Agarwal, Shaurya
Pedestrian Upfront LiDAR-based Safety on Edge – Phase 1
Florida Department of Transportation
$24,963
College of Engineering and Computer Science

Ahmed, Kareem
Characterization of Stratospheric Aerosol Injection on the Propulsion Emissions
Silverlining, Inc.
$200,000
College of Engineering and Computer Science

Andraka-Christou, Barbara | Atkins, Danielle | Clark, M. H. | Viglione, Jill
JCOIN Coordination and Translation Center Yr 2 - Rapid Response
George Mason University
$47,500
College of Community Innovation and Education

Braiman, Yehuda | Li, Guifang | Likamwa, Patrick
Efficient, Scalable, High Power, Multi-Frequency Blue Diode Laser Array for Underwater Applications
Office of Naval Research
$384,773
College of Optics and Photonics

Britt, Daniel | Metzger, Philip
PolyBrick™: Polymer-Regolith Composite Landing Pads Built from In-Situ Lunar Materials Emerging Futures. LLC
$28,005
College of Sciences

Campbell, Jessica
Increasing Access to and Usability of Health Communications for Alaska Natives in Rural Alaska
Association for Computing Machinery
$1,200
College of Arts and Humanities

Chen, Jiannan | Reinhart, Debra
Environmental-Economic Assessments of Residential Curbside Collection Programs in the Orange County
Orange County Board of County Commissioners
$60,616
College of Engineering and Computer Science
Das, Tuhin
Power Plant Dynamic Modeling on the Siemens T3000 Simulation Platform for Transient Simulations – Phase H
Siemens Energy, Inc.
$82,891
College of Engineering and Computer Science

Donley, Amy
Domestic Violence in Miami-Dade County
Miami-Dade County
$72,735
College of Sciences

Enyioha, Chinwendu
Distributed Decision-Making and Control Under Communication Constraints
California Institute of Technology JPL
$40,934
College of Engineering and Computer Science

Gibson, Jane
Clinical Evaluation of the Xpert® Xpress CoV-2 plus Test on the GeneXpert Xpress System in a CLIA-Waived Environment
Cepheid
$45,334
College of Medicine

Giurgescu, Carmen
Gestational Weight Gain and Infant Birthweight Among Black Women: Beyond Individual-Level Factors
National Institute of Nursing Research
$70,890
College of Nursing

Hanson, Erin | Ballantyne, John
Transfer, Persistence and DNA Source Attribution of Trace Biological Material in Digital Penetration Assault Cases
National Institute of Justice
$550,440
College of Sciences

Haslett-Tomova, Maggy
Trisections — New Directions in Low-Dimensional Topology
National Science Foundation
$20,451
College of Sciences

Jung, YeonWoong
Scalable Lamination Printing of Near Atomically Thin Electronic Materials with Mechanical Stretchability
National Science Foundation
$250,000
NanoScience Technology Center
Kaukinen, Catherine | Fissel, Erica | Metzger, Carl | Ricke, Matt
UCF Approach to Reducing Domestic Violence, Dating Violence, Sexual Assault and Stalking
U.S. Department of Justice
$300,000
College of Community Innovation and Education

Kilbride, Mike
EnergyTech University Prize Regional Convener
U.S. Department of Energy
$3,000
Presidential Division

Kushima, Akihiro
Simulation Results Identifying the Reaction Products from Novel Li(Al, Mn, Zn)O2 Cathode
Synthesis First Principles Analysis to Evaluate the Performance of a Novel Li(Al,Mn,Zn)O2 Cathode
Honda R&D Co. Ltd.
$24,906
Advanced Materials Processing and Analysis Center

Laviola II, Joseph | McMahan, Ryan
Perceptually-Enabled Task Guidance Program
Northrop Grumman Corporation
$255,345
College of Engineering and Computer Science

Mahalanobis, Abhijit
Cross Platform Reinforcement and Transfer Learning for Periscope Imagery Phase II
Mayachitra, Inc.
$90,000
Center for Research in Computer Vision

Mahalanobis, Abhijit
Deep Generative Modeling of Infrared Datasets for Aided Target Recognition
Lynntech, Inc.
$102,500
Center for Research in Computer Vision

Mansfield, Kate | Forsman, Anna | Seney, Erin
R4 Air Force Sea Turtle Health Decline
U.S. Fish and Wildlife Service
$69,450
College of Sciences

Mansfield, Kate | Seney, Erin
R4 Air Force Sea Turtle Monitoring - Trident / Patrick AFB
U.S. Fish and Wildlife Service
$73,205
College of Sciences
Masyada, Stephen
Civic Literacy Excellence Initiative: Curriculum
Florida Department of Education
$1,500,000
College of Sciences

Mohapatra, Ram
Investigations in Applicable Analysis
Mohapatra Family Foundation
$147,600
College of Sciences

Renk, Kimberly
Sustaining Florida's Early Childhood Courts and Building New Teams with Reflective Supervision/Consultation and Team Building Sessions
ZERO TO THREE
$74,453
College of Sciences

Richardson, Kathleen | Banerjee, Parag | Schepler, Kenneth
Infrared Material Purification and Handling System
USAF Office of Scientific Research
$161,104
College of Optics and Photonics

Richardson, Kathleen | Gaume, Romain
Advanced Broadband Materials - Phase 9
Lockheed Martin Missiles
$150,000
College of Optics and Photonics

Ross, Jerry
General Support of the National Entrepreneur Center
Regions Bank
$75,000
Presidential Division

Smith, Eileen | Cruz-Neira, Carolina
STARBASE Central Florida
National Center for Simulation
$181,536
School of Simulation and Training

Strawser, Michael
Supporting Communication Teaching and Learning in K-12 Contexts
National Communication Association
$4,500
College of Sciences
Tetard, Laurene
MZT / Employing Color-Changing Nanomaterials to Improve Vector-borne Disease Surveillance
Research Corporation for Science Advancement
$55,000
NanoScience Technology Center

Valliyil Thankachan, Sharma
Algorithmic Aspects of Pan-Genomic Data Modeling, Indexing and Querying
National Science Foundation
$100,000
College of Engineering and Computer Science

Vasu Sumathi, Subith
Investigation of Ammonia for Combustion Turbines
Gas Technology Institute
$165,000
College of Engineering and Computer Science

Wahl, Thomas
The Effects of Spatiotemporal Storm Surge Clusters on Coastal Flood Risk
National Science Foundation
$250,000
College of Engineering and Computer Science

Walters, Linda | Bohlen, Patrick | Chambers, Lisa | Cook, Geoffrey | Fitak, Robert | Gaither, Michelle | Goolsby, Eric | Hoffman, Eric | Kibler, Kelly | Mansfield, Kate | Mason, Chase | Savage, Anna
Conservation, Restoration, and Communication
National Science Foundation
$369,195
College of Sciences

Wu, Shintson
Mini-LED Backlight for VR Headsets
Nichia America Corporation
$120,000
College of Optics and Photonics