Abdel-Aty, Mohamed | Wu, Yina | Yuan, Jinghui
Intersection Signal Prediction and Corridor Traffic Management Based on Big-Data Analytics and Cutting-Edge Technologies
Florida Department of Transportation
$500,000
College of Engineering and Computer Science

Ahmed, Kareem
Improving the Understanding of Rotating Detonation Rocket Engine Physics and Developing Design Solutions
Regents of the University of Michigan
$182,000
College of Engineering and Computer Science

Al-Deek, Haitham
Study of Operational and Safety Impacts of Disabled and Abandoned Vehicles on FDOT Roadways
Florida Department of Transportation
$199,999
College of Engineering and Computer Science

Barber, Sarah
Mapping and Illustrations of the Hotel Site and the Quarterman Cemeteries and Phase I/II Testing Support at the B Project: Burns Site and the Penny Site
University of Chicago Argonne LLC
$218,803
College of Sciences

Batarseh, Issa
AC Battery Charging
Smart Charging Technologies, LLC
$47,803
College of Engineering and Computer Science

Beidel, Deborah
REACT Virtual Peer Support Trainings for First Responders
Various
$1
College of Sciences

Braiman, Yehuda
Design of Large Cryogenic Memory Cell Arrays Based on Josephson Junction Memory Cells
University of Tennessee Battelle Oak Ridge National Lab
$111,130
College of Engineering and Computer Science
Chasar, David | Mcilvaine, Janet | Vieira, Robin
Reimagining HVAC for New Manufactured Housing
Slipstream Group, Inc.
$374,999
Florida Solar Energy Center

Davis, Jean
Cancer Survivors Physical Activity
Sigma Theta Tau International
$1,000
College of Nursing

Diaz, Desiree | Anderson, Mindi
RF: Augmented Reality Training: Education to Save Maternal-Child Lives
The Swift Family Foundation
$11,000
College of Nursing

Dieker, Lisa | Hines, Rebecca | Hughes, Charlie
Robots and Artificial Intelligence to Improve Social Skills for Elementary Students: Project RAISE
United Cerebral Palsy of Central Florida
$199,357
College of Community Innovation and Education

Guo, Xiufang
Investigation of the Role of Glia Cells in Alzheimer’s Pathogenesis in a Functional Human-Based In Vitro Model
National Institutes of Health
$148,185
NanoScience Technology Center

Hoffman, Phil
Black Church
WETA
$7,500
Communications and Marketing

Hoffman, Phil
Hemingway Virtual Community Engagement
WETA
$7,500
Communications and Marketing

Kapat, Jayanta
Integration of Data and Physics based Models for Fault Management
Nirvana Technologies, Inc.
$37,040
College of Engineering and Computer Science
Kilbride, Mike  
VP P&I FHTCC Administrative Support  
University of South Florida  
$190,000  
Presidential Division

Kilbride, Mike  
VP P&I FHTCC Talent  
University of South Florida  
$25,000  
Presidential Division

Lee, Woo Hyoung  
Development of Heavy Metal Sensors and Analytical Systems for Methanogens in Anaerobic Digestion  
University of Suwon  
$46,266  
College of Engineering and Computer Science

Lewis, Kristy  
Panacea or Pandora’s Box: Coastal Restoration and Recreational Fishing Livelihoods in Salt-Marshes of Coastal Louisiana  
Louisiana State University & A&M College  
$52,916  
College of Sciences

Liu, Fudong  
In-Depth Understanding of N2O Formation Mechanism on Pt/Al2O3 Catalyst for NH3-SCO and Mitigation of N2O Formation Through New Catalyst Design  
BASF Corporation  
$75,000  
College of Engineering and Computer Science

Logue, CarolAnn Dykes  
Orange County Economic Development Funding 2020-2021  
Orange County Board of County Commissioners  
$599,581  
Presidential Division

Logue, CarolAnn Dykes  
Seminole County FY2021 Funding for Winter Springs Incubator  
Seminole County  
$250,000  
Presidential Division

Lyakh, Arkadiy  
Accelerated Burn-In Process for High Power Quantum Cascade Lasers to Reduce Total Cost of Ownership  
IRGlare, LLC  
$48,000  
NanoScience Technology Center
Lyakh, Arkadiy
Monolithic Dual-Band Quantum Cascade Laser
IRGlare, LLC
$20,000
NanoScience Technology Center

Martin, Eric
Integrated Thermostat Pilot
Energy & Resource Solutions, Inc.
$8,598
Florida Solar Energy Center

Metcalf, David | Hamilton, Angela
TLA Enterprise Ecosystem Trade Study
Naval Air Warfare Center Training Systems Division
$299,404
School of Modeling Simulation and Training

Moreto, William
2020-2021 UCF Student Support for the Orange County Sheriff's Office
Orange County Sheriff's Office
$72,925
College of Community Innovation and Education

Moreto, William
Examining the Role, Function, and Potential of Ranger Associations: A Multi-Method, Cross-National Assessment
Global Wildlife Conservation
$25,890
College of Community Innovation and Education

Muniz, Cyndia
HSI Battle of the Brains
HSI Battle of the Brains
$5,000
Presidential Division

Pang, Sean | Li, Guifang
Photonic Tensor Accelerator for High-Efficiency Neural Network Processing
Omega Photonics System
$99,813
College of Optics and Photonics

Pourmohammadi Fallah, Yaser
Design of Biosensor Based Driver-to-Driver Communication Technology
Honda R&D Americas, LLC
$153,564
College of Engineering and Computer Science
Rajaraman, Swaminathan  
Pest Detection System  
Massey Services, Inc.  
$66,724  
NanoScience Technology Center

Rawat, Yogesh Singh  
Real-Time Multi-Source Event Analytics  
U.S. Department of Commerce National Institute of Standards and Technology  
$30,000  
Center for Research in Computer Vision

Renk, Kimberly  
Project SCORES  
Orlando Health Foundation  
$80,000  
College of Sciences

Rohr, Michael  
The Role of Klotho Beta in Colorectal Cancer Tumorigenesis  
National Cancer Institute  
$31,076  
College of Medicine

Snaith, Sean  
Institute for Economic Competitiveness 2021  
Orange County Board of County Commissioners  
$212,242  
College of Business

Steward, Robert  
Elucidation of the Physical Principals that Govern Endothelial Structure and Function  
National Science Foundation  
$500,000  
College of Engineering and Computer Science

Tezcur, Gunes Murat  
Strengthen Global Citizenship and Leadership of Kurdistan-Iraq Youth, Model United Nations 2020  
Intl Research and Exchanges Board (IREX)  
$18,832  
College of Sciences

Vela, Adan  
Agility Prime  
Mosaic ATM, Inc.  
$45,000  
College of Engineering and Computer Science
Wang, Xiaochuan
Examining facility, quality, and state contextual factors associated with COVID-19 outbreaks in U.S. Nursing Homes
Borchard Foundation Center on Law & Aging
$18,799
College of Health Professions and Sciences

Wu, Shintson
Advanced uLED Display
AU Vista
$750,000
College of Optics and Photonics