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 Reclamation 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