Abdel-Aty, Mohamed
After-Deployment Study for the Connecting the East Orlando Communities Project
Florida Department of Transportation
$200,000
College of Engineering and Computer Science

Abdel-Aty, Mohamed | Abou-Senna, Hatem
Evaluation of Midblock Pedestrian Signals
Florida Department of Transportation
$365,185
College of Engineering and Computer Science

Abouraddy, Ayman
Laser System for Studying Classical Optical
Office of Naval Research
$347,786
College of Optics and Photonics

Abou-Senna, Hatem | Eakins, Michael | Matthews, Gerald | Metcalf, David | Mouloua, Mustapha | Neider, Mark | Radwan, Ahmed
Human Factors Study on the Use and Effectiveness of Innovative Safety Messages on Dynamic Message Signs
Florida Department of Transportation
$257,874
College of Engineering and Computer Science

Amezcua Correa, Rodrigo
Coupled Core 7-Core Multicore Fiber
Multicore Technologies, LLC
$41,533
College of Optics and Photonics

Beidel, Deborah
BlueLine Rescue: Using Technology to Help Policing
Center for Law Enforcement Technology Training & Research, Inc.
$20,000
College of Sciences

Bernath, Robert
L3 Advanced Laser Systems Technologies Test Support
L3 Technologies
$40,848
Office of Research
Branting, Scott
Documenting and Triaging Cultural Heritage: Damage Assessment and Digital Preservation
National Endowment for the Humanities
$279,962
College of Sciences

Branting, Scott
Kerkenes Project 2021
The Merops Foundation
$38,500
College of Sciences

Chumbimuni Torres, Karin
Novel Quantitative Cost-effective Assay for the Diagnosis and Monitoring of HIV Viral Loads
National Institute of Allergy and Infectious Diseases
$71,387
College of Sciences

Cook, Christa
Southern HIV and Alcohol Research Consortium Administrative and Research Support Core - Year 4
University of Florida
$27,305
College of Nursing

Dechev, Damian
Donation from Bayes Fintech, Inc.
Bayes Fintech, Inc.
$50,000
College of Engineering and Computer Science

Delfyett, Peter | Fathpour, Sasan
Center for Electronic-Photonic Integrated Circuits for Aerospace
National Science Foundation
$250,000
College of Optics and Photonics

Dieker, Lisa | Hines, Rebecca | Hughes, Charlie | Vasquez, Trey
DebriefScape™ Suite: Personalized Dashboard and Open Education Resources for STEM Coaches to Support Special Education Teachers
U.S. Department of Education
$499,999
College of Community Innovation and Education

Dodd, Melissa
Conceptualization and Measurement: A Scale for Measuring Consumer Perceptions of Corporate Social Advocacy
Pennsylvania State University
$6,500
College of Sciences
Dong, Yajie
Yajie Dong
QLED Cures, LLC
$10,000
NanoScience Technology Center

Ehrhart, Mark
The Relationship Between Team Virtualness Dimensions and Psychological Safety
Society for Industrial and Organization
$3,000
College of Sciences

Fernandez, Yan
Deep Studies of NEAs: Bridging the Gap Between Surveys and Spacecraft
Johns Hopkins University Applied Physics Laboratory
$66,448
College of Sciences

Fernandez, Yan
Determining the Cause of Activity of the First Active Trojan, 2019 LD2
Space Telescope Science Institute
$11,628
College of Sciences

Forsman, Anna
Demography, Dispersal, DNA, and Disease: Optimizing Conservation Strategies for the Endangered Florida Scrub Jay
The Nature Conservancy
$185,000
College of Sciences

Gaither, Michelle
Leveraging Advances in Molecular Technologies to Optimize an Efficient and Precise Protocol for the Quantification of Red Tide
Florida Fish and Wildlife Conservation Commission
$32,000
College of Sciences

Hagedorn, W. Bryce
UCF-Aspire Integrated Behavioral Health Care Internship Program
Health Resources and Services Administration
$472,658
College of Community Innovation and Education

Hahm, Jeannie | Breiter Terry, Deborah | Holm, Michelle | Kang, Juhee
Value of Business Events to Firm Performance in an Economic Downturn
MPI Foundation
$5,000
Rosen College of Hospitality Management
Hawthorne, Timothy
GeoBus: Driving Geospatial Technology Education Across Florida
National Geographic Society
$30,000
College of Sciences

Kapat, Jayanta | Ahmed, Kareem
Enabling Robust Compressor Operation Under Various sCO2 Conditions at Compressor Inlet
U.S. Department of Energy
$299,977
College of Engineering and Computer Science

Kapat, Jayanta | Ahmed, Kareem | Blair, Richard | Otto, Marcel
Development of an Advanced Hydrogen Energy Storage System Using Aerogel in a Cryogenic Flux Capacitor
Southwest Research Institute
$210,000
College of Engineering and Computer Science

Khaled, Annette
Chaperonin-Containing TCP-1 in Cancer Health Disparity
Florida State University
$15,000
College of Medicine

Khaled, Annette | Lee, Eunkyung
Evaluating Chaperonin-Containing TCP-1 for the Screening of Pediatric Cancers
Florida Department of Health
$123,500
College of Medicine

Kibler, Kelly
Design of Stormwater BMPs for Surface and Groundwater Protection Based on Site-Scale Soil Properties: Phase I
Florida Department of Transportation
$369,757
College of Engineering and Computer Science

Lee, Woo Hyoung
Black Water Characterization and Determination for Low Tier Water Applications
Mainstream Engineering Corporation
$50,000
College of Engineering and Computer Science

Li, Guifang
Floating-Point Photonic Accelerators
U.S. Army Contracting Command
$300,000
College of Optics and Photonics
Li, Qifeng | Wang, Dingbao
Temporal-Spatial Control of Electric-Driven Water Facilities for Renewable Energy Management Under Combinatorial Operation Modes of Contingency Response and Nexus
National Science Foundation
$300,596
College of Engineering and Computer Science

Lyakh, Arkadiy
Process to Mitigate Catastrophic Optical Damage for QCLs: Phase II
IRGlar, LLC
$240,000
NanoScience Technology Center

Lyakh, Arkadiy
High Brightness Long Wave Quantum Cascade Laser Development
IRGlar, LLC
$16,000
NanoScience Technology Center

Mahalanobis, Abhijit | Renshaw, Kyle
Moving Target Indication on the Move and Stationary Target Indication – Year 2
QinetiQ, Inc.
$200,000
Center for Research in Computer Vision

Metcalf, David | Eakins, Michael | Hamilton, Angela
PPE PAPR & N95 Donning and Doffing Web/iOS Application Content Upgrade
U.S. Department of Veterans Affairs
$224,740
Institute for Simulation and Training

Metzger, Philip
Benchmarking GGFS Granular Flow Solver for Rocket Exhaust Plume Effects, SRA 1006
CFD Research Corporation
$5,000
Florida Space Institute

Metzger, Philip
High Efficiency Sintering via Beneficiation of the Building Material
Cislune, Inc.
$62,500
Florida Space Institute

Metzger, Philip
Modeling Sensor Radiance Modifications due to Dust Clouds from Plume Surface Interactions, SRA 1081
CFD Research Corporation
$8,000
Florida Space Institute
Measuring Particle Sizes with Fine Spatial and Temporal Resolution in Lander Plume-Induced Ejecta Clouds
Truventic LLC
$35,000
Florida Space Institute

Technology-Based Pre-Dialysis Education
American Nephrology Nurses' Association
$5,000
College of Nursing

FY2020 Bulletproof Vest Partnership
Florida Department of Law Enforcement
$5,031
Administration and Finance

Benchscale Methanol Synthesis Process Development & Testing
Obantarla Corporation
$63,723
Florida Solar Energy Center

Validation and Update of the Sinkhole Index
Florida Department of Transportation
$220,381
College of Engineering and Computer Science

Quasi-Hildas Objects: The Missing Link Between the Hildas and Centaurs Populations
NASA Shared Services Center
$49,355
Florida Space Institute

Post Intensive Care Syndrome: The Psychological Course of COVID-19 Positive and COVID-19 Negative Survivors of Respiratory Failure After an Intensive Care Unit Admission
Independent Donor
$5,000
College of Nursing

High Mass Quality, Near Critical Pressure, Flow Boiling of CO2
Office of Naval Research
$180,115
College of Engineering and Computer Science
Perera, Benetge
The NANOGrav Physics Frontiers Center, SRA 1051
Oregon State University
$14,087
Florida Space Institute

Renshaw, Kyle
Compact Imaging Systems with Metasurfaces and Gradient Index Materials
UES, Inc.
$60,760
College of Optics and Photonics

Renshaw, Kyle | Yuan, Jiann-Shiun
Optical Chip and Driver Chip Development: Phase 2
Exciting Technology LLC
$279,987
College of Optics and Photonics

Rivera, Manuel
UMX 2021 Digital Customer
Mazda Motor of America, Inc.
$50,000
Rosen College of Hospitality Management

Rohde, Kyle
CRISPRi-Based Discovery and In Vivo Validation of Drug Targets in M. Abscessus
National Institute of Allergy and Infectious Diseases
$228,000
College of Medicine

Schambeau, Charles
Coma Factory: A Suite of Tools to Simulate, Analyze, and Interpret Features in Coemtary Comae
Planetary Science Institute
$23,405
Florida Space Institute

Schreiber, Jeanette
2021 Florida Department of Health State Contract CODSR
Florida Department of Health
$395,833
College of Medicine

Tatulian, Suren | Teter, Kenneth
Amyloid Beta Oligomers’ Structure, Membrane Pore Formation, And Toxicity
Florida Department of Health
$247,619
College of Sciences
Toyne, J. Marla  
Adaptative Strategies Under Empire Transitions  
National Science Foundation  
$55,729  
College of Sciences  

Vasquez, Trey  
National Center to Improve Capacity and Effective Use of Educational Technology in Special Education Preparation  
University of Kansas Center for Research  
$74,999  
College of Community Innovation and Education  

Vasu Sumathi, Subith  
High Temperature Spectra Characterization of Products of OPC Compounds  
Spectral Energies, LLC  
$98,242  
College of Engineering and Computer Science  

Vasu Sumathi, Subith  
State-Of-The-Art, Time-Resolved Shock Tube/Laser Experiments to Study Pyrolysis and Burning of Energetic Materials and Propellants  
Naval Research Laboratory  
$150,000  
College of Engineering and Computer Science  

Welch, Gregory  
Enhanced Information Comprehension via Augmented Reality  
Office of Naval Research  
$568,540  
College of Nursing  

Yooseph, Shibu  
Mixture Model Algorithms for Inferring Covariance Structures and Microbial Associations from Microbiome Data  
National Science Foundation  
$634,673  
College of Engineering and Computer Science  

Zhang, Wei  
An Information Network for FAIR Resources and Data  
Regents of University of California  
$105,090  
College of Engineering and Computer Science