Abdolvand, Reza  
Fabrication of Nanoscale Pattern Etched in SiO2  
Lockheed Martin Corporation  
$27,341  
College of Engineering and Computer Science

Ahmed, Kareem  
PDC Turbine Temperature Wireless Sensor  
Creare, Inc.  
$125,000  
College of Engineering and Computer Science

Azevedo, Roger  
Effectiveness of Immersive Virtual Reality to Augment Teachers' Instructional Decision-Making for Teaching Self-Regulation During STEM Learning  
European Association for Research on Learning  
$10,802  
College of Community Innovation and Education

Barden, Sejal  
Project Harmony  
U.S. Department of Health & Human Services  
$1,514,999  
College of Community Innovation and Education

Beidel, Deborah  
Providing Behavioral Health Support to Azalea Park Residents Affected by COVID-19  
Orange County Government  
$221,027  
College of Sciences

Bryer, Thomas  
UCF Downtown Partnership AmeriCorps Planning Program  
Volunteer Florida  
$73,981  
College of Community Innovation and Education

Carney, Michael | Smith, Eileen  
E2i Creative Studio: Lightning  
Kentucky Science Center  
$10,000  
School of Modeling Simulation and Training
Chang, Ni-bin
Bench-Scale Evaluation of Filtration Media for Color Removal
St. Johns River Water Management District
$15,000
College of Engineering and Computer Science

Chini, Michael | Ishigami, Masahiro | Neupane, Madhab | Turkowski, Volodymyr
Direct Observation of Lightwave-Driven Currents in Conventional and Quantum Insulators
USAF Office of Scientific Research
$222,657
College of Sciences

Chisholm, Latarsha
The Use of Adult Day Programs Among Caregivers of Persons Living with Dementia
Learning Institute for Elders at UCF
$5,000
College of Community Innovation and Education

Choi, Eunice
Small Business Development Center Kissimmee
Kissimmee Osceola County Chamber of Commerce
$70,000
Presidential Division

Crabbs, Robert
Naval Information Warfare Center Pacific Work at TISTEF During 2020
Naval Information Warfare Center Pacific
$141,087
College of Optics and Photonics

Cruz-Neira, Carolina | Reiners, Dirk
Visualization Tools for Land/Sea Cargo Scanning, Cargo Conveyance Security
Board of Trustees University of Arkansas
$884,904
College of Engineering and Computer Science

Dever, Amanda
Volunteer Florida Agreement
Volunteer Florida
$18,435
Student Development and Enrollment Services

Dove, Adrienne
COMplex PlAsma faCiliTy for ISS Science Definition Team
California Institute of Technology JPL
$30,000
College of Sciences
Dvorak, Robert | Dunn, Michael | Hall, Thomas
An Adaptive Mobile Intervention to Increase Safe Drinking Strategies Using Deviance Regulation Theory
National Institute for Alcohol Abuse and Alcoholism
$410,402
College of Sciences

Ehrhart, Mark
Statewide System and Organizational Strategy for Evidence-Based Practice Implementation and Sustainment in Adolescent Substance Use Disorder Treatment
University of California at San Diego
$118,013
College of Sciences

Ehrhart, Mark
An Organizational Intervention to Promote Strategic Implementation in Schools
University of Washington
$19,985
College of Sciences

Eluru, Naveen
Census Transportation Data Field Guide for Transportation Applications
Cambridge Systematics, Inc.
$60,824
College of Engineering and Computer Science

Eluru, Naveen | Abdel-Aty, Mohamed
The Effect of Vehicle Mix on Crash Frequency and Crash Severity
National Academy of Sciences
$100,000
College of Engineering and Computer Science

Emery, Kimberly
Exploration of the Oral Microbiome in Non-Ventilated Hospitalized Patients
National Institute of Nursing Research
$32,435
College of Nursing

Fang, Li
Probing Ultrafast XUV/X-Ray Induced Electron Correlation in the Molecular Frame
U.S. Department of Energy
$185,000
College of Sciences

Gaume, Romain
Scalable, Cost-Effective Ceramic Scintillators for X-ray Radiography
U.S. Department of Homeland Security
$297,598
Advanced Materials Processing and Analysis Center
Gaume, Romain | Richardson, Kathleen
Calcium Lanthanum Sulfide Durable Windows & Optics
Lockheed Martin Missiles
$114,000
Advanced Materials Processing and Analysis Center

Hanney, William
Perceived Barriers to Accessing Physical Therapy Services in Florida Among Individuals with Low Back Pain
Florida Physical Therapy Association
$5,000
College of Health Professions and Sciences

Hoffman, Eric
Using Genomics to Uncover the Evolutionary History of Florida’s Flamingo
The Zoo Miami Foundation
$10,000
College of Sciences

Jones, Dayle
UCF-Aspire Behavioral Health Paraprofessional Training Program
Health Resources and Services Administration
$479,733
College of Community Innovation and Education

Kamrath, Mark | French, Scot | Giroux, Amy | Janz, Bruce | Lester, Connie | Shier, Mike
Expanding UCF’s Center for Humanities and Digital Research Infrastructure, Research, and Public Programming
National Endowment for the Humanities
$13,879
College of Arts and Humanities

Kwok, Kawai
Theoretical and Experimental Investigations of Nonlinear Viscoelasticity and Time-Dependent Yielding of Thin-Ply Composites
AnalySwift, LLC
$37,500
College of Engineering and Computer Science

Lamanna, Jacqueline | Quelly, Susan
Preventing Type 2 Diabetes in Low-Income Minority Women with Prior Gestational Diabetes
The Swift Family Foundation
$10,000
College of Nursing

Lyakh, Arkadiy
Affordable and Efficient High-Power Long Wavelength Infrared Quantum Cascade Lasers
IRGlare, LLC
$15,000
NanoScience Technology Center
Lyakh, Arkadiy
Mid-Wave Infrared PIC-Based Coherent Beam Combining
IRGlare, LLC
$49,000
NanoScience Technology Center

Mahalanobis, Abhijit
Cross Platform Reinforcement and Transfer Learning for Periscope Imagery
Mayachitra, Inc.
$41,999
Center for Research in Computer Vision

Mantzaris, Alexander
Natural Language Processing Tasks with Semi-Structured Text
Sandia National Labs
$30,001
College of Sciences

Meshesha, Lidia
Mobile Health Intervention to Increase Substance-Free Activities During Alcohol Treatment
National Institute for Alcohol Abuse and Alcoholism
$193,320
College of Sciences

Metzger, Philip
Testing Deep Cratering Physics to Inform Plume Effects Modeling
Masten Space Systems, Inc.
$100,162
Florida Space Institute

Neff, Donna
Hospital Readmission After Abdominal and Colorectal Surgeries: A Qualitative Analysis
Metropolitan Orlando Chapter of AACN
$1,945
College of Nursing

Nigusse, Bereket | Sonne, Jeffrey
Florida Department of Business Professional Regulations
$75,000
Florida Solar Energy Center

Phanstiel, Otto
Spermine Pro-Drug Development
Snyder-Robinson Foundation
$30,000
College of Medicine
Raghavan, Seetha | Vasu Sumathi, Subith
Mapping a Trajectory for STEM Readiness in Space Technology
NASA Shared Services Center
$39,999
College of Engineering and Computer Science

Rains, Mari
2020-2021 John Scott Daily Florida Institute of Government
Florida State University
$85,000
College of Health Professions and Sciences

Reyes-Foster, Beatriz
Social & Moral Factors in Post-Hurricane Evacuation Decisions: Implications for Well-Being
University of Massachusetts
$20,662
College of Sciences

Seigneur, Hubert
Demonstration of Cable Based Capacitor Technology in Renewable Energy Sector
Capacitech Energy LLC
$16,292
Florida Solar Energy Center

Shah, Mubarak | Elgohary, Tarek
Cognitive Sense Making
Lockheed Martin Corporation
$247,500
Center for Research in Computer Vision

Shah, Mubarak | Rawat, Yogesh Singh
Deceptive Neural Network Attack Signature Identification
Defense Advanced Research Projects Agency
$556,000
Center for Research in Computer Vision

Solihin, Yan
Curriculum Plan at UCF to Teach Heterogenous Computing and Non-Volatile Memory Using
Intel Technologies
Intel Corporation
$25,000
College of Engineering and Computer Science

Sonne, Jeffrey | Withers, Charles
Lab and Field Evaluation of Condensation Potential in Buried Ducts in Vented Attics Located in the Hot and Humid Climate Zones
Owens Corning
$168,858
Florida Solar Energy Center
Swan, Bonnie
Non-Profit Private Schools Needs Assessment
Florida Department of Education
$25,000
College of Community Innovation and Education

Tigno-Aranjuez, Justine
Negative Regulation of Allergic Asthma by LMAN1, a Novel Receptor for House Dust Mite
American Lung Association
$75,000
College of Medicine

Wahl, Thomas
Developing a Scalable Framework for Compound Flood Risk Assessment
U.S. Army Corps of Engineers
$336,824
College of Engineering and Computer Science

Walters, Linda | Kelley, Michelle
Oysters, Wading Birds, Hospitalized Children
Disney Conservation Fund
$50,000
College of Sciences

Walters, Lori
Support for Simulation-Based Training to Simetri, Inc.
SIMETRI, Inc.
$10,000
School of Modeling Simulation and Training

Wang, Liqiang
Privacy Enhancing Technologies: Tools and Techniques
Unknot.id, Inc.
$25,000
College of Engineering and Computer Science

Willenberg, Bradley | Parks, Griffith
Impacts of Light and Surface-Modification Treatments on Viral Infectivity
Healthe, Inc.
$28,283
College of Medicine