Monthly New Awards – November 2018

Al-Deek, Haitham M.
Phase-1: A Roadway Context Classification Approach for Developing Safety Performance Functions and Determining Traffic Operational Effects for Florida Intersections
Florida Department of Transportation
$229,999
College of Engineering and Computer Science

Alvarez, Sergio
Assessment of Losses and Damage to Florida Agriculture from Hurricane Michael Florida Department of Agriculture and Consumer Services
$14,583
Faculty Cluster Initiative

Bridge, Candice M.
Analysis and Characterization of Smokeless Powders and Smokeless Powder Residues
National Institute of Justice
$150,000
College of Sciences

Chernyak, Leonid
Optical and elemental characterization of Ohmic contacts to n-type AlGaN/GaN structures
Government of Israel: Ministry of Defense
$50,064
College of Sciences

Choi, Eun M.
SBDC Lake County
Lake County
$150,000
Office of Research and Commercialization

Choi, Eun M.
SBDC Kissimmee
Kissimmee/Osceola County Chamber of Commerce
$60,000
Office of Research and Commercialization

Christodoulides, Demetrios N. / Khajavikhan, Mercede
Advanced Symmetry Concepts and their Violation in Composite Photonic Structures
Wesleyan University
$74,886
College of Optics and Photonics
Colon, Carlos J. / Chasar, David A. / Parker, Danny S. / Vieira, Robin K.
Home Appliance Electricity, Air Temperature and Relative Humidity Metering
The Regents of The University of California
$1,923,106
Florida Solar Energy Center

Crabbs, Robert F.
Operations Support for CHOMPTT CubeSat Mission
University of Florida Board of Trustees
$50,608
College of Optics and Photonics

Crabbs, Robert F.
UTC Aerospace Testing at SLF
Cloud Cap Technology
$14,080
College of Optics and Photonics

Dawson, Nicole Therese / Stock, Matt S.
Investigating the Unique Predictors of Comfortable and Fast Gait Speed in Community Dwelling Older Adults
The Learning Institute for Elders
$7,300
College of Health Professions and Sciences

Diaz, Desiree A.
Barriers to Healthcare for the Transgender Population
UCF Foundation, Inc
$1,000
College of Nursing

Dieker, Lisa A. / Vasquez, Eleazar
Preparing Next Generation Special Education Leadership Scholars: LEAD NEXT
US Department of Education
$250,000
College of Community Innovation and Education

Emrich, Christopher / Alvarez, Sergio
Hurricane Irma Needs Assessment Updates and Amendments, 2nd Allocation
Florida Department of Economic Opportunity
$20,000
College of Community Innovation and Education

Emrich, Christopher / Zhou, Yao
Updates and Revisions to the Florida Public Health Risk Assessment Tool
Florida Department of Health
$99,999
College of Community Innovation and Education
Flitsiy, Elena
WebAssign Course Royaties
Cengage Learning, Inc.
$2,588
College of Sciences

Foroosh, Hassan
NASA GOLD Mission Science Data Center
University of Colorado at Boulder
$99,127
College of Engineering and Computer Science

Garibay, Ivan I.
Microsoft Azure Credit-NSF BDHub network
Microsoft Corporation
$60,000
College of Engineering and Computer Science

Garibay, Ivan I. / Hughes, Charles E.
Disney-UCF Lifelong Learning Program: A New paradigm in STEM and Business Workforce Development
Walt Disney Attractions Technology LLC
$398,000
College of Engineering and Computer Science

Gonzalez, Laura
Understanding the Healthcare Experiences of Deferred Action for Childhood Arrivals
UCF Foundation, Inc
$500
College of Nursing

Gryglewicz, Kimberley Ann / Fisher, Kristina Kay
Central Florida Pathways to Awareness, Support & Services
Substance Abuse and Mental Health Services Administration
$375,000
College of Health Professions and Sciences

Guo, Zhaomiao
Impacts of Electrified Sharing Economy on Transportation and Energy Systems
UChicago Argonne, LLC / Argonne National Laboratory
$90,000
College of Engineering and Computer Science

Harris, Shana
The Last Resort: Medical Travel and Drug Treatment with Ibogaine in Mexico
Wenner-Gren Foundation
$18,150
College of Sciences
Hawkins, Christopher V. / Fennessy, Roberta Andrade / Yu, Chia-Yuan
Lake County Master Plan Study
Lake County
$30,000
College of Community Innovation and Education

Hickman, James Joseph / Guo, Xiufang
Development of an integrated 4-organ animal model
Hesperos, Inc
$58,911
NanoScience Technology Center

Jex, Steve / Horan, Kristin Alyssa / Su, Shiyang
The Training Solution: Increasing ADD Awareness in the Workplace
Attention Deficit Disorder Association
$9,395
College of Sciences

Kapat, Jayanta S. / Fernandez, Erik Julio
SEC Project on Advanced Cooling for Gas Turbines
Siemens Energy, Inc.
$95,062
College of Engineering and Computer Science

Lee, Woo Hyoung / Cho, Hyoung Jin / Hwang, Jae-Hoon
A Biopolymer-based Simple Lead Check in Tap Water
US Environmental Protection Agency
$15,000
College of Engineering and Computer Science

Little, Mary E. / Edwards, Oliver W.
Project Bridges: Interdisciplinary Preparation in Special Education
US Department of Education
$250,000
College of Community Innovation and Education

Little, Mary E. / Hahs-Vaughn, Debbie L.
Enhancing Quality in Teacher Preparation in Mathematics within Urban Partnerships
US Department of Education
$3,001,406
College of Community Innovation and Education

Lobo Fenoglietto, Fluvio Luis
Patient-Centered Design, Validation and Manufacturing of 3D-Printed Medical Devices
Elizabeth Morse Genius Foundation
$125,000
Institute for Simulation and Training
Mansfield, Katherine / Seney, Erin E.
Development of an animal tracking tag for biological research: refractive index for rapid georeferenced salinity measurements over a wide dynamic range.
SRI International
$12,000
College of Sciences

Marino, Matthew Todd / Dieker, Lisa A. / Vasquez, Eleazar
Technology Enhanced Learning Enabled by Partner Organizations, Research, and Teaching Success: TELEPORTS
US Department of Education
$250,000
College of Community Innovation and Education

Martin, Eric D. / Withers, Charles R.
Estimating Internal Moisture Generation Rates in Occupied, New Homes in Hot Humid and Mixed Humid Climates
American Society of Heating, Refrigerating and Air-Conditioning Engineers
$142,378
Florida Solar Energy Center

Mohaisen, Abedelaziz Aziz
Data Provenance Assurance in Cloud using Block Chain
Old Dominion University Research Foundation
$52,973
College of Engineering and Computer Science

Mohaisen, Abedelaziz Aziz
Development of Curriculum and Hands-on Labs for Mobile Computing Security
Florida Polytechnic University
$36,250
College of Engineering and Computer Science

O'Neal, Thomas P.
Joint Project to Promote U.S. Exports
US Department of Commerce
$17,000
College of Engineering and Computer Science

O'Neal, Thomas P.
Research Support Contributions
Various
$515
College of Engineering and Computer Science

Pang, Shuo
Parallel Camera
Aqueti
$5,587
College of Optics and Photonics
Periasamy, Muthu
Periasamy Startup
Sanford Burnham Prebys Medical Discovery Institute
$400,000
College of Medicine

Pourmohammadi Fallah, Yaser
Energy Demand Data Analysis
City of Orlando
$5,000
College of Engineering and Computer Science

Renk, Kimberly D.
Pine Hills Preschool Project-Year 2: Creating Attachment-Infused Classrooms
Early Learning Coalition of Orange County
$40,376
College of Sciences

Roy, Tania
Characterization and Modeling of Artificial Neurons and Synapses
BAE Systems
$20,819
NanoScience Technology Center

Schultz, John J.
Forensic Anthropology Technical Expertise
Orange County Board of County Commissioners
$6,000
College of Sciences

Seal, Sudipta
Northrop Grumman Collaboration
Northrop Grumman Systems Corporation
$15,000
Advanced Materials Processing and Analysis Center

Vasquez, Eleazar / Towson, Jacqueline Anne
Preparing Special Education Teachers and Speech-Language Practitioners in Autism Spectrum Disorders
US Department of Education
$1,249,999
College of Community Innovation and Education

Walters, Linda J.
Microplastics, Oysters and the Indian River Lagoon
Indian River Lagoon Council
$99,797
College of Sciences
Winston, Haley
Volunteer Florida Agreement
Volunteer Florida
$17,582
Student Development and Enrollment Services

Wu, Shin-Tson
Smart Windows for Automotive Applications
Shadevision GmbH
$180,000
College of Optics and Photonics