

ORED hosts workshop on federal funding opportunities for academic innovators and entrepreneurs

March 2016
Issue

Upcoming Events
(page 2)

Awards Received
in January 2016
(page 2)

Funding
Opportunities
(Excel file attached)

Contact Us
(page 8)



On February 22, ORED hosted a highly-anticipated half-day workshop for academic innovators and entrepreneurs. Approximately 70 people attended the “standing room only” event. Faculty from FIU were joined by their colleagues at the University of Miami, staff from Nicklaus Children’s Hospital, managers from regional scientific institutes, and representatives from technology-based companies as they engaged with leaders from the Offices of Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) at three institutes of the National Institutes of Health. Each NIH program officer discussed valuable resources available to researchers and small business owners, including institute-specific funding opportunities, and answered questions. Two additional experts from South Florida shared information on local and regional resources available to support commercialization ventures. In the afternoon, 19 FIU faculty members met individually with the pertinent NIH

visitors to discuss the potential commercial value of his or her research activity.

Distinguished speakers included Ms. Lili Portilla, Director of the SBIR Program and Director of Strategic Alliances at the National Center for Advancing Translational Sciences (NCATS); Mr. Todd Merchak, SBIR/STTR Program Manager with the National Institute of Biomedical Imaging and Bioengineering (NIBIB); and Mr. Michael Weingarten, Director of the SBIR Development Center at the National Cancer Institute (NCI). Ms. Gina Alexis, President of The Alexis Group Consultants and former chair of BioFlorida, and Ms. Alison Tanner, Florida Institute for the Commercialization of Public Research, concluded the presentation.

The value of the educational workshop was enhanced by the numerous organizations represented at the event. In addition to faculty from FIU and UM, the packed room included scientists, staff, and leadership from Torrey Pines Institute for Molecular Studies, Miami MedTech, Nicklaus Children’s Hospital, Sanford Burnham Prebys Medical Discovery Institute, Nikao USA, and Kytaro, among others.

ORED’s Technology Management and Commercialization (TMC) unit is available to assist FIU faculty. Faculty interested in pursuing grants through the SBIR or STTR mechanisms should contact [Elizabeth Garami](#), Licensing Manager. To learn more about NSF I-CORPS opportunities, please contact [Peter Hernandez](#), Director of the TMC.



Upcoming Events

March 2016

- **March 1 & 2, 8 am to 5 pm, MARC Pavilion, 6th International Conference on Global Health.** [RSVP required](#)
- **March 3, 12 to 1 pm, AHC 4 #402, RCR—The Lab/Avoiding Research Misconduct,** please contact molinae@fiu.edu to register
- **March 3 & 4, 8 am to 6 pm, MARC Pavilion, 18th Annual Biomedical and Comparative Immunology Symposium**
- **March 4, 9 to 10 am, EC 2300, Heart Valve Development and Disease Mechanisms,** presented by [Katherine Yutzey](#)
- **March 7, 12 to 2 pm, PG5 153, My Life Managing Extraordinary Diseases,** presented by [Aileen Marty](#). [RSVP required.](#)
- **March 8, 1 to 3 pm, AHC 4 #402, Obtaining IACUC Approval,** please contact molinae@fiu.edu to register
- **March 11, 9 to 10 am, EC 2300, 3D Data,** presented by [Amir Shmuel](#)
- **March 11, 2 to 3 pm, ECS 241, Understanding, Designing and Developing Natural User Interactions for Children,** presented by [Lisa Anthony](#)
- **March 17 – 18, 10 am to 5 pm, GC Ballrooms Undergraduate Research Conference**
- **March 18, 2 to 3 pm, ECS 241, Using Process Modeling and Analysis Techniques to Reduce Errors in Healthcare,** presented by [Lori A. Clarke](#)
- **March 24, 2 to 4pm, AHC 4 #402, IRB Ethics/Ethics in Human Subjects Research,** please contact molinae@fiu.edu to register
- **March 25, 9 to 10 am, EC 2300, The Light Works: Non-invasive 3D Optical Imaging of Tissue Morphology and Microcirculations in Vivo,** presented by [Ruikang \(Ricky\) Wang](#)
- **March 25, 2 to 3 pm, ECS 241, SCIS Distinguished Women Lecture Series,** presented by [Tracy Camp](#)
- **March 30 and 31, 9 am to 5 pm, GC Ballrooms, 2016 Conference for Undergraduate Research at FIU**

April 2016

- **April 1, 9 to 10 am, EC 2300, Current Clinical Status of Tissue Engineered Vascular Grafts in Heart Surgery,”** presented by [Toshiharu Shinoka](#)
- **April 5, 10 am to 12 pm, AHC 4 #402, IRB Part 1—Obtaining Approval,** please contact molinae@fiu.edu to register
- **April 8, 12 to 1 pm, GC 277, RCR in the Digital Age,** please contact Davfelix@fiu.edu to register
- **April 13, 12:30 to 1:30 pm, AHC 4 # 402, Informed Consent,** please contact molinae@fiu.edu to register
- **April 15, 9 to 10 am, EC 2300, WHC Seminar Series** presented by [Prabir Patra](#)
- **April 15, 2 to 3 pm, ESC 241, Computational Thinking** presented by [Jeannette M. Wing](#)
- **April 20, 12 to 1:30 pm, GL 100B, RCR Data Acquisition, Management, Sharing and Ownership,** please contact Davfelix@fiu.edu to register
- **April 22, 9 to 10 am, EC 2300, WHC Seminar Series** presented by [Javier Jo](#)

May 2016

- **May 5, 1 to 2 pm, AHC 4 #402, Preparing for IACUC Site Visits,** please contact molinae@fiu.edu to register
- **May 17, 1 to 3 pm, AHC 4 #402, IRB Part 2—Managing your Approved Protocol,** please contact molinae@fiu.edu to register

Awards Received—January 2016

FIU researchers were awarded \$7,751,543 in January 2016. Below is a listing of awards received.

PI: Malek Adjouadi

ELEC AND COMPUTER ENG

Award Action Type: Initial

AWARDING SPONSOR: National Science Foundation

TITLE: Subproject MC: MRI: Development of an Integrated Neuroimaging

AWARD: \$ 1,159,308

PI: Malek Adjouadi
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: Subproject SGA: MRI: Development of an Integrated Neuroimaging **AWARD:** \$ 303,374

PI: Benjamin C Amick Iii
HEALTH POLICY AND MGMT
Award Action Type: Initial
AWARDING SPONSOR: Pan American Health Organization
TITLE: Cost-Benefit Analysis of SMART Hospitals in Four Caribbean Countries **AWARD:** \$ 209,570

PI: Benjamin C Amick Iii
HEALTH POLICY AND MGMT
Award Action Type: Initial
AWARDING SPONSOR: Institute for Work & Health
TITLE: IWH Professional Services Contract **AWARD:** \$ 124,000

PI: Joann Arnowitz
JEWISH MUSEUM OF FLORIDA-FIU
Award Action Type: Initial
AWARDING SPONSOR: City of Miami Beach
TITLE: JMOF General Support Grant FY15-16 **AWARD:** \$ 49,500

PI: Shekhar Bhansali
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: I-Corps Team: Transdermal alcohol sensor system for monitoring **AWARD:** \$ 50,000

PI: Benjamin Boesl
MECHANICAL AND MAT ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: University of Central Florida
TITLE: 2015-16 Hybrid Rocket Competition-ASME Student Team for **AWARD:** \$ 750

PI: Jeffrey Allen Boyd
COM HUMAN AND MOL GENETICS
Award Action Type: Initial
AWARDING SPONSOR: FIU Foundation
TITLE: Baptist Cancer Research Lab **AWARD:** \$ 1,219,709

PI: Brian Fonseca
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: CACI International Inc
TITLE: CERDEC Flight Activity (CFA) System Engineering Support **AWARD:** \$ 188,000

PI: F Javier Francisco Ortega
BIOLOGY
Award Action Type: Initial
AWARDING SPONSOR: Mohammed bin Zayed Species Conservation
TITLE: Conservation Action Plan for Haiti **AWARD:** \$ 10,000

PI: Stavros Georgakopoulos
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: Support for 2016 Workshop on EFRI-ODISSEI Research **AWARD: \$** 2,408

PI: Stavros Georgakopoulos
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: Participant Costs: Support for 2016 Workshop on EFRI-ODISSEI **AWARD: \$** 14,400

PI: Pedro Jose Greer
COM HUMANITIES HLTH AND SOC
Award Action Type: Initial
AWARDING SPONSOR: FIU Foundation
TITLE: The Academy **AWARD: \$** 194,098

PI: Mohammed A Hadi
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: Florida Department of Transportation
TITLE: Guidelines for the Evaluation of Ramp Signaling Deployments **AWARD: \$** 200,000

PI: Cheryl L Holder
COM HUMANITIES HLTH AND SOC
Award Action Type: Initial
AWARDING SPONSOR: FIU Foundation
TITLE: South Florida Transgender Women HIV Knowledge and Risk **AWARD: \$** 3,023

PI: Konstantinos Kavallieratos
CHEMISTRY
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: REU Site: Sensing, Monitoring, and Detection: From Molecules **AWARD: \$** 80,630

PI: Konstantinos Kavallieratos
CHEMISTRY
Award Action Type: Supplemental
AWARDING SPONSOR: National Science Foundation
TITLE: REU Site: Sensing, Monitoring, and Detection: From Molecules **AWARD: \$** 80,630

PI: Konstantinos Kavallieratos
CHEMISTRY
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: Participants: REU Site: Sensing, Monitoring, and Detection: **AWARD: \$** 219,636

PI: Konstantinos Kavallieratos
CHEMISTRY
Award Action Type: Supplemental
AWARDING SPONSOR: National Science Foundation
TITLE: Participants: REU Site: Sensing, Monitoring, and Detection **AWARD: \$** 219,636

PI: Jeremy Kiszka
INST OF WATER AND ENVIRONMENT
Award Action Type: Initial
AWARDING SPONSOR: Wildlife Conservation Society
TITLE: Conserving Sharks and Rays in the Southwest Indian Ocean **AWARD: \$** 5,000

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: Office of Environmental Management
TITLE: FIU's Research Support to the DOE OEM **AWARD: \$** 253,312

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: Office of Environmental Management
TITLE: Subproject: FIU's Research Support to the DOE OEM **AWARD: \$** 253,312

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: Office of Environmental Management
TITLE: Subproject: FIU's Research Support to the DOE OEM **AWARD: \$** 253,312

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: Office of Environmental Management
TITLE: Subproject: FIU's Research Support to the DOE OEM **AWARD: \$** 253,312

PI: Angelique R Lawrence
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Cabrera Services Inc
TITLE: GIS Mapping Support **AWARD: \$** 35,012

PI: Christine Lisetti
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: Rutgers The State University
TITLE: Interactive Virtual Training (IVT) for Early Career Teachers in High Poverty **AWARD: \$** 10,000

PI: Debra Lundy
SCH OF HOSP AND TOURISM MGMT
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: 2016 Annual Fun & Fit as a Family **AWARD: \$** 14,000

PI: Purnima Madhivanan
EPIDEMIOLOGY
Award Action Type: Increase
AWARDING SPONSOR: University of California Berkeley
TITLE: Global Health Fellows and Scholars Program **AWARD: \$** 1,138

PI: Mark A Marine
ARCHITCT AND THE ARTS DEANS OFF
Award Action Type: Initial
AWARDING SPONSOR: Florida Department of Transportation
TITLE: FDOT District VI Building envelope project **AWARD:** \$ 10,436

PI: Kalai Mathee-Narasimhan
COM HUMAN AND MOL GENETICS
Award Action Type: Initial
AWARDING SPONSOR: Sanofi Pasteur SA
TITLE: Geospatial Data and Outreach Facilitation Systems for Vaccination **AWARD:** \$ 150,000

PI: Bruce Mc Cord
CHEMISTRY
Award Action Type: Initial
AWARDING SPONSOR: National Institute of Justice
TITLE: DNA methylation analysis using High Resolution Melt for body **AWARD:** \$ 49,994

PI: Joongho Moon
CHEMISTRY
Award Action Type: Continuation
AWARDING SPONSOR: Korea Evaluation Inst of Industrial Tech
TITLE: Development of 35% lightweight CCB module for automotives using **AWARD:** \$ 41,067

PI: Madhavan P Nair
INSTITUTE OF NEUROIMMUNE PHARM
Award Action Type: Initial
AWARDING SPONSOR: National Institutes of Health
TITLE: Nano-delivery of methanandamide across BBB to block cannabinoid **AWARD:** \$ 520,084

PI: Richard Olson
EXTREME EVENTS RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: AECOM
TITLE: The New Orleans Small and Medium Enterprise (SME) Resilience **AWARD:** \$ 26,392

PI: Richard Olson
EXTREME EVENTS RESEARCH CENTER
Award Action Type: Supplemental
AWARDING SPONSOR: AECOM
TITLE: The New Orleans Small and Medium Enterprise (SME) Resilience **AWARD:** \$ 26,392

PI: Amy R Paul Ward
OCCUPATIONAL THERAPY
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Department of Education
TITLE: Preparing Occupational Therapists to Practice in Schools (POPS) **AWARD:** \$ 249,927

PI: William E Pelham Jr
CENTER FOR CHILDREN AND FAM
Award Action Type: Continuation
AWARDING SPONSOR: University of Pittsburgh
TITLE: The Development of Alcohol Use and Abuse in ADHD Adolescents **AWARD:** \$ 168,747

PI: Naphtali Rishe
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: III. Large: Collaborative Research: Moving Objects Databases for Exploration **AWARD:** \$ 16,000

PI: Jacqueline Bueno Sousa
COB DEANS OFFICE
Award Action Type: Initial
AWARDING SPONSOR: University of West Florida
TITLE: FSBDC 2016 - YR 3 **AWARD:** \$ 449,335

PI: Jacqueline Bueno Sousa
COB DEANS OFFICE
Award Action Type: Initial
AWARDING SPONSOR: University of West Florida
TITLE: PTAC: FSBDC 2016 - YR 3 **AWARD:** \$ 35,225

PI: Jacqueline Bueno Sousa
COB DEANS OFFICE
Award Action Type: Initial
AWARDING SPONSOR: University of West Florida
TITLE: STATE: FSBDC 2016 - YR 3 **AWARD:** \$ 135,374

PI: Brian R Van Hook
EXTREME EVENTS RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: AECOM
TITLE: The New Orleans Small and Medium Enterprise (SME) Resilience **AWARD:** \$ 26,352

PI: Brian R Van Hook
EXTREME EVENTS RESEARCH CENTER
Award Action Type: Supplemental
AWARDING SPONSOR: AECOM
TITLE: The New Orleans Small and Medium Enterprise (SME) Resilience **AWARD:** \$ 26,352

PI: Joanne M Youngblut
NURSING UNDERGRADUATE
Award Action Type: Continuation
AWARDING SPONSOR: National Institute of Nursing Research
TITLE: Children's Responses to Sibling Death in NICU/PICU in 3 Racial/Ethnic **AWARD:** \$ 220,139

PI: Ioannis Zisis
CIVIL AND ENVIRON ENGINEERING
Award Action Type: Supplemental
AWARDING SPONSOR: Florida Department of Transportation
TITLE: Development of a Test Method for Assessing the Performance of **AWARD:** \$ 192,656

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

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