

Upcoming Events

May 2018

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May

- ⇒ May 1, 7:30 to 10 am, Morton's Steak House Coral Gables, [*Byte-Size: Protecting your Business Against Cyber Attacks*](#), free event but [registration required](#)
- ⇒ May 1, 6 to 10:30 pm, SASC Auditorium #160, [*StartUP FIU Pitch Day—Cohort 4*](#), the event is free, but [registration is required](#)
- ⇒ May 7, 9 am to 5 pm, Fairchild Botanical Garden, [*FCE LTER Annual All Scientists Meeting*](#)
- ⇒ May 8, 9 am to 5 pm, Fairchild Botanical Garden, [*FCE LTER Annual All Scientists Meeting*](#)
- ⇒ May 12, 9 am to 1 pm, MARC 3rd floor, [*Cybersecurity: Blockchain and Emerging Technologies*](#), [registration required](#)
- ⇒ May 19, 9 am to 12:30 pm, GC Ballroom Lawn, [*FIU Out of the Darkness Campus Walk*](#)
- ⇒ May 25, 6 to 8 pm, Key Largo Murray E. Nelson Government & Cultural Center, [*CCOR Ocean Life Seminar: Keeping Pace with Rising Seas: Saltwater Intrusion and Carbon Loss from Wetlands*](#)
- ⇒ May 29, 12 to 1 pm, AHC4 #402, [*lunch and Q&As on Skin, Aging and Mitochondria*](#), presented by [Mark Birch-Machin](#)

StartUP FIU proudly invites you to its bi-annual **Pitch Day on May 1, 2018!** Please join us in witnessing this key milestone for our fourth Empower Accelerator cohort. The **Empower Accelerator Program** not only helps university faculty, staff and students, but also anyone from the community, to convert research and great ideas into scalable, viable businesses. By Pitch Day, our teams have vigorously completed the innovative 14-week Empower Accelerator program. Additionally, they participated in nearly 30 presentations and workshops, undertook critical mentoring and business advice and presented their required weekly deliverables in preparation for this pivotal day.



Commencement
April 28—May 2

StartUP FIU is a university-wide initiative to foster and develop innovation and entrepreneurship that pursues opportunities in The Fourth Industrial Revolution. These opportunities include the development of breakthrough technologies, the pursuit of enterprises that close social or environmental gaps and the creation of companies that can create meaningful jobs of the future. One of its programs, the Empower Accelerator Program, is a 14-week accelerator program, consisting of a robust curriculum, critical mentoring and business advice, and weekly team deliverables. Each week of the program is based on a theme around which lectures and events are scheduled. Successful entrepreneurs from the Miami community provide mentorship to each team. Teams meet with their mentors on a weekly basis to discuss the strategies and skills needed to advance each team's vision. Those who successfully complete the program are given the opportunity to pitch their startups to potential investors in week 14.

Awards Received—March 2018

FIU researchers were awarded \$7,622,492 in March 2018. Below is a listing of awards received:

Alluri, Priyanka

College of Engineering and Computing

Civil and Environ Engineering

U.S. Department of Transportation

Initial

Exploring the Modified Procurement Framework for Expediting Florida \$50,000

Anderson, Elizabeth

College of Arts, Sciences & Education

Earth and Environment

Wildlife Conservation Society

Initial

Development of a Citizen Science Water Sensor Network in the Amazon \$125,000

Baum, Marianna

Robert Stempel College of Public Health & Social Work

Dietetics and Nutrition

National Institute on Drug Abuse

Pre-Award

Cohort Studies of HIV/AIDS and Substance Abuse in Miami \$25,000

Baum, Marianna

Robert Stempel College of Public Health & Social Work

Dietetics and Nutrition

National Institute on Drug Abuse

Pre-Award

OMICs to define impact of cocaine on immunity and HIV persistence in treated HIV infection \$14,000

Baum, Marianna

Robert Stempel College of Public Health & Social Work

Dietetics and Nutrition

National Institute on Drug Abuse

Increase

OMICs to define impact of cocaine on immunity and HIV persistence in treated HIV infection \$14,735

Boswell, Kevin

College of Arts, Sciences & Education

Biology

National Oceanic and Atmospheric Admin

Increase

Estimating the Absolute Abundance of Red Snapper in the U.S. Gulf of Mexico \$24,484

Boyd, Jeffrey Allen

Herbert Wertheim College of Medicine

Human and Molecular Genetics

U.S. Department of Defense

Increase

Identifying Determinants of PARP Inhibitor Sensitivity in Ovarian Cancer \$17,217

Crowl, Todd Alan

College of Arts, Sciences & Education

Institute of Water and Environment

National Science Foundation

Increase

Luquillo CZO: the role of hot spots and hot moments in tropical landscape evolution \$66,411

Eirin Lopez, Jose

College of Arts, Sciences & Education

Biology

National Science Foundation

Initial

RAPID: COLLABORATIVE RESEARCH: Interaction between genotype \$102,022

Fernandez Lima, Francisco Alberto

College of Arts, Sciences & Education

Chemistry

National Science Foundation

Increase

CAREER: Development of gas-phase, post-ionization structural tools \$50,000

Fonseca, Brian

Steven J. Green School of International & Public Affairs

J Gordon Institute Public Policy & Citizenship

National Institute of Standards & Technology

Initial

National Initiative for Cybersecurity Education Annual Conference \$250,000

Furton, Kenneth G

Academic Affairs - Other Units

Provost and Exec VP Academic Affairs

Office of Naval Research

Increase

Exploring the Effects of the Generalization-Discrimination Balance and Odor \$40,000

Gaiser, Evelyn E

College of Arts, Sciences & Education

SEAS

South Florida Water Management District

Increase

Periphyton and vegetation monitoring for the adaptive management of the Upper Taylor Slough \$90,985

Gaiser, Evelyn E

College of Arts, Sciences & Education

SEAS

Everglades Foundation

Initial

FIU for Everglades Student Research Fund \$15,000

Gan, Cheng-Tin

College of Engineering and Computing

Civil and Environ Engineering

Federal Transit Administration

Initial

2018 Update and Maintenance for Rural iNTD System

\$36,519

Garcia, Orlando J

College of Communication, Architecture + The Arts

Music

Miami-Dade County Cultural Affairs

Initial

2018 New Music Miami Festival

\$2,428

Gil, Andres G

Academic Affairs - Other Units

ORED

National Institutes of Health

Increase

Florida International University-Health Disparities Initiative (FIU-HDI)

\$1,710,000

Gonzalez, Veronica

Academic Affairs - Other Units

Library Operations

Southeast Florida Library Information

Initial

Preserving and Creating Access to the Unique Sheet Music Collection of Libertad

\$3,000

Guerette, Rob T

Steven J. Green School of International & Public Affairs

Criminal Justice

U.S. Department of Justice

Supplemental

SMART Policing

\$77,511

Guilarte, Tomas R

Robert Stempel College of Public Health & Social Work

Dean's Office

Environmental Health Sciences

Initial

Cholinergic Neuron Degeneration in Manganese Neurotoxicity

\$329,625

Hadi, Mohammed A

College of Engineering and Computing

Civil and Environ Engineering

U.S. Department of Transportation

Initial

Connected Vehicle Vehicle-to-Infrastructure Support of Active Traffic Management

\$240,000

Hadi, Mohammed A

College of Engineering and Computing

Civil and Environ Engineering

U.S. Department of Transportation

Initial

FIU Professional Development & Participation in Southeastern Transportation Research

\$21,913

Harborne, Alastair

College of Arts, Sciences & Education

Biology

World Wildlife Fund

Initial

Community-based natural resource management: Indonesian case study

\$166,765

Hiller, Nathan J

College of Business Administration

Management and International Business

U.S. Secret Service

Increase

Leadership Framework for Secret Service

\$45,043

Huang, Hui

Robert Stempel College of Public Health & Social Work

School of Social Work

Florida State University

Initial

A pilot test and initial validation of a quality rating scale for Florida's residential group homes

\$30,091

Ibanez, Gladys E

Robert Stempel College of Public Health &

Social Work

Epidemiology

National Institute on Aging

Initial

The Acceptability and Feasibility of the iPad version of the NIH Neurocognitive Toolbox

\$17,392

Ibarra, Julio E

Academic Affairs - Other Units

CIARA

National Science Foundation

Continuation

IRNC: RXP: Atlantic Wave-SDX: a distributed intercontinental experimental SDX

\$110,010

Ilcheva, Maria D

Steven J. Green School of International & Public Affairs

Metropolitan Center

Citizens Independent Transportation Trust

Initial

2017-18 Citizens Independent Transportation Trust (CITT) Transportation Summit

\$23,587

Jiang, Haiyan

College of Arts, Sciences & Education

Earth and Environment

NASA Goddard Space Flight Center

Increase

The Contribution of Different Precipitation Types to the Symmetric

\$100,000

Jiao, Shuliang

College of Engineering and Computing

Biomedical Engineering

National Institutes of Health

Increase

Imaging the functional biomarker of photoreceptors

\$419,487

Kutateladze, Besiki Luka

Steven J. Green School of International & Public Affairs

Criminal Justice

John D. and Catherine T. MacArthur Foundation

Increase

Advancing Prosecutorial Fairness and Effectiveness through Data and Innovation

\$850,000

Lagos, Leonel

Academic Affairs - Applied Research Center

Office of Environmental Management

Increase

Evaluation of a Dexterous Robotic Manipulator for Semi-Autonomous Glove

\$2,198

Lau, Kingsley

College of Engineering and Computing

Civil and Environ Engineering

U.S. Department of Transportation

Initial

Development of Standard Methodology to Measure Sulfate Ions in PT Grouts

\$199,056

Marine, Mark A

College of Communication, Architecture + The Arts

CARTA Deans Off

City of North Miami Beach

Initial

City of North Miami Beach Snake Creek Canal Bridge Improvement

\$25,000

Montas-Hunter, Sonja S

Academic Affairs - Other Units

Student Access and Success

College Board Florida Partnership

Initial

2018 College Access and Readiness Experiences for Success (CARES)

\$10,000

Montas-Hunter, Sonja S

Academic Affairs - Other Units

Student Access and Success

U.S. Department of Education

Increase

TRIO Upward Bound 2017-2022

\$8,913

Montas-Hunter, Sonja S

Academic Affairs - Student Access and Success

U.S. Department of Education

Initial

EV3 Robotics 2017-2018 21st Century Community Learning Centers

\$239,377

Munroe, Norman D

College of Engineering and Computing

Mechanical and Mat Engineering

National Action Council for Minorities

Increase

NACME Initiative at Florida International University

\$30,000

Nair, Madhavan P

Herbert Wertheim College of Medicine

Immunology

National Institutes of Health

Continuation

Multifunctional Nanocarrier to Eradicate HIV from latently infected CNS

\$326,250

Nair, Madhavan P

Herbert Wertheim College of Medicine

Immunology

Florida Department of Health

Initial

Therapeutic role of Withaferin A and CRID3 in the prevention of AD

\$224,643

Palacios, Cristina

Robert Stempel College of Public Health & Social Work

Dietetics and Nutrition

Robert Wood Johnson Foundation

Initial

Transforming the Puerto Rico WIC Program to improve effectiveness

\$62,500

Papastamatiou, Yannis

College of Arts, Sciences & Education—Biology

Earthwatch Institute

Increase

Shark and ray conservation in Belize

\$22,119

Pissinou, Niki J

College of Engineering and Computing

Computer Information Sciences

National Science Foundation

Initial

RET in Engineering and Computer Science SITE: Research Experience

\$600,000

Ramella Roman, Jessica

College of Engineering and Computing

Biomedical Engineering

National Science Foundation

Supplemental

NST ERC: PATHS-UP

\$300,570

Raymond, Andrea D

Herbert Wertheim College of Medicine

Immunology

FIU Foundation

Initial

NanoString Technology to identify biomarkers of Zika Virus infection \$30,000

Rehage, Jennifer

College of Arts, Sciences & Education

Earth and Environment

U.S. Army Corps of Engineers

Increase

Role of Marsh-Mangrove Interface Habitats as Aquatic Refuges for Wetland Fishes \$81,000

Rishe, Naphtali

College of Engineering and Computing

Computer Info Sciences

National Science Foundation

Increase

REU Supplement to 800001483 \$16,000

Rogers, Jamie

Academic Affairs-Other Units

Library Operations

National Science Foundation

Initial

Hampton House History Harvest \$1,500

Sousa, Jacqueline Bueno

College of Business Administration

University of South Florida

Initial

SBDC Byte Size Program 2018 \$10,000

Sousa, Jacqueline Bueno

College of Business Administration

U.S. Small Business Administration

Increase

FL SBDC at FIU 2018 \$100,000

Tansel, Berrin

College of Engineering and Computing

Civil and Environ Engineering

Miami-Dade County Water and Sewer

Increase

Water Use Efficiency and Leak Detection \$91,141

Tsoukias, Nikolaos M

College of Engineering and Computing

Biomedical Engineering

National Institutes of Health

Continuation

Capillary control of cerebral blood flow, and its disruption in small vessel disease \$29,000

Webster, Susan E

Academic Affairs - Other Units
 UGS University Graduate School
 U.S. Department of State
 Initial

Mandela Washington Fellowship 2018

\$145,000

Funding Opportunities

ORED has a new, improved and interactive webpage for funding opportunities. Please visit <http://research.fiu.edu/funding/#current>.

Limited Submissions

Current limited submission opportunities are available at <http://research.fiu.edu/funding/limited-submissions/>.

Upcoming deadlines include:

AGENCY	PROGRAM	INSTITUTIONAL SUBMISSION LIMITS	DEADLINE FOR NOTICE OF INTENT TO APPLY	AGENCY DEADLINE
Health Resources & Services Administration	Health Careers Opportunity Program: The National HCOP Academies HRSA-18-007	One proposal per institution	4/13/18	5/29/18
Florida Department of Transportation (FDOT)	Local technical Assistance Program RFP-DOT-17/18- 003	One proposal per institution	4/11/2018	5/15/2018
Oak Ridge Associated Universities (ORAU)	ORAU Travel Grants : Faculty can request up to \$800 to facilitate travel to collaborate with researchers...	Only two proposals per FY. Contact Maureen Pelham (mpelham@fiu.edu) for additional information	Open	9/30/2018

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