Ahmed, Kareem A. / Kapat, Jayanta S.
Ultra-Fast Advanced Laser Diagnostics for Hypersonics
US Army Contracting Command
$600,000
College of Engineering and Computer Science

Amezcue Correa, Rodrigo / Schulzgen, Axel
Antiresonant Hollow Core Fibers for Extreme Light Propagation
US Army Contracting Command
$349,815
College of Optics and Photonics

Argenti, Luca
New Correlated Numerical Methods for Attosecond Molecular Single and Double Ionization
US Department of Energy
$150,000
College of Optics and Photonics

Barber, Daniel J.
Transparency Design Research Supporting Army Modernization Priorities
US Army Research Laboratory
$160,000
Institute for Simulation and Training

Caulkins, Bruce Donald / Martin, Glenn A. / Wang, Chung-Ching M. / Zou, Changchun
Supporting the Development of the PCTE
U.S. Army Contracting Command
$673,911
Institute for Simulation and Training

Cheng, Zixi
Nociceptive Afferent Topographical Innervation of the Heart and Stomach
National Institute of Neurological Disorders and Stroke
$638,757
College of Medicine

Chernyak, Leonid
Electron Injection – and Light – and Heavy-Particles-Induced Effects in GaN- and ZnO-Based Bipolar Device Structures
United States – Israel Binational Science Foundation
$37,500
College of Sciences
Cook, Christa Louise
Southern HIV and Alcohol Research Consortium Administrative and Research Support Core – Year 2
University of Florida
$26,503
College of Nursing

Das, Tuhin
Power Plant Dynamic Modeling on the Siemens T3000 Simulation Platform for Transient Simulations
Siemens Energy, Inc.
$77,426
College of Engineering and Computer Science

Dimitrovski, Aleksandar
Parallel All-Inclusive Detailed Dynamic Simulation Modeling of Power Systems Parallel-In-Time Co-Simulation of Transmission and Distribution Systems
UT-Battelle, LLC/Oak Ridge National Laboratory
$65,000
College of Engineering and Computer Science

Duranceau, Steven J.
Force Main Buildup Analysis
Polk County
$7,500
College of Engineering and Computer Science

Fairey, Philip W.
$12,463
Florida Solar Energy Center

Fernandez, Yanga R.
Assessing Observational Parameters of Comets for NEOCam
California Institute of Technology, Jet Propulsion Laboratory
$13,237
Florida Space Institute

Fu, Qiushi
Understanding Brain Dynamics in Upper – Limb Motor Control
Qiushi Fu
$50,000
College of Engineering and Computer Science

Fu, Yanjie
Understanding Urban Vibrancy: A Geographical Learning Approach Employing Big Crowd-Sourced Geo-Tagged Data
National Science Foundation
$150,735
College of Engineering and Computer Science
Hagan, David J.
3-Band Picosecond High Energy Compact Laser System
Q-Peak Inc.
$33,910
College of Optics and Photonics

Harrington, Joseph
ExoClimes 2019 US Early-Career Travel Support
NASA Shared Services Center
$25,000
College of Sciences

Hoffman, Phil
WUCF: Community Service Grant FY 2020
Florida Department of Education
$320,400
Division of Strategy, Marketing, Communications, and Admissions

Hoffman, Phil
Cultural Affairs – General Program Support TV – FY 20
Florida Department of State
$43,053
Division of Strategy, Marketing, Communications, and Admissions

Hoffman, Phil
Match: Cultural Affairs – General Program Support TV – FY20
UCF Foundation, Inc.
$43,053
Division of Strategy, Marketing, Communications, and Admissions

Hoffman, Phil
WUCF: No Passport Required Season 2
Public Broadcasting Service
$7,500
Division of Strategy, Marketing, Communications, and Admissions

Huang, Yan / Guo, Zhishan / Hua, Nan / Sonmez, Sevil
Prepare the US Labor Force for Future Jobs in the Hotel and Restaurant Industry: A Hybrid Framework and Multi-Stakeholder Approach
National Science Foundation
$977,566
Rosen College of Hospitality Management

Jewett, Travis / Kang, Ellen Hyeran
Molecular Analysis of the Chlamydia Trachomatis Virulence Factor Tarp
National Institute of Allergy and Infectious Diseases
$614,143
College of Medicine
Jiang, Tengfei
Reliability of Advanced Packaging
Juniper Networks
$25,000
Advanced Materials Processing and Analysis Center

Jones, Karyn D. / Hagedorn, W. Bryce / Hundley, Gulnora F.
Aspire Counselor Training Program in Integrated Care for Opioid and Other Substance Use Disorders
Health Resources and Services Administration
$494,412
College of Community Innovation and Education

Kapat, Jayanta S. / Mukherjee, Jaydeep
Detailed Investigation on Heat Transfer and Fluid Interaction over Non-Uniform Roughened Surfaces in Jet Impingement Cooling Applications
NASA Shared Services Center
$5,000
College of Engineering and Computer Science

Kendall, Elizabeth
Workshop: A Strategic Vision for Incoherent Scatter Radar
National Science Foundation
$37,877
Florida Space Institute

Kider Jr., Joseph Theodore / Azevedo, Roger / LaViola II, Joseph J. / Walters, Lori C.
Retraining Built Environment Retrofitting Problem Solving Skills with Augmented Reality
National Science Foundation
$749,998
Institute for Simulation and Training

Li, Guifang
Mode Superposition for Phased Array
US Army Contracting Command
$200,000
College of Optics and Photonics

Mahalanobis, Abhijit / Shah, Mubarak A.
Machine Learning for Surveillance & Protection Sensor Systems
Elbit Systems of America, LLC
$199,183
Center for Research in Computer Vision

Masternak, Michal / Soulakova, Julia N.
Senescence Cells as a Source of Pro-Aging miR-146a
National Institute on Aging
$405,500
College of Medicine
Min, Hanyi / Jex, Steve
The Assessment Solution
Brandon L. Young Consulting, LLC
$10,085
College of Sciences

Mitchell, David Michael
City of Cocoa Police Department Strategic Plan
City of Cocoa
$50,000
College of Community Innovation and Education

Morrison, Tracey Roxanne / Sung, Stella C.
The Story of Pompeii – A Visual History
Orlando Science Center
$6,714
College of Arts and Humanities

Pourmohammadi Fallah, Yaser
Perceptive Stochastic Coordination in Mass Platoons of Automated Vehicles
National Science Foundation
$416,088
College of Engineering and Computer Science

Shoss, Mindy Michelle / Su, Shiyang
Variability in Repeated Adaptive Performance: Examining Personality Predictors
US Army Research Institute
$170,000
College of Sciences

Smith, Daniel J.
Wildlife Crossing Structure Needs and Priorities Study: Model, Inventory and Design Manual
Florida Department of Transportation
$64,000
College of Sciences

Stubbs, Jack
Nemours – Task Order #2
The Nemours Foundation
$38,000
Institute for Simulation and Training

Tazi-Preve, Mariam
Book “Beyond the Nuclear Family. Ideology and Alternatives”: Translation and Launch
James R. Dougherty, Jr. Foundation
$2,000
College of Sciences
**Valliyil Thankachan, Sharma**  
NSF Student Travel Grant for Workshop on String Algorithms in Bioinformatics, 2019  
National Science Foundation  
$10,000  
College of Engineering and Computer Science

**Walters, Dr. Linda J.**  
Preparing Canaveral National Seashore for the Future: Stabilizing Eroding Archeological Sites through the Use of Living Shoreline Techniques  
US Department of Interior National Park Service/Canaveral National Seashore  
$41,000  
College of Sciences

**Walters, Linda J.**  
Brevard County Save Our Indian River Lagoon Living Shoreline Monitoring  
Brevard County Board of County Commissioners  
$108,704  
College of Sciences

**Walters, Linda J. / Cook, Geoffrey**  
UCF Subcontract to Marine Discovery Center  
Marine Discovery Center  
$46,321  
College of Sciences

**Willenberg, Bradley Jay / Dickerson, Andrew K.**  
Quantifying Threshold Airborne Concentrations of Transfluthrin for Mosquito Control Applications  
Florida Department of Agriculture and Consumer Services  
$90,451  
College of Medicine

**Womack, Dr Maria**  
Carbon Monoxide in Comets  
National Science Foundation  
$15,697  
Florida Space Institute

**Xu, Yunjun**  
Distributed Co-Robots for Strawberry Harvesting  
National Science Foundation  
$576,015  
College of Engineering and Computer Science