Monthly New Awards - January 2018

Ahmed, Kareem A. / Vasu Sumathi, Subith
Advanced Cost-effective Coal-Fired Rotating Detonation Combustor for High Efficiency Power Generation
US Department of Energy/National Energy Technology Laboratory
$999,914
College of Engineering and Computer Science - Center for Advanced Turbomachinery and Energy Research (CATER) - Mechanical and Aerospace Engineering

Beidel, Deborah Casamassa
UCF LBR - UCF Restores - PTSD Clinic for Florida Veterans and First Responders
State of Florida
$1,500,000
College of Sciences – Psychology

Choi, Eunice M.
2018 Small Business Development Center
University of West Florida
$837,041
Office of Research and Commercialization - Small Business Development Center

Choi, Eunice M.
SBDC Advisory Board Council (2016-2017)
Orange County Board of Commissioners
$102,000
Office of Research and Commercialization - Small Business Development Center

Choi, Eunice M.
SBDC (2017-2018)
Orange County Board of Commissioners
$102,000
Office of Research and Commercialization - Small Business Development Center

Dove, Adrienne Rathert
Phase II Plasma Charging Study, High Speed Data Acquisition System
a. i. solutions, Inc.
$49,783
College of Sciences – Physics
College of Engineering and Computer Science - Mechanical and Aerospace Engineering
Emrich, Christopher
Impact and Unmet Needs Assessment - Irma & Maria
Florida Department of Economic Opportunity
$32,947
College of Health and Public Affairs - Public Administration / Faculty Cluster Initiative - Sustainable Coastal Systems

Emrich, Christopher
Services Agreement for Mapping of Social Vulnerability Index for Hurricane Harvey
OXFAM America
$14,040
College of Health and Public Affairs - Public Administration / Faculty Cluster Initiative - Sustainable Coastal Systems

Fisher, Kristina Kay
Justice and Mental Health Collaboration Program
Seminole County Sheriff's Office
$43,220
College of Health and Public Affairs - Criminal Justice

Garibay, Ivan I. / Hughes, Charles E.
Disney-UCF Lifelong Learning Program: Deep Learning Intrapreneurship Pilot
Walt Disney Attractions, Inc. (Disney)
$397,479
College of Engineering and Computer Science - Industrial Engineering and Management Systems / Department of Computer Science

Gaume, Romain
Optical Ceramic Science for High-Power Lasers
U.S. Air Force Office of Scientific Research
$390,000
College of Optics and Photonics - CREOL

Georgiopoulos, Michael
FLIT-YES: BBA
BBA Aviation USA Inc.
$10,000
College of Engineering and Computer Science

Georgiopoulos, Michael
FLIT-YES: Dicapta
Dicapta
$10,000
College of Engineering and Computer Science
Georgiopoulos, Michael
FLIT-YES: VGlobal
VGlobalTech
$7,259
College of Engineering and Computer Science

Gu, Lixing
EnergyPlus Whole-Building Modeling and Simulation Software Development Task 4.1.1
National Renewable Energy Laboratory
$60,000
Florida Solar Energy Center

Guido-Sanz, Francisco / Welch, Greg
Handoffs for Joint Service Casualty Care
Soar Technology, Inc.
$59,763
College of Nursing

Hara, Tadayuki
Japanese Government Advisory to Egyptian Government in Tourism Planning
Ministry of Foreign Affairs of Japan
$2,000
Rosen College of Hospitality Management - Dick Pope, Sr. Institute

Hofler, Richard A.
A Novel Pregnancy Prevention Intervention for Latina Middle School Girls
University of Miami
$103,740
Business Administration – Economics

Kwok, Ka Wai
Viscoelastic Modeling and Characterization of Thin-Ply Composites
NASA Shared Services Center
$80,178
College of Engineering and Computer Science - Mechanical and Aerospace Engineering

Liu, Fei
Automatic Text Summarization Using Deep Neural Networks
Bosch Research
$22,300
College of Engineering and Computer Science - Department of Computer Science

Mansy, Hansen
A Device for Monitoring Heart Failure Patients
Biomedical Acoustics Research Company
$535,764
College of Engineering and Computer Science - Mechanical and Aerospace Engineering
**McClellan, Tammie L.**
SISO 2018
Simulation Interoperability Standards Organization, Inc. (SISO)
$129,324
Institute for Simulation and Training

**Moreto, William De Jesus**
2017-2018 UCF Student Support for the Orange County Sheriff’s Office
Orange County Sheriff’s Office
$69,312
College of Health and Public Affairs - Criminal Justice

**Mousseau, Demet**
The Victimization and Human Rights Violations of Women and Children in Kurdish Conflict in Turkey
Gerda Henkel Stiftung
$28,244
College of Sciences - Political Science

**Oloufa, Amr A.**
Effect of Real-time Traffic Data on Truck Diversion Routing on I-75
Florida Department of Transportation
$249,285
College of Engineering and Computer Science - Civil, Environmental, and Construction Engineering

**O'Neal, Thomas P.**
FL Virtual Entrepreneur Center (2017-2018)
Orange County Board of Commissioners
$7,500
College of Engineering and Computer Science - Industrial Engineering and Management Systems / Office of Research and Commercialization

**Pourmohammadi Fallah, Yaser**
C-V2X Scalability Simulation Study
Ford Motor Company
$105,338
College of Engineering and Computer Science - Department of Electrical and Computer Engineering

**Schoenfeld, Winston V.**
Ultraviolet III-Nitride Avalanche Photodiodes formed by a Selective HfN Substrate Release Layer
Lightwave Photonics, Inc.
$45,000
College of Optics and Photonics
Seal, Sudipta
Northrop Grumman Collaboration-University Industrial Affiliations Program
Northrop Grumman Corporation
$15,000
Advanced Materials Processing and Analysis Center / College of Engineering and Computer Science - Materials Science and Engineering

STEM Transfer Students Opportunity for Nurtured Growth (STRONG)
National Science Foundation
$999,994
Center for Research in Computer Vision / College of Education and Human Performance - School of Teaching, Learning and Leadership / College of Engineering and Computer Science - Civil, Environmental, and Construction Engineering - Department of Computer Science - Department of Electrical and Computer Engineering - Mechanical and Aerospace Engineering / College of Sciences - Mathematics / Student Development and Enrollment Services - VP Division of Operations

Shah, Mubarak A. / Qi, GuoJun / Rahnavard, Nazanin
Subcontract on Deep Intermodal Video Analytics (DIVA)
University of Maryland/College Park
$576,000
Center for Research in Computer Vision / College of Engineering and Computer Science - Department of Computer Science - Department of Electrical and Computer Engineering

Singla, Dinender Kumar
Amelioration of Doxorubicin Induced Muscle Dysfunction with Embryonic Stem Cells-Derived Exosomes
National Cancer Institute
$557,264
College of Medicine - School of Biomedical Science

Snaith, Sean
Institute for Economic Competitiveness (2017-2018)
Orange County Board of Commissioners
$204,000
Business Administration - Institute for Economic Competitiveness

Thomas, Jayan
Supercapacitors for Power Supplies
National Collegiate Inventors and Innovators Alliance
$20,000
NanoScience Technology Center
Toyne, Jennifer Marla
Stable Isotope Analysis
Various
$2,641
College of Sciences - Anthropology

Vasu Sumathi, Subith
Chemical Kinetic Pathway Effects in Turbulent Reacting Flows
Reaction Systems, Inc.
$250,000
College of Engineering and Computer Science - Center for Advanced Turbomachinery and Energy Research

Wang, Liqiang
DURIP: Efficient Hierarchical Big Data Computing System
Office of Naval Research
$154,184
College of Engineering and Computer Science - Department of Computer Science

Wisniewski, Pamela
Usability Testing for Bogen Communications, Inc.
Bogen Communications, Inc.
$22,370
College of Engineering and Computer Science - Department of Computer Science

Zhang, Shaojie
RESULTS: Reverse Engineering Solutions on Ubiquitous Logic for Trustworthiness and Security
University of Florida Board of Trustees
$220,000
College of Engineering and Computer Science - Department of Computer Science