Monthly New Awards - January 2020

Abou-Senna, Hatem | Radwan, Ahmed
Determining Sample Measures of Distracted Driving, Distracted Pedestrian Activities and Impacts of Such Behavior on Traffic Operations at Signalized Intersections
Florida Department of Transportation
$370,888
College of Engineering and Computer Science

Assefzadeh, Mahdi
Research Experiences for Undergraduates in Electronic-Photonic Terahertz Integrated Systems
Southeastern Center for Electrical Engineering Education
$5,000
College of Engineering and Computer Science

Awad, Amro
Using Emerging Non-Volatile Memories On Disaggregated Memory Systems
Sandia National Labs
$50,000
College of Engineering and Computer Science

Bagci, Ulas
Amin Ullah Bench Fee
Higher Education Commission
$3,500
Center for Research in Computer Vision

Bishop, Louise Kane
Literature the Consoler: The Humanities as Mental Health Aid
Florida Humanities Council
$5,000
College of Arts and Humanities

Chernyak, Leonid
Optical and Elemental Characterization of Ohmic Contacts to N-Type A1GaN/GaN Structures
Government of Israel Ministry of Defense
$80,000
College of Sciences

Choi, Hwan | Guo, Zhishan
Development of Rehabilitation Integrated Real Time Control Ankle Foot Orthosis Algorithm
Korea University Research and Business Foundation
$50,000
College of Engineering and Computer Science
**Copik, Alicja**  
Research Collaboration with CytoSen  
Kiadis Pharma Netherlands B.V.  
$470,124  
College of Medicine

**Cordova, Francisco | Brum, Christiano**  
Restoration of Scientific Capabilities at the Arecibo Observatory After the Impact of Hurricane Maria  
National Science Foundation  
$1,000,000  
Florida Space

**Crabbs, Robert**  
SLF Testing, SIREN Program  
MZA Associates Corporation  
$175,362  
College of Optics and Photonics

**Eluru, Naveen | Tice, Patricia**  
Identifying Mental Frameworks Underlying Driver Behavior in Urban Contexts  
Florida Department of Transportation  
$222,800  
College of Engineering and Computer Science

**Fenaughty, Karen | Colon, Carlos**  
Department of Energy Connected Heat Pump Water Heater Field Study  
Battelle Memorial Institute  
$52,990  
Florida Solar Energy Center

**Gu, Lixing | Nigusse, Bereket | Raustad, Richard**  
Whole-Building Modeling and Simulation Software Development  
Alliance Sustainable Energy LLC/NREL  
$240,000  
Florida Solar Energy Center

**Hawthorne, Timothy**  
Drone Mapping with Orange County Utilities  
Orange County Board of County Commissioners  
$98,932  
College of Sciences

**Hoffman, Phil**  
WUCF Asian Americans Series  
WETA  
$10,000  
Communications and Marketing
Hoffman, Phil
WUCF Finding Your Roots with Henry L. Gates, Jr.
WETA
$5,000
Communications and Marketing

Hoffman, Phil
WUCF Be My Neighbor Day 2020 Video Opportunity
Fred Rogers Productions
$1,500
Communications and Marketing

Kassab, Alain
Orlando Health Donation for Kassab
Orlando Health Foundation
$25,000
College of Engineering and Computer Science

Kilbride, Mike
Winter Springs Incubator City Funding 2019-2020
City of Winter Springs
$75,000
Presidential Division

Kilbride, Mike
Volusia County Business Incubator Client Showcase 2019
Various
$500
Presidential Division

Lindsey, Shannon
Pegasus Hotel, LLC 2019 Student Art Exhibit Sponsorship
Pegasus Hotel LLC
$17,500
College of Arts and Humanities

Logue, CarolAnn Dykes
Orange County Economic Development Funding 2018 - 2019
Orange County Board of County Commission
$811,824
Presidential Division

Mackie, Kevin
AISC Steel Bridge Donation - Mackie
American Institute of Steele Construction
$500
College of Engineering and Computer Science
Martin, Glenn  
Research and Development Support for Game-Based and Mobile Training  
Naval Air Warfare Center Training Systems Division  
$78,000  
Institute for Simulation and Training

Metzger, Philip  
Benchmarking GGFS Granular Flow Solver for Rocket Exhaust Plume Effects  
CFD Research Corporation  
$4,999  
Florida Space Institute

Qu, Zhihua | Qi, Junjian | Sun, Wei  
UCF Long-Duration Energy Storage Study  
Duke Energy Business Services, LLC  
$70,441  
College of Engineering and Computer Science

Rajaraman, Swaminathan | Sharanowski, Barbara  
Pest Detection System  
BRIDG  
$140,900  
NanoScience Technology Center

Raustad, Richard | Colon, Carlos | Nigusse, Bereket  
AGDF Model Costs and Equipment for the Associated Gas Distributors of Florida  
Associated Gas Distributors of Florida  
$19,214  
Florida Solar Energy Center

Reinerman, Lauren  
Donation for CyberTRAINsitions Workshop  
Various  
$600  
Institute for Simulation and Training

Renk, Kimberly  
Using Circle of Security-Parenting in the Child Welfare System  
Tracking Changes in Attachment-Focused Parenting in Families with Young Children  
Embrace Families Community Based Care, Inc.  
$20,000  
College of Sciences

Rohde, Kyle  
Development of A Narrow Spectrum Anti-Tubercular Agent for Tuberculosis Therapy  
L2 Diagnostics, LLC  
$33,276  
College of Medicine
Sadmani, Anwar
Water Reclamation in Space Missions using Polyelectrolyte Multilayer-Assisted Zero-Valent Iron Nanoparticle-Immobilized Forward Osmosis
Florida Space Grant Consortium
$20,000
College of Engineering and Computer Science

Schneider, Kimberly
Valencia Engaging for Completion Through Opportunities in Research
Valencia College
$6,698
Academic Affairs Administration

Seal, Sudipta
Develop Stable, Biodegradable Ligand-Coated Nanoparticle
Aviceda Ophthalmics, Inc.
$50,000
Advanced Materials Processing and Analysis Center

Shah, Mubarak
Estimating Geospatial Trajectories of Videos Using Cross-View Image Matching
National Geospatial-Intelligence Agency
$200,000
Center for Research in Computer Vision

Song, Sang-Eun
Concept Design of Orthognathic Surgery Alignment Robot
Techfit Digital Surgery
$5,591
College of Engineering and Computer Science

Southwell, Amber
Preclinical Assessment of Combination Anti-Semaphorin 4D Immunotherapy and Huntingtin Suppression
Vaccinex, Inc.
$297,319
College of Medicine

Tang, Larry
Statistical Methods in Natural Language Processing and Disability Determination
National Institutes of Health
$53,240
College of Sciences

Vasu Sumathi, Subith
Vasu Microsoft Fellowship
Duke University
$100,000
College of Engineering and Computer Science
Vasu Sumathi, Subith
Hanson Collaborative - Service Agreement
Hanson Collaborative
$3,500
College of Engineering and Computer Science

Watson, Keri
The Florida Prison Education Project: Planning Grant
Laughing Gull Foundation
$60,000
College of Arts and Humanities

Yuan, Jiann-Shiun
Machine Learning for Smart Semiconductor Manufacturing and 3D IC Design
Tokyo Electron Limited
$120,000
College of Engineering and Computer Science