Monthly New Awards - July 2018

Awad, Dr. Amro J.
CSR:Small: Rethinking Filesystem Encryption and Auditing in the Era of Byte-Addressable Non-Volatile Memories (ID: 1063774)
National Science Foundation (NSF)
$303,801
College of Engineering and Computer Science (CECS) - Department of Electrical and Computer Engineering

Awad, Dr. Amro J.
Enabling Deterministic Behavior in Virtualized Multi-Core Environments (ID: 1063975)
Naval Surface Warfare Center
$413,729
College of Engineering and Computer Science (CECS) - Department of Electrical and Computer Engineering

BHATTACHARYA, SAMIK / Kauffman, Dr. Jeffrey
The fluid-structure interactions in high-stiffness aviation equipped with modular morphing capabilities (ID: 1066075)
Office of Naval Research
$249,900
College of Engineering and Computer Science (CECS) - Mechanical and Aerospace Engineering / College of Engineering and Computer Science (CECS) - Mechanical and Aerospace Engineering

Bridge, Candice M.
Public Service to the Federal Public Defender’s Office (ID: 1065534)
Federal Public Defender
$523
College of Sciences - Chemistry / College of Sciences - National Center for Forensic Science

Brunell, Mrs. Mary Lou F.
RF: Healthcare Workforce Research Initiative (ID: 1066284)
Various
$500
College of Health Professions and Sciences (CHPS) - CHPS Dean's Office

Brunell, Mrs. Mary Lou F.
RF: HWRI Governance and Policy Workgroup and Summit (ID: 1066281)
CareerSource Florida
$25,000
College of Health Professions and Sciences (CHPS) - CHPS Dean's Office
Carnaby, Giselle / Crary, Michael
RF: Swallowing Function in the Community Dwelling (ID: 1066265)
Learning Institute for Elders at UCF
$6,900
College of Health Professions and Sciences (CHPS) - Communication Sciences and Disorders / College of Health Professions and Sciences (CHPS) - Communication Sciences and Disorders

Chumbimuni Torres, Dr. Karin Yanet
Internationalization Program for STEM-Students through Learning and Research Experiences (ID: 1063554)
100,000 Strong in the Americas Innovation Fund
$14,500
College of Sciences - Chemistry

Chumbimuni Torres, Dr. Karin Yanet
Internationalization Program for STEM-Students through learning and research Experiences (ID: 1066260)
Partners of the Americas
$10,500
College of Sciences - Chemistry

Coffey, Dr. Kevin R. / Jiang, Tengfei / Kaden, William Edward / Mucciolo, Dr. Eduardo R / Schelling, Dr. Patrick K.
E2CDA: Collaborative Research: Type I: Interconnects Beyond Cu (ID: 1063140)
Semiconductor Research Corporation
$36,675
Advanced Materials Processing and Analysis Center (AMPAC) - Advanced Materials Processing and Analysis Center (AMPAC) / Advanced Materials Processing and Analysis Center (AMPAC) / College of Sciences - Physics

Copik, Dr. Alicja
Research collaboration with CytoSen - Task Order #2 (ID: 1065885)
Cyto-Sen Therapeutics, Inc.
$45,068
College of Medicine - School of Biomedical Science - Director Office

DeMara, Dr. Ronald F.
Probabilistic Spin Logic for Low-Energy Boolean and Non-Boolean Computing (ID: 1066172)
Purdue University
$31,750
College of Engineering and Computer Science (CECS) - Department of Electrical and Computer Engineering
Duranceau, Dr. Steven J.
Northeast Regional Utility Service Area (NERUSA) Water Quality & Treatment Plan (ID: 1066034)
Polk County
$25,617
College of Engineering and Computer Science (CECS) - Civil, Environmental, and Construction Engineering

Emrich, Christopher
RF: Disaster Solutions Postdoc (ID: 1066242)
Horne, LLP
$44,410
College of Community Innovation and Education (CCIE) - Public Administration / Faculty Cluster Initiative - Sustainable Coastal Systems

Fan, Deliang
E2CDA: Type II: Non-Volatile In-Memory Processing Unit: Memory, In-Memory Logic and Deep Neural Network (ID: 1063238)
Semiconductor Research Corporation
$92,235
College of Engineering and Computer Science (CECS) - Department of Electrical and Computer Engineering

Gazzillo, Dr. Paul
National Science Foundation (NSF)
$229,087
College of Engineering and Computer Science (CECS) - Department of Computer Science

Gordon, Dr. Ali P.
PSM: Development of Streamlined Parameter Estimation Methods and Application of Viscoplasticity Models to Components (Phase VI) (ID: 1063072)
Power Systems Manufacturing, LLC
$30,000
College of Engineering and Computer Science (CECS) - Mechanical and Aerospace Engineering

Han, Dr. Kyu Young / Khajavikhan, Dr. Mercedeh
High-speed and minimally photo-damaging STED microscopy using nanolaser arrays (ID: 1063636)
National Science Foundation (NSF)
$300,000
College of Optics and Photonics - CREOL / College of Optics and Photonics - CREOL

Hardy, Duncan
Cambridge Title A Fellowship (ID: 1066234)
Trinity College Cambridge
$30,000
College of Arts and Humanities - History
Harris, Shana
McKnight Junior Faculty Development Fellowship (ID: 1065137)
Florida Education Fund
$15,000
College of Sciences - Anthropology

Hickman, Dr. James Joseph
Human on a chip systems to investigate disease comorbidities common in the aged population (ID: 1063356)
Hesperos, Inc
$70,000
NanoScience Technology Center - NanoScience Technology Center

Hoffman, Dr. Eric
Evaluating Mole Skink and Salt Marsh Snake Sub-Specific Taxonomy in Florida Using Genomics (ID: 1065652)
Florida Fish and Wildlife Conservation Commission
$14,250
College of Sciences - Biology

Jha, Dr Sumit K.
National Science Foundation (NSF)
$500,000
College of Engineering and Computer Science (CECS) - Department of Computer Science

Kassab, Dr. Alain J.
RF: CML Project Support- 2018 cluster upgrade (ID: 1066291)
Orlando Health Foundation
$12,000
College of Engineering and Computer Science (CECS) - Mechanical and Aerospace Engineering

Dieker, Dr. Lisa A.
IRIS Center and Technology Innovation Post Doctoral Scholar (ID: 1065421)
Vanderbilt University
$49,680
College of Community Innovation and Education (CCIE) - Counseling Education

Leavens, Dr. Gary T.
SHF: ESEC/FSE 2018 Doctoral Consortium, Mentorship, and Conference Travel Support (ID: 1065780)
National Science Foundation (NSF)
$33,952
College of Engineering and Computer Science (CECS) - Department of Computer Science / Faculty Cluster Initiative - Cyber Security and Privacy
Martin, Mr. Eric D / Fenaughty, Karen F / McIlvaine, Mrs. Janet R / Parker, Mr. Danny S.
3rd Party Cash for 20126142: Using Supplemental Mini-Split Heat Pumps to Improve Comfort and Efficiency in Low-Load Existing Homes (ID: 1066290)
Mitsubishi Electric Cooling & Heating
$1,285
Florida Solar Energy Center (FSEC) - FSEC / Florida Solar Energy Center (FSEC) – FSEC

O’Neal, Dr. Thomas P.
RF: Veterans Florida Entrepreneurship Program 2018-2019 (ID: 1065854)
Veterans Florida
$75,000
College of Engineering and Computer Science (CECS) - Industrial Engineering and Management Systems / Office of Research and Commercialization - Office of Research and Commercialization

Pasarica, Magdalena
Obesity management training program for health professionals: using active learning techniques to improve patient outcome (ID: 1065693)
MetaboLogix, LLC
$3,500
College of Medicine - Medical Education

Raghavan, Dr. Seetha
Non-destructive technique design survey and development for aerospace corrosion detection (ID: 1065665)
Textron Systems Corporation
$50,000
College of Engineering and Computer Science (CECS) - Mechanical and Aerospace Engineering

Reinerman, Dr. Lauren / Barber, Dr. Daniel J.
Physiological Response During Fuel Rod Transfer Training (ID: 1065619)
Westinghouse Electric Company, LCC
$25,000
Institute for Simulation and Training (IST) - Prodigy Lab / Institute for Simulation and Training (IST) - Prodigy Lab

Santra, Dr. Swadeshmukul
NANO/MISA - UCF Foundation Gifts (ID: 1066154)
UCF Foundation, Inc
$5,000
NanoScience Technology Center - NanoScience Technology Center

Santra, Dr. Swadeshmukul
Nano-Zinc coated urea: an innovative approach to systemic delivery of Znmicronutrient (ID: 1065946)
IFDC
$52,500
College of Sciences - Chemistry / NanoScience Technology Center - NanoScience Technology Center
Southwell, Amber Lee
Investigating a connection between age and paternal germline repeat instability of the Huntington disease gene via progerin-induced aging of iPSC-derived sperm cells (Fellowship for Jacob Friedman) (ID: 1065687)
Huntington's Disease Society of America
$4,500
College of Medicine - School of Biomedical Science - Director Office

Phanstiel, Dr. Otto / Altomare, Dr. Deborah A.
Developing Polyamine Transport Inhibitors for the Treatment of Human Cancers (ID: 1063219)
Florida Department of Health
$815,284
College of Medicine - Medical Education / College of Medicine - School of Biomedical Science - Director Office

Uitti, Andrea Uitti / Brunell, Mrs. Mary Lou F.
Lupus Project Evaluation (ID: 1065122)
Big Bend Rural Health Network
$5,000
College of Health Professions and Sciences (CHPS) - CHPS Dean's Office / College of Health Professions and Sciences (CHPS) - CHPS Dean's Office

Vanryckeghem, Dr. Martine
RF: Stuttering Research (ID: 1066287)
Frederick P Murray
$10,000
College of Health Professions and Sciences (CHPS) - Communication Sciences and Disorders

Wahl, Dr. Thomas
Modelling global storm surges in the past, present, and future and the associated socio-economic impacts (ID: 1063289)
NASA Shared Services Center (NSSC)
$18,043
College of Engineering and Computer Science (CECS) - Civil, Environmental, and Construction Engineering / Faculty Cluster Initiative - Sustainable Coastal Systems

Wisniewski, Dr. Pamela
A Community-based Approach to Co-Managing Privacy and Security for Mozilla’s Web of Things (ID: 1065761)
Mozilla
$45,000
College of Engineering and Computer Science (CECS) - Department of Computer Science
Wisniewski, Dr. Pamela
Reducing Digital Inequality by Empowering At-Risk Youth to be Resilient against Online Sexual Predation Risks (ID: 1063027)
William T. Grant Foundation
$350,000
College of Engineering and Computer Science (CECS) - Department of Computer Science

Xia, Dr Xiaohu
CAREER: Engineering Bimetallic Nanostructures as Peroxidase Mimics for Diagnostic Applications (ID: 1065607)
National Science Foundation (NSF)
$426,706
College of Sciences – Chemistry

Xia, Dr. Xiaohu
Collaborative Research: An Enzyme-free Amplification Technique for Ultrasensitive ELISA of Disease Biomarkers (ID: 1065709)
National Science Foundation (NSF)
$212,425
College of Sciences - Chemistry