Late last month, FIU’s Center for Advanced Technology and Education (CATE) was awarded a grant from the National Science Foundation’s (NSF) highly respected Major Research Instrumentation (MRI) Program. Through the MRI program, NSF provides funds to research-intensive learning environments, such as CATE, that promote the development of a diverse workforce, pioneer next generation instrumentation, and facilitate academic/private sector partnerships. In addition to meeting or exceeding all of NSF’s expectations for this grant program, FIU’s project received exceptionally high scores for innovation, intellectual merit, and broader impact.

At FIU, NSF funds will be used to build an integrated neuroimaging instrument with specialized software and unique hardware designs that will elicit new understanding of the functional mappings of the brain in its normal and pathology states. Building on the respective research strengths of its multidisciplinary project team, FIU’s instrumentation project focuses on epilepsy, Alzheimer’s disease, and Attention Deficit/Hyperactivity Disorder (ADD/ADHD) and related cognitive challenges, yielding large, valuable databases that will be shared with the scientific community.

Over time, it is expected that the instrument will also facilitate research applications to other neurological disorders, such as Parkinson’s disease, using novel hardware interfaces and related software modules and protocols.

FIU’s MRI project truly represents a multidisciplinary, multi-site collaboration, relying on expertise from FIU’s departments of Electrical and Computer Engineering, Computer Science, Physics, Biostatistics, and Psychology and its Herbert Wertheim College of Medicine; local research partners, including Nicklaus Children’s Hospital, Baptist Hospital, University of Miami Miller School of Medicine, Wien Center for Alzheimer’s Disease & Memory Disorders at Mount Sinai Medical Center; and national partners with which FIU has fostered enduring collaborations, including the Children’s National Medical Center (Washington D.C.) and the neurology department at Oregon Health & Science University.

The Principal Investigator on the NSF MRI grant is Malek Adjouadi, PhD, Professor of Electrical and Computer Engineering, and Director of CATE. With support from NSF and the Ware Foundation, CATE fosters a cross-disciplinary research and education program that intersects the fields of applied information processing, human/brain-computer interfaces, and neuroscience, yielding new methodologies and scientific discoveries. Since its inception in 1991, CATE has educated and trained 37 PhD students, 57 MS students, and 93 undergraduate students, a significant percentage of whom are minorities under-represented in the sciences.

CATE has also supported eight postdoctoral researchers and mentored students to obtain 10 prestigious graduate fellowships (NSF-GRFP [8 students], National Defense Science and Engineering Graduate [1], and Intel Corporation [1]).

In addition to aligning with The White House BRAIN initiative, FIU’s MRI project will advance FIU BeyondPossible2020. The consolidated infrastructure for neuroimaging created by this award will support development of new investigator-initiated funding, expand education and training opportunities for Ph.D. students and research staff/postdoctoral fellows, and generate a skilled workforce well prepared to apply engineering and computing knowledge to the fields of medicine and the biosciences.
Upcoming Events

October 2015

- October 1, 11 to 12 pm, WC-130, Network and Circuit Dysregulation in Drug Addiction: Towards an imaging biomarker for addiction, presented by Elliot A. Stein
- October 2, 9 to 10 am, EC 2300, Construction of Convenient Biosensors Based on Optical Techniques, presented by Qiaoli Yue
- October 2, 11 to 12 pm, ECS 143, Medicinal, Aromatic and Poisonous Plants, presented by Miguel Cisneros-Abreu
- October 3, 3 to 5 pm, FIU Patrician & Phillip Frost Art Museum, Panel Discussion: There are no other Everglades in the world.
- October 5, 3 to 4 pm, WC 130, Sweet on Anti-sweeteners: From Taste to Endocrine System, presented by Emeline Maillet
- October 7 and 8, Faculty Club, Faculty Mentor Program Networking Lunch—RSVP to mentor@fiu.edu
- October 9, 3 to 5 pm, PC 310, Diamonds, Plants, Agro-Mining and Remediation, presented by Stephen Haggerty
- October 14, 1 to 2 pm, AHC2 #170, Novel Contrast Mechanisms for MR Imaging of Cancer, presented by Gigi Galiana, additional information available at http://biomolecular.fiu.edu
- October 14, 2:30 to 4:30pm, CBC # 140, IRB Training—Obtaining Approval, presented by Eliza J. Gomez (ORED Research Integrity)
- October 16, 9 to 10 am, EC 2300, Intra-Operative OCT Imaging Devices for Clinical Translation, presented by Yu Chen
- October 16, 2 to 4 pm, AHC4 #402, Women Faculty Networking Event—specific details will be forthcoming for this event and available at sish.fiu.edu
- October 21, 2:30 to 4:30pm, CBC # 140, IACUC Ethics in Animal Research, presented by Eliza J. Gomez (ORED Research Integrity)
- October 23, 9 to 10 am, EC 2300, Democratization of Next-Generation Imaging, Sensing and Diagnostics Tools through Computational Photonics, presented by Aydogan Ozcan
- October 23, 12 to 1 pm, WC 103, In the War Against Solid Tumors Arsenic Trioxide Need Partners, presented by Subbarayan Pochi
- October 27, 3:30 to 4:45 pm, AHC4 #402, Faculty Mentor Program—Tips to Tenure and Promotion Workshop

November 2015

- November 4, 2:30 to 4:30pm, 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, 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 13, 9 to 10 am, EC 2300, Optical Clearing of Biological Tissues, presented by Bernard Choi
- November 18, TBD, lecture by Dr. Vahid Majidi, Deputy Assistant Secretary of Defense for Nuclear Matters
- November 20, 9 to 10 am, TBD, Microfluidic Devices and Systems: Biomedical Engineering from the Bottom Up, presented by Abraham Lee

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Awards Received—August 2015

FIU researchers were awarded $14,605,385 in August 2015. Below is a listing of awards received.

PI: Iqbal Akhtar  
RELIGIOUS STUDIES  
Award Action Type: Initial  
AWARDING SPONSOR: British Library  
TITLE: Digitization of Gujarati materials at the Zanzibar National Archives  
AWARD: $ 41,241

PI: Kemal Akkaya  
ELEC AND COMPUTER ENG  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: TWC TTP: Small: Collaborative: Privacy-Preserving Data Collection  
AWARD: $ 198,055

PI: Jose R Almirall  
INT FORENSIC RSCH INSTITUTE  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: I-Corps Team Development - Analytical Chemistry for Everyone Using CMV  
AWARD: $ 40,767

PI: Joann Arnowitz  
JEWISH MUSEUM OF FLORIDA-FIU  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Division of Cultural Affairs  
TITLE: General Operating Support for JMOF 2015-2016  
AWARD: $ 68,426

PI: Daniel Bagner  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: Child Health and Human Development  
TITLE: Internet Treatment for Behavior Problems in Preschoolers with Dev Delay  
AWARD: $ 522,201

PI: Eric Bishop-Von Wettberg  
INT’L CTR FOR TROPICAL BOTANY  
Award Action Type: Initial  
AWARDING SPONSOR: National Park Service  
TITLE: Conservation Genetics of South Florida Tephrosia  
AWARD: $ 12,607

PI: Kevin Mershon Boswell  
BIOLOGY  
Award Action Type: Initial  
AWARDING SPONSOR: Nova Southeastern University  
TITLE: DEEPEND: Deep-Pelagic Nekton Dynamics of the Gulf of Mexico  
AWARD: $ 100,561

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PI: Lakhdar Boukerrou
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: SRA International Inc.
TITLE: US EPA Scoping Mission Support AWARD: $ 5,500

PI: Heather Bracken-Grissom
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Nova Southeastern University
TITLE: DEEPEND: Deep-Pelagic Nekton Dynamics of the Gulf of Mexico AWARD: $ 136,792
PI: Henry Briceno
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: Islamorada, Village of Islands
TITLE: Water Quality Monitoring Program for the Village of Islamorada AWARD: $ 18,111

PI: Deron Burkepile
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Florida Fish and Wildlife Conservation
TITLE: Impacts of sedimentation on herbivory and the control of algal AWARD: $ 103,735

PI: Amaury A Caballero
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Public Schools
TITLE: Electrical Wiring Program for SED Students AWARD: $ 77,000

PI: Bogdan O.P. Carbunar
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: TWC: Small: Collaborative: Cracking Down Online Deception Ecosystems AWARD: $ 249,652

PI: Bogdan O.P. Carbunar
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: CSR: Small: Collaborative Research: Sensorprint: Hardware-Enforced AWARD: $ 249,652

PI: Yisell Cirion
STUDENT AFFAIRS VICE PRES OFF
Award Action Type: Continuation
AWARDING SPONSOR: Peace Corps
TITLE: Peace Corps Strategic Recruiter AWARD: $ 20,820

PI: Peter J Clarke
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
PI: Peter J Clarke  
**COMPUTER INFO SCIENCES**  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Collaborative Project: Engaged Student Learning - Design  
AWARD: $ 42,060

PI: Elizabeth Cramer  
**COE TEACHING AND LEARNING**  
Award Action Type: Initial  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Project OPERATE  
AWARD: $ 81,250

PI: Elizabeth Cramer  
**COE TEACHING AND LEARNING**  
Award Action Type: Initial  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Project OPERATE  
AWARD: $ 168,750

PI: Todd Crowl  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Increase  
AWARDING SPONSOR: National Park Service  
TITLE: Provide office services and operational technical support  
AWARD: $ 449,667

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: $ 10,000

PI: James Fourqurean  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Initial  
AWARDING SPONSOR: National Park Service  
TITLE: The South Florida Caribbean Inventory and Monitoring Network Youth  
AWARD: $ 47,536

PI: Thomas A Frankovich  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Initial  
AWARDING SPONSOR: National Park Service  
TITLE: Linkages of Water Quality, Submerged Aquatic Vegetation  
AWARD: $ 79,998

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: $ 198,661

PI: Daniel Gann  
**LIBRARY OPERATIONS**  
Award Action Type: Continuation  
AWARDING SPONSOR: National Park Service  
TITLE: The South Florida Caribbean Inventory and Monitoring Network  
AWARD: $ 18,554
PI: Gail Gregg  
COE TEACHING AND LEARNING  
Award Action Type: Initial  
AWARDING SPONSOR: Early Learning Coalition of Dade/Monroe  
TITLE: Quality Rating Improvement System 2015-2016  
AWARD: $ 955,000

PI: Mary Helen Hayden  
SCHOOL OF SOCIAL WORK  
Award Action Type: Increase  
AWARDING SPONSOR: University of Miami  
TITLE: SBIRT Collaboration  
AWARD: $ 16,000

PI: Rosemary Hickey  
EARTH AND ENVIRONMENT  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Collaborative Research: Geochemistry of IODP Site 1438  
AWARD: $ 159,014

PI: Haiyan Jiang  
EARTH AND ENVIRONMENT  
Award Action Type: Initial  
AWARDING SPONSOR: National Oceanic and Atmospheric Admin  
TITLE: Improvement and Implementation of the Probability-based  
AWARD: $ 83,277

PI: Ranu Jung  
BIOMEDICAL ENGINEERING  
Award Action Type: Increase  
AWARDING SPONSOR: National Institutes of Health  
TITLE: CRCNS: Computation-Enabled Adaptive Ventilatory Control  
AWARD: $ 173,341

PI: Ranu Jung  
BIOMEDICAL ENGINEERING  
Award Action Type: Increase  
AWARDING SPONSOR: National Institutes of Health  
TITLE: CRCNS: Computation-Enabled Adaptive Ventilatory Control  
AWARD: $ 20,742

PI: Konstantinos Kavallieratos  
ARC APPLIED RESEARCH CENTER  
Award Action Type: Increase  
AWARDING SPONSOR: Savannah River Nuclear Solutions LLC  
TITLE: Development of an Alternative Solvent Extraction Technology  
AWARD: $ 86,668

PI: Laird H Kramer  
STEM INSTITUTE  
Award Action Type: Initial  
AWARDING SPONSOR: National Science Foundation  
TITLE: Collaborative Research: Beyond Active Learning: LA  
AWARD: $ 359,774

PI: Leonel E Lagos  
ARC APPLIED RESEARCH CENTER  
Award Action Type: Supplemental  
AWARDING SPONSOR: Office of Environmental Management  
TITLE: Research Support to the DOE OEM Chemical Process Alternatives  
AWARD: $ 224,704
PI: Leonel E Lagos
**ARC APPLIED RESEARCH CENTER**
Award Action Type: Supplemental
**AWARDING SPONSOR:** Office of Environmental Management
**TITLE:** Research Support to the DOE OEM Environmental Remediation Scie 
**AWARD:** $ 224,704

PI: Leonel E Lagos
**ARC APPLIED RESEARCH CENTER**
Award Action Type: Supplemental
**AWARDING SPONSOR:** Office of Environmental Management
**TITLE:** Research Support to the DOE OEM Waste and D&D Engineering
**AWARD:** $ 370,329

PI: Leonel E Lagos
**ARC APPLIED RESEARCH CENTER**
Award Action Type: Supplemental
**AWARDING SPONSOR:** Office of Environmental Management
**TITLE:** Research Support to the DOE OEM DOE-FIU Science and Technology
**AWARD:** $ 2,963

PI: Angela Marie Richmond Laird
**PHYSICS**
Award Action Type: Increase
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Exploring the Neural Mechanisms of Physics Learning
**AWARD:** $ 212,671

PI: Thomas G Leness
**MATH AND STATISTICAL SCIENCES**
Award Action Type: Initial
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** Collaborative Research: Instantons, monopoles, and relations
**AWARD:** $ 136,637

PI: Robert Lickliter
**OFFICE OF RSCH AND ECO DEVELOP**
Award Action Type: Increase
**AWARDING SPONSOR:** General Medical Sciences
**TITLE:** MBRS Research Initiative for Scientific Enhancement: FIU MBRS
**AWARD:** $ 133,405

PI: Robert Lickliter
**OFFICE OF RSCH AND ECO DEVELOP**
Award Action Type: Increase
**AWARDING SPONSOR:** General Medical Sciences
**TITLE:** MBRS Research Initiative for Scientific Enhancement:
**AWARD:** $ 835,194

PI: Christine Lisetti
**COMPUTER INFO SCIENCES**
Award Action Type: Increase
**AWARDING SPONSOR:** National Science Foundation
**TITLE:** CHS: Small: Advanced Design Principles for Computer Simulated Agents
**AWARD:** $ 154,914

PI: Hong Liu
**EARTH AND ENVIRONMENT**
Award Action Type: Initial
**AWARDING SPONSOR:** Naples Orchid Society
**TITLE:** Preliminary study of symbiotic fungal associations at different habitats
**AWARD:** $ 1,000
PI: Purnima Madhivanan  
**EPIDEMIOLOGY**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** University of California Berkeley  
**TITLE:** Global Health Fellows and Scholars Program  
**AWARD:** $15,000

PI: Dwayne McDaniel  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Federal Aviation Administration  
**TITLE:** Effect of Surface Contamination on Composite Bond Integrity and Durability  
**AWARD:** $75,000

PI: Maria Jose Miguez Perez  
**SISH**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Pharmacotherapy for alcohol consumption in HIV Positive Women:  
**AWARD:** $20,953

PI: Maria Jose Miguez Perez  
**SISH**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** University of Florida  
**TITLE:** Southern HIV and Alcohol Research Consortium - SHARC  
**AWARD:** $20,869

PI: Maria Jose Miguez Perez  
**SISH**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Role of BNDF on Risk Behavior Decision Making  
**AWARD:** $217,467

PI: Francisco Mora  
**LATIN AMERICAN AND CARIB CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** LACC National Resource Centers (NRC) and Foreign Language  
**AWARD:** $225,000

PI: Francisco Mora  
**LATIN AMERICAN AND CARIB CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** U.S. Department of Education  
**TITLE:** Foreign Language and Area Studies (FLAS) Fellowships  
**AWARD:** $276,000

PI: Norman D Munroe  
**OSAS ENGINEERING AND COMPUTING**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Florida Agricultural and Mechanical Univ  
**TITLE:** Florida Georgia Louis Stokes for Minority Participation (FGLSAMP)  
**AWARD:** $7,500

PI: Norman D Munroe  
**OSAS ENGINEERING AND COMPUTING**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Florida Agricultural and Mechanical Univ  
**TITLE:** Florida Georgia Louis Stokes for Minority Participation (FGLSAMP)  
**AWARD:** $25,000
PI: Norman D Munroe
OSAS ENGINEERING AND COMPUTING
Award Action Type: Increase
AWARDING SPONSOR: National Action Council for Minorities
TITLE: NACME Initiative at Florida International University
AWARD: $ 500

PI: Norman D Munroe
OSAS ENGINEERING AND COMPUTING
Award Action Type: Initial
AWARDING SPONSOR: Children's Trust
TITLE: FIU -ENLACE 15-16
AWARD: $ 99,590

PI: William E Pelham Jr
CENTER FOR CHILDREN AND FAM
Award Action Type: Continuation
AWARDING SPONSOR: University of Pittsburgh
TITLE: Neural Correlates of symptoms and functioning in young adults
AWARD: $ 39,436

PI: William E Pelham Jr
CENTER FOR CHILDREN AND FAM
Award Action Type: Continuation
AWARDING SPONSOR: National Institute on Drug Abuse
TITLE: Intervention for Teens with ADHD and Substance Use
AWARD: $ 570,518

PI: Niki J Pissinou
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: Air Force Office of Scientific Research
TITLE: Using Trajectory Sensor Data Stream Cleaning to Ensure the
AWARD: $ 151,298

PI: Sean Antonio Prospect
COE COMMUNITY ENGAGEMENT
Award Action Type: Initial
AWARDING SPONSOR: Florida Department of Education
TITLE: Project PANTHER (FIU After-School All-Stars) 2015-2016
AWARD: $ 319,770

PI: Sean Antonio Prospect
COE COMMUNITY ENGAGEMENT
Award Action Type: Initial
AWARDING SPONSOR: Florida Department of Education
TITLE: Project PRIDE (FIU After School All-Stars) 2015-2016
AWARD: $ 213,750

PI: Sean Antonio Prospect
COE COMMUNITY ENGAGEMENT
Award Action Type: Initial
AWARDING SPONSOR: Florida Department of Education
TITLE: Project HOPE (FIU After-School All-Stars program) 2015-2016
AWARD: $ 273,259

PI: Sean Antonio Prospect
COE COMMUNITY ENGAGEMENT
Award Action Type: Initial
AWARDING SPONSOR: Florida Department of Education
TITLE: Project SILVER (FIU After- School All-Stars) 2015-2016
AWARD: $ 427,660
PI: Sean Antonio Prospect
COE DEANS OFFICE
Award Action Type: Initial
AWARDING SPONSOR: After-School All Stars
TITLE: Project SUPPORT (FIU After-School All-Stars) 2015-2016
AWARD: $ 14,333

PI: Jean Rahier
AFRICAN AND AFR DIAPOURA STU
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Department of Education
TITLE: Expanding and Developing African Studies at FIU
AWARD: $ 94,787

PI: Jorge Javier Riera Diaz
BIOMEDICAL ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: Collaborative Research: Cortical Spreading Depression and Ionic
AWARD: $ 165,000

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: $ 71,750

PI: Suzanna Rose
WOMENS STUDIES CENTER
Award Action Type: Initial
AWARDING SPONSOR: Children’s Trust
TITLE: TripleP4YOU
AWARD: $ 42,763

PI: Suzanna Rose
WOMENS STUDIES CENTER
Award Action Type: Initial
AWARDING SPONSOR: Children’s Trust
TITLE: PAT4YOU
AWARD: $ 58,088

PI: Michael S Ross
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: National Park Service
TITLE: Ecosystem dynamics in the White Zone: history, drivers,
AWARD: $ 102,575

PI: Jay Sah
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Initial
AWARDING SPONSOR: National Park Service
TITLE: Vegetation study within the current and adjoining potential habitat
AWARD: $ 100,000

PI: Arif Islam Sarwat
EXTERNAL PROGRAMS ENG AND COMP
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: CRISP Type 2: Collaborative Research: Towards Resilient Smart Cities
AWARD: $ 499,999

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
PI: Shimelis Ge briye Setegn  
**ENVIR AND OCCUPATIONAL HEALTH**  
Award Action Type: Continuation  
AWARDING SPONSOR: University of Puerto Rico  
TITLE: Human Impacts to Coastal Ecosystems in Puerto Rico (HICE-PR):  
AWARD: $ 37,774

PI: Ernest Simms  
**STUDENT AFFAIRS VICE PRES OFF**  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Upward Bound Math-Science 12-17: Upward Bound Math-Science  
AWARD: $ 225,269

PI: Ernest Simms  
**STUDENT AFFAIRS VICE PRES OFF**  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: Upward Bound Math-Science 12-17: Subproject  
AWARD: $ 24,694

PI: Ernest Simms  
**STUDENT ACCESS AND SUCCESS**  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Department of Education  
AWARD: $ 370,642

PI: Ernest Simms  
**STUDENT AFFAIRS VICE PRES OFF**  
Award Action Type: Continuation  
AWARDING SPONSOR: U.S. Department of Education  
TITLE: McNair 2012-2017  
AWARD: $ 230,996

PI: Philip Stoddard  
**BIOLOGY**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: Assessment of paradoxical signal reliability  
AWARD: $ 298,000

PI: Philip Stoddard  
**BIOLOGY**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: Assessment of paradoxical signal reliability  
AWARD: $ 12,000

PI: Bethany Catherine Sutherland  
**CENTER FOR CHILDREN AND FAM**  
Award Action Type: Initial  
AWARDING SPONSOR: Child Health and Human Development  
TITLE: Effects of Social Cues on Learning and Memory during Early Infancy  
AWARD: $ 72,500

PI: Joel Trexler  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Initial  
AWARDING SPONSOR: National Park Service  
TITLE: Freshwater fish monitoring in Water Conservation Area 3 and  
AWARD: $ 221,000

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PI: Joel Trexler
**SOUTHEAST ENV RESEARCH CTR**
Award Action Type: Initial
AWARDING SPONSOR: National Park Service
TITLE: Analyzing the Impact of Changing Hydrologic Conditions
AWARD: $ 158,000

PI: Ines R Triay Melendez
**ARC APPLIED RESEARCH CENTER**
Award Action Type: Increase
AWARDING SPONSOR: Vector Resources Inc
TITLE: Technical Support for VRI for NMED WIPP: Technical Support VRI
AWARD: $ 10,956

PI: Ines R Triay Melendez
**ARC APPLIED RESEARCH CENTER**
Award Action Type: Increase
AWARDING SPONSOR: Vector Resources Inc
TITLE: Technical Support for VRI for NMED WIPP: Sub-project
AWARD: $ 2,003

PI: Tiffany Troxler
**SOUTHEAST ENV RESEARCH CTR**
Award Action Type: Increase
AWARDING SPONSOR: National Park Service
TITLE: Ecological Assessment of Florida Bay and adjacent Mangrove Wetlands
AWARD: $ 148,000

PI: Elisa Trucco
**CENTER FOR CHILDREN AND FAM**
Award Action Type: Initial
AWARDING SPONSOR: Alcohol Abuse and Alcoholism
TITLE: Environment, Genes, and Temperament on the Development
AWARD: $ 167,549

PI: Feion M 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: $ 42,128

PI: Anna H Wachnicka Kosiorek
**SOUTHEAST ENV RESEARCH CTR**
Award Action Type: Initial
AWARDING SPONSOR: U.S. Geological Survey
TITLE: Effects of Sea Level Rise, Climate Variability and Humans on Coastal
AWARD: $ 35,000

PI: Chunlei Wang
**MECHANICAL AND MAT ENGINEERING**
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: 3D On-Chip Hybrid Micropower
AWARD: $ 277,695

PI: Oren Dale Williams
**BIOSTATISTICS**
Award Action Type: Continuation
AWARDING SPONSOR: National Institutes of Health
TITLE: Strengthening Indian NCD Clinical Research and Training Capacity
AWARD: $ 217,877

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PI: Ming Zhao  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: Holistic Resource Management Framework  
**AWARD:** $ 80,857

PI: Ming Zhao  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: Holistic Resource Management Framework:  
**AWARD:** $ 500

PI: Ping Zhu  
**INTERNATIONAL HURRICANE CENTER**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Oceanic and Atmospheric Admin  
**TITLE:** Understanding the impact of sub-grid scale physics in HWRF  
**AWARD:** $ 133,090

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**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](http://research.fiu.edu/funding/pages/limited-submissions.html).

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</table>
Agency Deadline: Institutional Transformation (IT): 01/20/2016 |
| NSF    | National Science Foundation Research Traineeship (NRT) Program (NSF 15-542) | 3 proposals per organization | 10/26/2015 | LOI due 12/22/2015; proposal due 2/22/2016 |
| NIH    | Neuroscience Development for Advancing the Careers of a Diverse Workforce (R25) PAR-13-256 | Only one application per institution. Note that NINDS recommends that potential applications contact NINDS program officials before preparing applications. | 10/26/15 | Option LOI due 12/26/2015; proposal due 1/26/2016 |

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**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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![FIU Logo](image)

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