

Upcoming Events

January 2016 Issue

Upcoming Events
(cover)

Awards Received
in October 2015
(cover—page 9)

Funding
Opportunities
(Excel file attached)

Contact Us
(page 9)

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
Andrés G. Gil	Vice President for Research	Andres.gil@fiu.edu
Tonja Moore	Associate Vice President for Research Strategic Planning & Operations	Tonja.moore@fiu.edu
Luis P. Salas	Associate Vice President for Research	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, Pre-Award	Robert.gutierrez@fiu.edu
Pedro Hernández	Director, Technology Management & Commercialization	Pedro.hernandez7@fiu.edu
Maureen Pelham	Director, Research Development	Maure.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>