Monthly New Awards - August 2017

Ahmed, Kareem A.
Phase I: Azimuthal Mode Analysis Rig
Siemens Energy, Inc.
$54,500
College of Engineering and Computer Science - Center for Advanced Turbomachinery and Energy Research / Mechanical and Aerospace Engineering

Arnold, Elizabeth M.
A Comprehensive Community-based Strategy to Optimize the HIV Prevention and Treatment Continuum for Youth At HIV Risk, Acutely Infected and with Established HIV Infection
University of California, Los Angeles
$139,014
College of Health and Public Affairs - Social Work

Behal, Aman
University Professor Engagement: Scouting Area of Cobotics
Siemens Energy, Inc.
$35,280
College of Engineering and Computer Science - Electrical and Computer Engineering / NanoScience Technology Center

Bridge, Candice M.
Forensic Science Education for Central Florida Attorneys
Orlando Public Defenders Office
$70,173
College of Sciences - Chemistry / National Center for Forensic Science

Burke, Shawn
Unpacking the Nature of Team Resilience and the Role of Leadership: Looking Across Levels
U.S. Army Contracting Command
$300,000
Institute for Simulation and Training - Human Systems Integration Research

Carroll, Deborah Anne / Gau, Jacinta Michelle / Moreto, William De Jesus
Osceola County Sheriff’s Office Study of Personnel Needs
Osceola County Sheriff’s Office
$66,968
College of Health and Public Affairs - Criminal Justice / Public Administration
Chakrabarti, Debopam / Yuan, Yu
Discovery of Antimalarials with Novel Mechanism of Action
National Institute of Allergy and Infectious Diseases
$363,470
College of Medicine - School of Biomedical Science / College of Sciences - Chemistry

Chase, Susan / Hicks, Maxine
The Mind Body Exercise Study
UCF Foundation, Inc.
$826
College of Nursing - Department of Graduate Studies / Nursing

Christodoulides, Demetrios N. / Khajavikhan, Mercedeh
Non-Hermitian Topological Photonics
United States-Israel Binational Science Foundation
$33,000
College of Optics and Photonics – CREOL

Coronado, Katidia B. / Kight, Erica Mia / Sandoval, Jennifer A.
A Study Abroad Project for Multimedia Production and Communication Students University of Central Florida and University of Cienfuegos
100K Strong in the Americas
$24,999
College of Sciences - Nicholson School of Communication

Dechev, Damian
Transactional Lock-free Data Structures
National Science Foundation
$400,000
College of Engineering and Computer Science - Computer Science

Donley, Amy M.
Robert Wood Johnson Foundation
$120,000
College of Sciences – Sociology

Duranceau, Steven J.
Hodge Street Public Water System Disinfection By-Product Reduction Study
Polk County
$49,527
College of Engineering and Computer Science - Civil, Environmental, and Construction Engineering

Hoffman, Phil
Community Service Grant- FY 2018
Florida Department of Education
$307,447
Division of Strategy, Marketing, Communications, and Admissions
Hoffman, Phil
General Program Support for WUCF-TV 2017-2018
UCF Foundation, Inc.
$46,339
Division of Strategy, Marketing, Communications, and Admissions

Hoffman, Phil
WUCF: Cook’s Country Local Promotion Initiative
America's Test Kitchen
$8,000
Division of Strategy, Marketing, Communications, and Admissions

Jin, Yier / Zou, Changchun
Online Digital Forensics Courses and Labs for Students and Professionals
National Science Foundation
$298,955
College of Engineering and Computer Science - Computer Science / Electrical and Computer Engineering

Jin, Yier / Zhang, Shaojie
RESULTS: Reverse Engineering Solutions on Ubiquitous Logic for Trustworthiness and Security
National Science Foundation (NSF)
$452,177
College of Engineering and Computer Science - Computer Science / Electrical and Computer Engineering

Jin, Yier / Zhang, Teng
Security Certification of Autonomous Cyber-Physical Systems
National Science Foundation
$298,955
College of Engineering and Computer Science - Electrical and Computer Engineering / College of Sciences – Mathematics

Kapat, Jayanta S.
University Professor Engagement: Siemens Relevance Lead
Siemens Energy, Inc.
$35,280
College of Engineering and Computer Science - Center for Advanced Turbomachinery and Energy Research

Kauffman, Jeffrey
University Professor Engagement: Scouting Area of Sensorization and Monitoring
Siemens Energy, Inc.
$35,280
College of Engineering and Computer Science - Mechanical and Aerospace Engineering

Kourova, Alla V. / Santana, Maria C.
Building Bridges with Language and Culture in Russia
U.S. Department of Education
$91,795
College of Arts and Humanities - Arts Dean's Office / Modern Languages and Literatures
Lee, Woo Hyoung / Sadmani, A. H. M. Anwar
Bacterial Enumeration and Bacterial Endotoxin Testing
Mainstream Engineering Corporation
$11,500
College of Engineering and Computer Science - Civil, Environmental, and Construction Engineering

Lin, Mingjie
University Professor Engagement: Scouting Area of Artificial Intelligence and Deep Learning
Siemens Energy, Inc.
$35,280
College of Engineering and Computer Science - Electrical and Computer Engineering

Mohaisen, Abedelaziz Aziz
Big Data Approach to Analyzing, Characterizing, and Defending Against the Distributed Denial of Service Attacks.
Inha University
$301,602
College of Engineering and Computer Science - Computer Science / Faculty Cluster Initiative - Cyber Security and Privacy

Morgan, Jeffrey
SHSGP Mass Notification - Buildings 16A and 16E Emergency Indoor Notification System
Florida Department of Education
$47,535
Administration and Finance - Facilities and Safety

Neupane, Madhab
Illuminating Emergent Quantum Materials by Attosecond Pulses
U.S. Air Force Office of Scientific Research (AFOSR)
$174,230
College of Sciences – Physics

O’Neal, Sabine
IMEC Assignment for Sabine Freisem O’Neal, PhD
IMEC
$114,636
Office of Research and Commercialization

O’Neal, Thomas P. / Garibay, Ivan I. / Metcalf, David S.
UCF I-Corps Site - Enhancing Technology Commercialization to Develop a World-Class Innovation Ecosystem
National Science Foundation
$99,624
College of Engineering and Computer Science - Industrial Engineering and Management Systems / Institute for Simulation and Training / Office of Research and Commercialization
O'Neal, Thomas P.
Veteran Florida Entrepreneurship Program 2017-2018
Veterans Florida
$85,000
College of Engineering and Computer Science - Industrial Engineering and Management Systems / Office of Research and Commercialization

Orlowski, Marissa A.
Hillsborough County Hotel & Motel Association 2017 Hourly Compensation Analysis
Hillsborough County Hotel and Motel Association
$6,000
Rosen College of Hospitality Management - Foodservice and Lodging Management

Ortiz, Judith / Hofler, Richard A.
Factors Associated with Reducing Diabetes-Related Disparities of Rural Latino National Institute on Minority Health and Health Disparities
$424,976
College of Health and Public Affairs – Dean's Office / College of Business Administration - Economics

Owens, James Thomas
State Science and Engineering Fair of Florida 2017-2018
Florida Department of Education
$72,032
College of Education and Human Performance - Education Dean's Office

Raustad, Richard A.
Trane Trace 3D Plus Software Development Support
S.E.I Associates
$123,257
Florida Solar Energy Center

Schreiber, Jeanette
FY 2017 FLDOH State Contract - Cervical Screening
Florida Department of Health
$29,590
College of Medicine - Medical Education

Schreiber, Jeanette
FY 2017 FLDOH State Contract - Children's Medical PCMH
Florida Department of Health
$24,500
College of Medicine - Medical Education
Schreiber, Jeanette
FY 2017 FLDOH State Contract - Colorectal
Florida Department of Health
$125,000
College of Medicine - Medical Education

Schreiber, Jeanette
FY 2017 FLDOH State Contract - Colorectal Osceola
Florida Department of Health
$21,525
College of Medicine - Medical Education

Schreiber, Jeanette
FY 2017 FLDOH State Contract - Colorectal Sarasota
Florida Department of Health
$4,375
College of Medicine - Medical Education

Schreiber, Jeanette
FY 2017 FLDOH State Contract - PCMH
Florida Department of Health
$250,000
College of Medicine - Medical Education

Smith, Eileen M.
Rig of the Future Virtual Environment
Schlumberger Technology Corporation
$92,792
Institute for Simulation and Training - E2i Creative Studio

Sukthankar, Gita Reese
University Professor Engagement: Scouting Area of Robotics
Siemens Energy, Inc.
$35,280
College of Engineering and Computer Science - Computer Science

Uribe Romo, Fernando Javier / Yuan, Yu
Earth Abundant Metal-Organic Frameworks for Heterogeneous Visible-Light Organic Photoredox Catalysis
National Science Foundation
$173,266
College of Sciences – Chemistry

Wolf, Ross A.
National Sheriffs’ Association Tourism Oriented Policing Training Program
National Sheriffs' Association
$6,115
College of Health and Public Affairs
Wu, Dazhong
University Professor Engagement: Scouting Area of Diagnostics and Prognostics
Siemens Energy, Inc.
$35,280
College of Engineering and Computer Science - Mechanical and Aerospace Engineering

Xu, Mengyu
University Professor Engagement: Scouting Area of Statistics and Big D
Siemens Energy, Inc.
$35,280
College of Sciences - Statistics and Actuarial Science

Zhou, Qun
Southeastern Center for Electrical Engineering Education
$25,500
College of Engineering and Computer Science - Electrical and Computer Engineering
College of Engineering and Computer Science - Department of Electrical and Computer Engineering