING SPONSOR: Florida Power and Light TITLE: Smart Grid: Game Changer for Lifestyle Elevation	AWARD: \$ 70,000
PI: Arif Islam Sarwat ELEC AND COMPUTER ENG Award Action Type: Increase AWARDING SPONSOR: Florida Power and Light TITLE: Electric Power Reliability & Analytics Center (EPRAC)	AWARD: \$ 365,600
PI: Casey Steadman THE WOLFSONIAN Award Action Type: Initial AWARDING SPONSOR: Florida Division of Cultural Affairs TITLE: FL DCA General Support	AWARD: \$ 67,782
PI: Casey Steadman THE WOLFSONIAN Award Action Type: Initial AWARDING SPONSOR: Miami-Dade County Cultural Affairs TITLE: Miami Dade County MCI General Operating Support	AWARD: \$ 281,536
PI: Casey Steadman THE WOLFSONIAN Award Action Type: Initial AWARDING SPONSOR: Miami-Dade County Cultural Affairs TITLE: Enhanced Audio-Visual Environment for Public Programs	AWARD: \$ 6,539
PI: Casey Steadman THE WOLFSONIAN Award Action Type: Initial AWARDING SPONSOR: City of Miami Beach TITLE: General Operating Support	AWARD: \$ 30,314
PI: Matthew T Sutherland PSYCHOLOGY Award Action Type: Increase AWARDING SPONSOR: National Institutes of Health TITLE: Impact of HIV and cannabis on brain function	AWARD: \$ 34,515

PI: Berrin Tansel
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Water and Sewer
TITLE: CD 2.16 CDWWTP Dewatering Building (Central District) **AWARD:** \$ 50,750

PI: Berrin Tansel
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Water and Sewer
TITLE: CD 1.08 CDWWTP- Dewatering Facility (South District) **AWARD:** \$ 50,750

PI: Markus L Thiel
SIPA
Award Action Type: Initial
AWARDING SPONSOR: European Commission
TITLE: Outreach Projects with the Scientific and Business Miami Communities **AWARD:** \$ 30,758

PI: Tiffany Troxler
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 77,180

PI: Tiffany Troxler
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: U.S. Geological Survey
TITLE: Linking Satellite and Soil Data to Validate Coastal Wetland **AWARD:** \$ 24,133

PI: Arif Selcuk Uluagac
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: Griffiss Institute Inc
TITLE: Fingerprinting IoT Wearables for Mission Security **AWARD:** \$ 10,000

PI: Feion Villodas
CENTER FOR CHILDREN AND FAM
Award Action Type: Pre-Award
AWARDING SPONSOR: Children's Trust
TITLE: After-school support program for youth at-risk for behavior problems **AWARD:** \$ 22,545

PI: Eric Wagner
SCHOOL OF SOCIAL WORK
Award Action Type: Increase
AWARDING SPONSOR: University of California San Diego
TITLE: Facilitating Self-Change for Adolescent Alcohol Problems **AWARD:** \$ 78,648

PI: Changwon Yoo
BIostatISTICS
Award Action Type: Increase
AWARDING SPONSOR: Seoul National University Hospital
TITLE: Developing a computer diagnosis system for Benign Prostatic Hyperplasia **AWARD:** \$ 13,696

PI: Keqi Zhang

INTERNATIONAL HURRICANE CENTER

Award Action Type: Initial

AWARDING SPONSOR: University of Miami

TITLE: Development of an Integrated Coastal Inundation Forecast

AWARD: \$ 287,309

Funding Opportunities

The funding opportunities are in a separate excel file, which includes a filter for agency, date and opportunity number.

Contact ORED Senior Leadership

Name	Title	Email Address
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