

11-2015

## ORED Communicator - November 2015

Office of Economic Research, Florida International University

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**November 2015  
Issue**



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## Research Community Celebrates WOW's NHERI Designation

Following an extraordinarily competitive and rigorous review process, FIU's Wall of Wind was selected as one of the nation's major *Experimental Facilities* under the National Science Foundation's (NSF) Natural Hazards Engineering Research Infrastructure (NHERI) program. This prestigious NSF award represents unprecedented recognition of FIU's prominence in wind engineering and natural hazards and the University's potential to generate new knowledge on wind damage and rain intrusion.

During a reception at the Ronald W. Reagan Presidential House, President Rosenberg, Provost Furton and Vice President Gil gathered to recognize those individuals who have supported the Extreme Events Institute and the International Hurricane Research Center since its inception and those who have worked so fervently to achieve this prestigious designation for its Wall of Wind.



FIU's Wall of Wind (WOW) is truly a unique research facility. Located on the University's Engineering Campus, it is the nation's only full-scale simulator capable of producing Category 5 hurricane (157+ mph) winds. The 12-fan, 8,400 horsepower system was inaugurated in 2012, on the 20<sup>th</sup> anniversary of Hurricane Andrew's devastating impacts on South Florida. The Wall of Wind was developed with public and private funding over nearly 10 years, and capped by a \$7.5



million State of Florida Center of Excellence award in 2008. Since then, the Center of Excellence has secured projects and awards totaling more than \$9 million.



As an NSF-designated Experimental Facility, the Wall of Wind will serve as the site for NSF-funded investigators from around the country to conduct research on the effects of wind and water on buildings and other structures and for the development of methods to prevent these natural hazards from escalating into community disasters. Ultimately, the results of this research will translate into practices and materials that will make homes and businesses safer in hurricanes and tornadoes.

In addition to advancing the sciences of wind engineering and disaster risk reduction, and enhancing FIU's national reputation, designation of the Wall of Wind as an NSF Experimental Facility will bolster FIU's efforts to recruit top-notch scientists and students in a variety of related disciplines, creating additional avenues of research. It will also afford a wide array of research training opportunities for FIU students.

The multidisciplinary project team includes faculty from FIU's Extreme Events Institute and its International Hurricane Research Center (IHRC). The team was led by Principal Investigator Arindam Gan Chowdhury, PhD., Associate Professor of Civil and Environmental Engineering and Director of the IHRC's Laboratory for Wind Engineering Research, and Co-Principal Investigators Peter A. Irwin, PhD, P.Eng., Professor of Practice for the Wall of Wind, and Ioannis Zisis, PhD, Assistant Professor of Civil and Environmental Engineering.

# Upcoming Events

## November 2015

- **November 4, 1 to 2 pm, AHC2 #170, HIV and Hepatitis C Interactions**, presented by [Johnny He](#)
- **November 4, 2:30 to 4:30 pm, CBC #140, IRB Training—Managing Approved Protocols**, presented by Eliza J. Gomez (ORED Research Integrity)
- **November 6, 9 to 10 am, EC 2300, Combining EEG and fMRI to Study Epileptic Foci and Networks**, presented by [Jean Gotman](#)
- **November 6, 9 am to 5 pm, GL 220, GIS Day 2015: Sea Level Rise**, an all-day series of presentations centered on sea level rise analysis, mapping and geo-visualization, adaptation and mitigation strategies, and other geospatial technology applications for better understanding and adjusting to the rising seas; the event is FREE, but for planning purposes, please **RSVP** to [Matthew.Toro@fiu.edu](mailto:Matthew.Toro@fiu.edu)
- **November 6, 11 am to 12 pm, AHC3 #205, Molecular Engineering of Ion-Conducting Polymers for Fuel Cell Membrane Applications**, presented by [Chulsung Bae](#)
- **November 6, 2 to 3 pm, ECS 241, Cyber Security**, presented by [Bhavani Thuraisingham](#)
- **November 6, 3 to 5 pm, PC 310, Global Oxygen Models: Constraints from the Record of the Global Coal and Oil Reserves and the Evolution of the Larger Benthic Foraminifera**, presented by [Vladimir Davydov](#)
- **November 10, 12 to 2 pm, AHC4 #402, “Building Businesses Based on Academic Research,”** presented by [Patricia Weber](#), chief scientific officer at Imiplex LLC, who will share her experiences and knowledge on funding startups with government grants
- **November 12, 9:30 to 11 am, GC 150, Barbara Mancini: From Accused to Advocate**, a teach-in and panel discussion; **RSVP required**.
- **November 13, 9 to 10 am, EC 2300, Optical Clearing of Biological Tissues**, presented by [Bernard Choi](#)
- **November 13, 11 am to 12 pm, AHC3 #205, Exploring the Chemistry of Vitamin B12 Derivatives with Reactive Oxygen Species**, presented by [Nicola Brasch](#)
- **November 13, 1:30 to 2:30 pm, OE 134, Ebola and Marburg Viruses use Different Modes of Lipid Gymnastics to Assemble and Form New Viral Strains**, presented by [Robert Stahelin](#)
- **November 16, 3 to 4 pm, WC-130**, lecture by USDA research scientist at Donald Danforth Plant Science Center, [Ivan Baxter](#)
- **November 18, 1 to 2 pm, AHC2 #170, Cyclophostin and Cyclopostin**, presented by [Christopher Spilling](#)
- **November 18, 3:30 to 5 pm, MARC Pavilion**, lecture by [Dr. Vahid Majidi](#), Deputy Assistant Secretary of Defense for Nuclear Matters
- **November 19, 10:30 am to 12:30 pm, WC 130, AMS Fall 2015 Users’ Meeting**, kindly **RSVP**
- **November 20, 9 to 10 am, EC 1112, Microfluidic Devices and Systems: Biomedical Engineering from the Bottom Up**, presented by [Abraham Lee](#)
- **November 20, 11 am to 12 pm, AHC3 #205, Designing the Emergent Behavior of Molecular Magnets** presented by [Christos Lampropoulos](#)
- **November 23, 1 to 2 pm, WC 130, Frontiers in Forensic Science Seminar Series**, presented by [Nadja Compo](#)

## December 2015

- **December 2, 1 to 2 pm, HAC2 #170, Mitochondrial Underpinnings of HIV-associated Neurocognitive Abnormalities**, presented by [Howard Fox](#)
- **December 4, 9 to 10 am, EC 2300, Proving the Nano-Architecture of Biological Tissues Using Light**, presented by [Steven Jacques](#)
- **December 4, 11 am to 12 pm, TBD**, lecture by [Karen Usdin](#), from NIH’s National Institute of Diabetes and Kidney Disease
- **December 16, 1 to 2 pm, AHC2 #170, Role of Endolysosome Deacidification in the Pathogenesis of HIV-1 Associated Neurocognitive Disorder and Alzheimer’s Disease**, presented by [Jonathan Geiger](#)

## 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 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](#)

## ***Awards Received—September 2015***

FIU researchers were awarded \$12,170,270 in September 2015. Below is a listing of awards received.

**PI:** Arvind Agarwal

**MECHANICAL AND MAT ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** U.S. Department of Defense

**TITLE:** 3D Graphene Foam Reinforced Flexible and Multifunctional Polymer **AWARD:** \$ 581,577

**PI:** Priyanka Alluri

**CIVIL AND ENVIRON ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Florida Department of Transportation

**TITLE:** Statewide Analysis of Bicycle Crashes **AWARD:** \$ 150,000

**PI:** Atorod Azizinamini

**CIVIL AND ENVIRON ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** AECOM

**TITLE:** Professional Services to the Illinois State Highway and Toll Authority **AWARD:** \$ 32,000

**PI:** Ou Bai

**ELEC AND COMPUTER ENG**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Science Foundation

**TITLE:** CPS: Synergy: Sensor Network-based Lower-Limb Prosthetic **AWARD:** \$ 885,925

**PI:** Ou Bai

**ELEC AND COMPUTER ENG**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Science Foundation

**TITLE:** CPS: Synergy: Sensor Network-based Lower-Limb Prosthetic **AWARD:** \$ 16,000

**PI:** Patricia Barbetta

**COE TEACHING AND LEARNING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Florida Department of Education

**TITLE:** Exceptional Student Education (ESE Tuition Support Program) 2015-2016 **AWARD:** \$ 325,000

**PI:** Shekhar Bhansali

**OFFICE OF RSCH AND ECO DEVELOP**

**Award Action Type:** Increase

**AWARDING SPONSOR:** FIU Division of Research

**TITLE:** DOR Support for the Bridge to Doctorate **AWARD:** \$ 24,716

**PI:** Mahadev G Bhat

**EARTH AND ENVIRONMENT**

**Award Action Type:** Initial

**AWARDING SPONSOR:** U.S. Department of Agriculture

**TITLE:** Veterans and Small Farmers Outreach Program in South Florida **AWARD:** \$ 174,759

**PI:** Eric Bishop-Von Wettberg  
**INT'L CTR FOR TROPICAL BOTANY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Bok Tower Gardens  
**TITLE:** Conservation genetics of Ocala Vetch, *Vicia ocalensis* **AWARD:** \$ 4,000

**PI:** Benjamin Boesl  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Army Research Laboratory  
**TITLE:** Advanced Materials Response and Design through an Understanding **AWARD:** \$ 48,847

**PI:** Kevin Mershon Boswell  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** Examining the status and distribution of reef fish spawning **AWARD:** \$ 108,480

**PI:** David C Chatfield  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Nuclear Regulatory Commission  
**TITLE:** Faculty Development for Radiochemistry Ph.D. Program at FIU **AWARD:** \$ 450,000

**PI:** Elizabeth Cramer  
**COE TEACHING AND LEARNING**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** Project PREPARE: Preparing Rigorous and Effective Professionals **AWARD:** \$ 72,832

**PI:** Elizabeth Cramer  
**COE TEACHING AND LEARNING**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** Project PREPARE: Preparing Rigorous and Effective Professionals **AWARD:** \$ 177,127

**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 in tropical **AWARD:** \$ 3,930

**PI:** Mario R De La Rosa  
**CRUSADA**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Pacific Institute for Research & Evaluat  
**TITLE:** Drinking and Driving Among Recent Latino Immigrants **AWARD:** \$ 50,569

**PI:** Timothy Dean  
**COLLEGE ACCESS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** Florida International University Upward Bound: FIU TRIO Upward Bound **AWARD:** \$ 264,769



**PI:** Timothy Dean  
**COLLEGE ACCESS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** Florida International University Upward Bound: Subproject **AWARD:** \$ 74,184

**PI:** Jessy G Devieux  
**HEALTH PROMO AND DISEASE PREV**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Growing Up: Intervening with HIV positive adolescents **AWARD:** \$ 198,991

**PI:** Brian Fonseca  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** CACI International Inc  
**TITLE:** CERDEC Flight Activity (CFA) System Engineering Support **AWARD:** \$ 39,200

**PI:** Brian Fonseca  
**LATIN AMERICAN AND CARIB CTR**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** CACI International Inc  
**TITLE:** CERDEC Flight Activity (CFA) System Engineering Support: **AWARD:** \$ 10,800

**PI:** James Fourqurean  
**BIOLOGY**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** National Aeronautics & Space Administrat  
**TITLE:** Aquarius Reef Base: NEEMO\_XX\_NASA **AWARD:** \$ 42,132

**PI:** Stacy Lynn Frazier  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Emotion Regulation for Urban Youth: Minimizing Risk for Anxiety **AWARD:** \$ 34,034

**PI:** Evelyn Gaiser  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Assessing Near-Field and Landscape Scale Ecological Effects of the **AWARD:** \$ 24,702

**PI:** Evelyn Gaiser  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Arizona State University  
**TITLE:** Urban resilience to climate change-driven extreme events **AWARD:** \$ 74,006

**PI:** Arindam Gan Chowdhury  
**INTERNATIONAL HURRICANE CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** NHERI Experimental Facility 2015-2019: FIU Experimental Facility **AWARD:** \$ 842,695

**PI:** Arindam Gan Chowdhury  
**INTERNATIONAL HURRICANE CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** NHERI Experimental Facility 2015-2019: Participant Support Costs **AWARD:** \$ 21,140

**PI:** Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Technical and Research Support for ITS and Traffic Engineering **AWARD:** \$ 125,000

**PI:** Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Technical and Research Support for ITS and Traffic Engineering **AWARD:** \$ 75,000

**PI:** Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** District Four ITS Research and Technical Support: Task Work **AWARD:** \$ 150,000

**PI:** Piero R Gardinali  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** BP Exploration & Production Inc.  
**TITLE:** Analysis of Deep Sea Basins Biodegradation Samples for Extended **AWARD:** \$ 36,121

**PI:** Stavros Georgakopoulos  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Georgia Institute of Technology  
**TITLE:** EFRI-ODISSEI: Novel Perpetual Reconfigurable & Multi-Band **AWARD:** \$ 12,000

**PI:** Raul Gonzalez Jr  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institute on Drug Abuse  
**TITLE:** FIU-ABCD: Pathways and Mechanisms to Addiction in Youth SFL **AWARD:** \$ 1,063,094

**PI:** Sandra A Gracia Jones  
**NURSING UNDERGRADUATE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Substance Abuse & Mental Health Services  
**TITLE:** Partnerships with Community-Based Organizations (CBOs) MSI/CBO **AWARD:** \$ 300,000

**PI:** Mohammed A Hadi  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Academy of Sciences  
**TITLE:** Framework to Support Transportation Agency ITS Infrastructure **AWARD:** \$ 99,000

**PI:** Steven Heine  
**ASIAN STUDIES PROGRAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Endowment for the Humanities  
**TITLE:** Tokyo: High City and Low City **AWARD:** \$ 141,123

**PI:** Steven Heine  
**ASIAN STUDIES PROGRAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Japan Foundation  
**TITLE:** Japan Foundation Grant - Institutional Support **AWARD:** \$ 90,043

**PI:** Julio E Ibarra  
**CIARA**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** IRNC Backbone - AmLight Express and Protect (Exp) **AWARD:** \$ 1,000,000

**PI:** Julio E Ibarra  
**CIARA**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Assoc of Univs for Rsrch in Astronomy  
**TITLE:** Large Synoptic Survey Telescope (LSST) **AWARD:** \$ 305,000

**PI:** Sundararaj Sitharama Iyengar  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Army Research Office  
**TITLE:** A game theoretic approach to self-configuring, non-cooperative **AWARD:** \$ 186,778

**PI:** Sakhrat Khizroev  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** University of California Berkeley  
**TITLE:** Physics of Spin Switching in Sub-10-nm Spin-transfer-torque  
 Magnetic Tunneling Junctions **AWARD:** \$ 75,000

**PI:** Laird H Kramer  
**STEM INSTITUTE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Hispanic Association of Colleges & Univ.  
**TITLE:** HACU YLDF **AWARD:** \$ 22,000

**PI:** Leonel E Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** General Infomatics Inc.  
**TITLE:** Cyber Space Technology Research and STEM Development for **AWARD:** \$ 72,000

**PI:** Chengxian Lin  
**MECHANICAL AND MAT ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Gas Technology Institute  
**TITLE:** Flue Gas Water Vapor Latent Heat Recovery for Pressurized Oxy-Combustion **AWARD:** \$ 90,000



**PI:** Purnima Madhivanan

**EPIDEMIOLOGY**

**Award Action Type:** Continuation

**AWARDING SPONSOR:** University of California Berkeley

**TITLE:** Global Health Fellows and Scholars Program

**AWARD:** \$ 179,561

**PI:** Kalai Mathee-Narasimhan

**COM HUMAN AND MOL GENETICS**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Institutes of Health

**TITLE:** Decoding P. aeruginosa RIP cascade and discovering its inhibitors

**AWARD:** \$ 421,190

**PI:** Maria Jose Miguez Perez

**SISH**

**Award Action Type:** Initial

**AWARDING SPONSOR:** University of Miami

**TITLE:** promote and coordinate high-impact hiv/aids research in SFL

**AWARD:** \$ 25,000

**PI:** Maria Jose Miguez Perez

**SISH**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Brown University

**TITLE:** Alcohol and HIV: Biobehavioral Interactions and Intervention

**AWARD:** \$ 13,338

**PI:** Norman D Munroe

**ENGINEERING DEANS OFFICE**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs

**TITLE:** MiamiPrep Summer Camp

**AWARD:** \$ 30,000

**PI:** Erica D Musser

**CENTER FOR CHILDREN AND FAM**

**Award Action Type:** Initial

**AWARDING SPONSOR:** American Psychological Foundation

**TITLE:** Emotional Reactivity, Regulation, and Reward in Child ADHD and Obesity

**AWARD:** \$ 1,000

**PI:** Adly Norelus

**STUDENT AFFAIRS VICE PRES OFF**

**Award Action Type:** Increase

**AWARDING SPONSOR:** Florida Department of Agriculture and Co

**TITLE:** Summer Food Service Program

**AWARD:** \$ 39,540

**PI:** Fernando Noriega

**BIOMOLECULAR SCIENCE INSTITUTE**

**Award Action Type:** Increase

**AWARDING SPONSOR:** National Institutes of Health

**TITLE:** Regulation of juvenile hormone titers in mosquitoes

**AWARD:** \$ 104,361

**PI:** William E Pelham Jr

**CENTER FOR CHILDREN AND FAM**

**Award Action Type:** Pre-Award

**AWARDING SPONSOR:** University of Pittsburgh

**TITLE:** The Development of Alcohol Use and Abuse in ADHD Adolescents

**AWARD:** \$ 41,206

**PI:** Jeremy W Pettit  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** Attention Bias Modification Training in Youth with Subthreshold **AWARD:** \$ 142,629

**PI:** Sean Antonio Prospect  
**COE COMMUNITY ENGAGEMENT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Education  
**TITLE:** Project CLAW (FIU After School All-Stars) 2015-2016 **AWARD:** \$ 270,661

**PI:** Gang Quan  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of California Riverside  
**TITLE:** CSR: Small: Collaborative Research: Making Virtualized Data Center **AWARD:** \$ 16,212

**PI:** Naphtali D Rishe  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** I/UCRC Phase II: Center for Advanced Knowledge Enablement **AWARD:** \$ 20,000

**PI:** Tonette S Rocco  
**COE LEADERSHIP AND PROF STU**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Academic Advising Association  
**TITLE:** Leaders' Perception of the Professionalization of Academic Advising **AWARD:** \$ 400

**PI:** Suzanna Rose  
**WOMENS STUDIES CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Children's Trust  
**TITLE:** TripleP4YOU **AWARD:** \$ 153,238

**PI:** Suzanna Rose  
**WOMENS STUDIES CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Children's Trust  
**TITLE:** PAT4YOU **AWARD:** \$ 234,148

**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:** \$ 92,667

**PI:** Jay Sah  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** U.S. Army Corps of Engineers  
**TITLE:** Landscape pattern - Marl Prairie/Slough Gradients **AWARD:** \$ 116,281

**PI:** Jay Sah  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Army Corps of Engineers  
**TITLE:** Landscape Pattern- Ridge, Slough, and Tree Island Mosaics **AWARD:** \$ 91,000

**PI:** Leonard Scinto  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Assessing Near-Field and Landscape Scale Ecological Effects **AWARD:** \$ 9,481

**PI:** Leonard Scinto  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Assessing Near-Field and Landscape Scale Ecological Effects **AWARD:** \$ 39,282

**PI:** Leonard Scinto  
**LIBRARY OPERATIONS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Assessing Near-Field and Landscape Scale Ecological Effects **AWARD:** \$ 54,220

**PI:** Ernest Simms  
**STUDENT ACCESS AND SUCCESS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Education Fund  
**TITLE:** FIU Center of Excellence (COE) Program 2015-2016 **AWARD:** \$ 26,000

**PI:** Sharon R Simon  
**NURSING UNDERGRADUATE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Health Resources & Services Administrati  
**TITLE:** Veterans to BSN Program **AWARD:** \$ 335,420

**PI:** Lester Standiford  
**ENGLISH**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Eckerd College  
**TITLE:** Peter Meinke Endowed Visiting Professorship in Creative Writing **AWARD:** \$ 52,000

**PI:** Joel Trexler  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Assessing Near-Field and Landscape Scale Ecological Effects **AWARD:** \$ 22,314

**PI:** Joel Trexler  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Geological Survey  
**TITLE:** Response of Fish to the DECOMP Physical Model **AWARD:** \$ 129,000

**PI:** Tiffany Troxler**SOUTHEAST ENV RESEARCH CTR****Award Action Type:** Initial**AWARDING SPONSOR:** Restore America's Estuaries**TITLE:** Blue Carbon Baseline Assessment**AWARD:** \$ 8,000**PI:** Shahin Vassigh**INST OF WATER AND ENVIRONMENT****Award Action Type:** Initial**AWARDING SPONSOR:** National Science Foundation**TITLE:** Collaborative Research: Strategies for Learning: Augmented Reality**AWARD:** \$ 201,449**PI:** Eric Wagner**FIU BRIDGE****Award Action Type:** Initial**AWARDING SPONSOR:** Substance Abuse & Mental Health Services**TITLE:** FIU-MDCPS Partnership for Preventing Health among Youth**AWARD:** \$ 283,875**PI:** Eric Wagner**SCHOOL OF SOCIAL WORK****Award Action Type:** Continuation**AWARDING SPONSOR:** University of California San Diego**TITLE:** Facilitating Self-Change for Adolescent Alcohol Problems**AWARD:** \$ 104,982**PI:** Yi Xiao**BIOMOLECULAR SCIENCE INSTITUTE****Award Action Type:** Initial**AWARDING SPONSOR:** National Institutes of Health**TITLE:** Aptamer-Based, Exonuclease-Amplified, Colorimetric, Onsite**AWARD:** \$ 337,240

## *Limited Submission Funding Opportunities*

Below are limited submission opportunities with upcoming internal deadlines. Other limited submission funding opportunities are at <http://research.fiu.edu/funding/pages/limited-submissions.html>.

Agency	Program	Institutional Submission Limits	Internal Deadline	Agency Deadline
NSF	<a href="#">Research Traineeship Program</a> NSF 16-503	Limit of 4 proposals: 2 for Traineeship Track, 2 for Innovations in Graduate Education Track	<b>11/10/2015</b>	LOI 12/9/2015; Proposal 2/9/2016
ORAU	<a href="#">Ralph E. Powe Junior Faculty Enhancement Awards</a>	Only two applications may be submitted	<b>11/13/2015</b>	1/11/2016
NIH	<a href="#">NIH Director's Early Independence Awards (DP5)</a> (RFA-RM-15-006)	Only two applications may be submitted	<b>11/13/2015</b>	1/29/2016
NIEHS	<a href="#">Outstanding New Environmental Scientist (ONES) Award (R01)</a> RFA-ES-15-020	Only one application per school or college within a university will be accepted	<b>11/23/2015</b>	LOI 1/26/16; Proposal 2/26/16
HRSA	<a href="#">Nurse Education, Practice, Quality and Retention- Inter-professional Collaborative Practice Program: Behavioral Health Integration</a> HRSA-16-068	Eligible applicant is school of nursing	<b>11/23/2015</b>	1/22/2016

Agency	Program	Institutional Submission Limits	Internal Deadline	Agency Deadline
NIGMS	<a href="#">Initiative for Maximizing Student Development (IMSD) (R25)</a> PAR-14-121	Applicant organizations may not submit more than one application per cycle	<b>11/23/2015</b>	1/25/2016
NIGMS	<a href="#">Postbaccalaureate Research Education Program (PREP) (R25)</a> PAR-14-076	One application per institution	<b>11/23/2015</b>	1/25/2016
NSF	<a href="#">Partnerships for Innovation: Building Innovation Capacity</a> NSF 15-610	2 proposals as a lead institution, preferably involving distinct application areas	<b>11/23/2015</b>	LOI 12/22/2015; Proposal 1/17/2016

## Funding Opportunities

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

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