Awad, Amro J
CSR: Small: Rethinking Filesystem Encryption and Auditing in the Era of Byte-Addressable Non-Volatile Memories
National Science Foundation
$303,801
College of Engineering and Computer Science

Awad, Amro J
Enabling Deterministic Behavior in Virtualized Multi-Core Environments
Naval Surface Warfare Center
$413,729
College of Engineering and Computer Science

Bhattacharya, Samik/ Kauffman, Jeffrey
The fluid-structure interactions in high-stiffness aviation equipped with modular morphing capabilities
Office of Naval Research
$249,900
College of Engineering and Computer Science

Bridge, Candice M
Public Service to the Federal Public Defender’s Office
Federal Public Defender
$523
College of Sciences

Brunell, Mary Lou F
RF: Healthcare Workforce Research Initiative
Various
$500
College of Health Professions and Sciences

Brunell, Mary Lou F
RF: HWRI Governance and Policy Workgroup and Summit
CareerSource Florida
$25,000
College of Health Professions and Sciences

Carnaby, Giselle / Crary, Michael
RF: Swallowing Function in the Community Dwelling
Learning Institute for Elders at UCF
$6,900
College of Health Professions and Sciences

Chumbimuni Torres, Karin Yanet
Internationalization Program for STEM - Students through Learning and Research Experiences
100,000 Strong in the Americas Innovation Fund
$14,500
College of Sciences

Chumbimuni Torres, Karin Yanet
Internationalization Program for STEM - Students through learning and research Experiences
Partners of the Americas
$10,500
College of Sciences

Coffey, Kevin R/ Jiang, Tengfei / Kaden, William Edward / Mucciolo, Eduardo R / Schelling, Patrick K
E2CDA: Collaborative Research: Type I: Interconnects Beyond Cu
Semiconductor Research Corporation
$36,675
Advanced Materials Processing and Analysis Center

Copik, Alicja
Research collaboration with CytoSen - Task Order #2
Cyto-Sen Therapeutics, Inc.
$45,068
College of Medicine

DeMara, Ronald F
Probabilistic Spin Logic for Low-Energy Boolean and Non-Boolean Computing
Purdue University
$31,750
College of Engineering and Computer Science

Duranceau, Steven J
Northeast Regional Utility Service Area (NERUSA) Water Quality & Treatment Plan Polk County
$25,617
College of Engineering and Computer Science

Emrich, Christopher
RF: Disaster Solutions Postdoc
Horne, LLP
$44,410
College of Community Innovation and Education

Fan, Deliang
E2CDA: Type II: Non-Volatile In-Memory Processing Unit: Memory, In-Memory Logic and Deep Neural Network
Semiconductor Research Corporation
$92,235
College of Engineering and Computer Science
Gazzillo, Paul
SHF: Small: Collaborative Research: Static Analysis Infrastructure for Variability-Aware Bug Detection and Translation of Highly-Configurable Software Systems
National Science Foundation
$229,087
College of Engineering and Computer Science

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

Han, Kyu Young / Khajavikhan, Mercedeh
High-speed and minimally photo-damaging STED microscopy using nanolaser arrays
National Science Foundation
$300,000
College of Optics and Photonics

Hardy, Duncan
Cambridge Title A Fellowship
Trinity College Cambridge
$30,000
College of Arts and Humanities

Harris, Shana
McKnight Junior Faculty Development Fellowship
Florida Education Fund
$15,000
College of Sciences

Hickman, James Joseph
Human on a chip systems to investigate disease comorbidities common in the aged population
Hesperos, Inc
$70,000
NanoScience Technology Center

Hoffman, Eric
Evaluating Mole Skink and Salt Marsh Snake Sub Specific Taxonomy in Florida Using Genomics
Florida Fish and Wildlife Conservation Commission
$14,250
College of Sciences

Jha, Sumit K
National Science Foundation
$500,000
Kassab, Alain J  
RF: CML Project Support-2018 cluster upgrade  
Orlando Health Foundation  
$12,000  
College of Engineering and Computer Science

Dieker, Lisa A  
IRIS Center and Technology Innovation Post Doctoral Scholar  
Vanderbilt University  
$49,680  
College of Community Innovation and Education

Leavens, Gary T  
SHF: ESEC/FSE 2018 Doctoral Consortium, Mentorship, and Conference Travel Support  
National Science Foundation  
$33,952  
College of Engineering and Computer Science

Martin, Eric D/ Fenaughty, Karen F/ McIlvaine, Janet R/ Parker, Danny S  
Using Supplemental Mini-Split Heat Pumps to Improve Comfort and Efficiency in Low-Load Existing Homes  
Mitsubishi Electric Cooling & Heating  
$1,285  
Florida Solar Energy Center

O'Neal, Thomas P  
RF: Veterans Florida Entrepreneurship Program 2018-2019  
Veterans Florida  
$75,000  
College of Engineering and Computer Science

Pasarica, Magdalena  
Obesity management training program for health professionals: using active learning techniques to improve patient outcome  
MetaboLogix, LLC  
$3,500  
College of Medicine

Raghavan, Seetha  
Non-destructive technique design survey and development for aerospace corrosion detection  
Textron Systems Corporation  
$50,000  
College of Engineering and Computer Science

Reinerman, Lauren / Barber, Daniel J  
Physiological Response During Fuel Rod Transfer Training Westinghouse Electric Company, LCC  
$25,000  
Institute for Simulation and Training
Santra, Swadeshmukul
NANO/MISA -UCF Foundation Gifts
UCF Foundation, Inc
$5,000
NanoScience Technology Center

Santra, Swadeshmukul
Nano-Zinc coated urea: an innovative approach to systemic delivery of Znmicronutrient
IFDC
$52,500
College of Sciences

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
Huntington's Disease Society of America
$4,500
College of Medicine

Phanstiel, Otto / Altomare, Deborah A
Developing Polyamine Transport Inhibitors for the Treatment of Human Cancers
Florida Department of Health
$815,284
College of Medicine

Uitti, Andrea Uitti / Brunell, Mary Lou F
Lupus Project Evaluation Big Bend Rural Health Network
$5,000
College of Health Professions and Sciences

Vanryckeghem, Martine
RF: Stuttering Research
Frederick P Murray
$10,000
College of Health Professions and Sciences

Wahl, Thomas
Modelling global storm surges in the past, present, and future and the associated socio-
economic Impacts
NASA Shared Services Center
$18,043
College of Engineering and Computer Science

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

Xia, Xiaohu  
CAREER: Engineering Bimetallic Nanostructures as Peroxidase Mimics for Diagnostic Applications  
National Science Foundation  
$426,706

Xia, Xiaohu  
Collaborative Research: An Enzyme-free Amplification Technique for Ultrasensitive ELISA of Disease Biomarkers  
National Science Foundation  
$212,425  
College of Sciences