



Monthly New Awards – January 2019

Azevedo, Roger

Supporting Student Planning with Open Learner Models in Middle Grades Science North
Carolina State University
\$555,038
College of Community Innovation and Education

Bradley, Eric

Marshall Space Flight Center Projects
NASA Shared Services Center
\$65,468
Florida Space Institute

Brunell, Mary Lou F.

Support of Florida Center for Nursing Activities
Florida Blue Foundation
\$106,000
College of Health Professions and Sciences

Choi, Eun M.

Small Business Development Center, University of Central Florida
University of West Florida
\$1,574,986
Office of Research and Commercialization - Small Business Development Center

Cole, Amy L. / Cole, Alexander M.

IAVI T002
Orlando Immunology Center
\$44,699
College of Medicine

Colon, Carlos J. / Chasar, David A. / Parker, Danny S. / Vieira, Robin K.

Home Appliance Natural Gas, Air Temperature and Relative Humidity Metering
The Regents of The University of California
\$676,257
Florida Solar Energy Center

Copik, Alicja

Research collaboration with CytoSen - Task Order #3
Cyto-Sen Therapeutics, Inc.
\$71,998
College of Medicine

Davidson, Victor L.

Mechanisms of Catalysis and Cofactor Biosynthesis of Redox Enzymes with Unusual Cofactors
National Institutes of Health
\$1,789,510
College of Medicine

Duranceau, Steven J.

Babson Park Water Treatment Plant No. 1 Biological Activated Carbon Filtration Process
Evaluation
Polk County
\$49,275
College of Engineering and Computer Science

Fisher, Kristina Kay

Justice and Mental Health Collaboration Program
Seminole County Sheriff's Office
\$149,072
College of Community Innovation and Education

Guido-Sanz, Francisco / Welch, Greg

Intelligent Diagnostic Trauma Algorithms for a Ruggedized Autonomous Combat Casualty Care
Capability
Soar Technology, Inc.
\$7,500
College of Nursing

Hoffman, Phil

C.P.B. Community Service Grant (2018-2020)
Corporation for Public Broadcasting
\$954,684
Division of Strategy, Marketing, Communications, and Admissions – WUCF

Hoffman, Phil

CPB Interconnection Grant FY 2019
Corporation for Public Broadcasting
\$18,180
Division of Strategy, Marketing, Communications, and Admissions – WUCF

Hoffman, Phil

C.P.B. Universal Service Support Grant (2018-2020)
Corporation for Public Broadcasting
\$13,511
Division of Strategy, Marketing, Communications, and Admissions – WUCF

Jha, Sumit K

Quantifying Model Susceptibility to Membership Inference Attacks using Information Flow and
Statistical Hypothesis Testing
National Geospatial-Intelligence Agency
\$249,701
College of Engineering and Computer Science

Keathley, Heather

Design of Effective Performance Measurement Systems for Defense and Security Organizations
Royal Military Academy (of Belgium)
\$45,478
College of Engineering and Computer Science

Lewis, Kristy

NGOMEX 2016: User-driven predictive tools to assess effects of reduced nutrients and hypoxia on living resources in the Gulf of Mexico
George Mason University
\$8,475
College of Sciences

Lyakh, Arkadiy

Two-color QCL-based pixel development
Attollo Engineering, LLC
\$350,000
NanoScience Technology Center

Nam, Eunji

Program Evaluation of DELTA - A Program for Victims of Commercial Sexual Exploitation
Devereux Florida Treatment Network
\$10,000
College of Health Professions and Sciences

O'Neal, Thomas P.

NEC: Small Business Acceleration Project
JP Morgan Chase Foundation
\$185,000
College of Engineering and Computer Science

Parks, Griffith Davis

COM Research - UCF Foundation Gifts
UCF Foundation, Inc
\$417,500
College of Medicine

Rahman, Talat S. / Turkowski, Volodymyr

Center for Molecular Magnetic Quantum Materials
University of Florida Board of Trustees
\$70,000
College of Sciences

Rajaraman, Swaminathan

Microfabrication of Pt/Ir Electrodes for Implantable Monitoring
CoreMap, Inc
\$8,270
NanoScience Technology Center

Sadmani, A. H. M. Anwar

OSMOsis-Driven ReclAmentation of Water
US Environmental Protection Agency
\$15,000
College of Engineering and Computer Science

Saleh, Bahaa

Coded-Aperture-Polarization Quantum Optical Metrology
US Air Force Research Laboratory
\$50,000
College of Optics and Photonics

Saleh, Bahaa

Coded-Aperture-Polarization Quantum Optical Metrology
Office of Naval Research
\$0
College of Optics and Photonics

**Smith, Eileen M. / Bockelman, Patricia B. / Carney, Michael A. / Hanson, Rae L. /
McDaniel, Carole Eddleman**

Schlumberger Service Order 7 (SO7): Core UCF Analysis, Planning and Concept Activities
Schlumberger Technology Corporation
\$999,985
Institute for Simulation and Training

Snaith, Sean

Orange County Economic Development Funding 2018 - 2019
Orange County Board of County Commissioners
\$208,080
Business Administration

Sohn, Yongho / Reinhart, Debra R.

MSW Combustion Ash Co-Disposal with Unburned Waste - Implications for Elevated
Temperature Landfills
Environmental Research and Education Foundation
\$140,000
Advanced Materials Processing and Analysis Center

Sonmez, Sevil

Delineating Hispanic Immigrants' Allostatic Load Dynamics through Systems Modeling
National Institute on Minority Health and Health Disparities
\$470,425
Business Administration

Steiner, Mark W.

ULA-Student Partnering Project
United Launch Alliance, LLC
\$20,000
College of Engineering and Computer Science

Stevens, Kelly Ann / Carroll, Deborah Anne

The Impact of a Revenue Neutral Carbon Tax on Substitution of Natural Gas for Coal in the Electricity Sector

Alliance for Market Solutions

\$50,000

College of Community Innovation and Education

Striler, Jamie / Shoss, Mindy Michelle / Zhao, Xinyue

Evoking Job Insecurity to Experimentally Test its Impact on Stress and Generosity University of South Florida

\$4,363

College of Science

Sun, Wei / Qi, Junjian

Developing Cybersecurity Laboratory and Curriculum for Critical Energy Infrastructure

University of South Florida

\$50,000

College of Engineering and Computer Science

Troche, Joshua E.

McKnight Junior Faculty Development Fellowship Program

Florida Education Fund

\$15,000

College of Health Professions and Sciences

Welch, Greg / Bruder, Gerd

Blended Reality Solution for Live, Virtual, and Constructive Field Training, Phase 2

SA Photonics

\$107,479

College of Nursing

Wu, Shin-Tson

Broadband Optical Shutter

Microsoft Corporation

\$25,000

College of Optics and Photonics

Xu, Yunjun

Mechanical Picker for Strawberry Harvesters

Florida Department of Agriculture and Consumer Services

\$232,189

College of Engineering and Computer Science