Abouraddy, Ayman | Christodoulides, Demetrios | Dogariu, Aristide | Schepler, Kenneth
Classical Entanglement in Structured Optical Fields
Office of Naval Research
$1,500,000
College of Optics and Photonics

Bagci, Ulas
Radiologist-Centered Artificial Intelligence for Lung Cancer Screening and Diagnosis
National Cancer Institute
$576,431
Center for Research in Computer Vision

Beever, Jonathan | Klonoff, Elizabeth | Kuebler, Stephen | Pinkert, Laurie
Intersections of Moral Foundations and Ethics Frameworks in STEM Enculturation
National Science Foundation
$599,301
College of Arts and Humanities

Bennett, Christopher
The Influence of Carbon-Bearing Species During the Space Weathering of Asteroids and Meteorites: Implications for Remote Observations and the Production of Complex Molecules
NASA Shared Services Center
$15,518
College of Sciences

Caranto, Jonathan
Mechanism of O2-Dependent Nitramine Degradation by a Heme Enzyme
U.S. Army Contracting Command
$585,369
College of Sciences

Cooper, Katelyn
Undergraduate Learning Environments in Biology
National Science Foundation
$74,319
College of Sciences

Dagley, Melissa | Leavens, Gary
Computer Science Pathway for Woman
Northeastern University
$525,000
College of Engineering and Computer Science
Donley, Amy
First Responders - Comprehensive Addictions Recovery Act Grant
Orange County Board of County Commissioners
$74,459
College of Sciences

Driggers, Ronald | Renshaw, Kyle
Near-Infrared Camera for Burmese Python Detection
Florida Fish and Wildlife Conservation Commission
$249,830
College of Optics and Photonics

Fu, Yanjie
Substructure-Aware Spatiotemporal Representation Learning
National Science Foundation
$75,000
College of Engineering and Computer Science

Gao, Su
Developing a Practice-Based Interdisciplinary Teacher Preparation Program at the Intersection of Science, Second Language, and Literacy Acquisition
National Science Foundation
$300,000
College of Community Innovation and Education

Ge, Yue | Hall, Jeremy | Kapucu, Naim | Wang, Liqiang
Leveraging Smart Technologies and Managing Community Resilience Through Networked Communities and Cross-Sector Partnerships
National Science Foundation
$1,225,000
College of Community Innovation and Education

Ghosh, Ranajay
Origins of Damping in Biomimetic Scale Exoskeletal Metamaterials and Their Influence on Limit Cycles
National Science Foundation
$252,582
College of Engineering and Computer Science

Hagan, David
Nonlinear Optical Measurements of Inorganic and Organic NLO Materials
KBR Wyle Services, LLC
$30,000
College of Optics and Photonics

Hoffman, Phil
WUCF: Florida DOS Cultural Affairs FY 2021 – 2022
Florida Department of State
$49,413
Communications and Marketing
Kaden, William | Feng, Xiaofeng | Liu, Fudong | Seal, Sudipta | Tetard, Laurene
Acquisition of a Near Ambient Pressure X-ray Photoelectron Spectroscopy Apparatus for Research and Education
National Science Foundation
$542,486
College of Sciences

Kapat, Jayanta
Multi-Jet NPR Heat
Siemens Canada Ltd.
$7,295
College of Engineering and Computer Science

Kilbride, Mike
Administrative Support
University of South Florida
$190,000
Presidential Division

Kilbride, Mike
stemCONNECT
University of South Florida
$85,000
Presidential Division

Kilbride, Mike
FLVEC
University of South Florida
$20,000
Presidential Division

Kinzel, Michael
CFD Design, Analysis, and Support for Dragonfly
Pennsylvania State University
$10,000
College of Engineering and Computer Science

Kourova, Alla
2020 STARTALK University of Central Florida Board of Trustees
National Security Agency
$89,740
College of Arts and Humanities

Mahalanobis, Abhijit
Compressed Convolutional Neural Network with Spectral Learning
Lockheed Martin Missiles
$50,000
Center for Research in Computer Vision
Mansfield, Kate | Forsman, Anna | Savage, Anna | Seney, Erin
Understanding Genomic, Behavioral, and Microbial Drivers of Ontogenetic Shifts in Early Sea Turtle Foraging Ecology and Habitat Use
Florida Institute of Oceanography
$339,867
College of Sciences

Metzger, Philip
Maturing Ejecta STORM for Lunar Delivery
NASA Shared Services Center
$482,991
Florida Space Institute

Metzger, Philip
Ultra Low-Energy Lunar Water Extraction
NASA Shared Services Center
$124,999
Florida Space Institute

Poziemski, Elizabeth | Baudot, Lisa
An Examination of Auditor Evidence Sufficiency Determinations
Association of International Certified Professional Accountants
$8,000
College of Business

Quintana-Ascencio, Pedro
Potential Mechanisms of Population Decline
U.S. Government
$10,779
College of Sciences

Schrimshaw, Eric
Acceptability of HIV Treatment as Prevention among MSM
Trustees of Columbia University New York
$18,337
College of Medicine

Shah, Mubarak | Rawat, Yogesh Singh
Discovering Schemas from Diverse Data
University of Southern California
$84,002
Center for Research in Computer Vision

Solihin, Yan | Shah, Mubarak
Scaling Secure Serverless Computing on Heterogeneous Datacenters
National Science Foundation
$83,557
College of Engineering and Computer Science
**Song, Sang-Eun**
FW-HTF-P Future Healthcare Technologies and Multidisciplinary Workforce Readiness
National Science Foundation
$150,000
College of Engineering and Computer Science

**Southwell, Amber**
Evaluating Antibody Distribution and Target Engagement in a Mouse Model of Huntington Disease
AFFiRiS AG
$109,978
College of Medicine

**Stevens, Kelly**
Impact Analysis of Power Purchase Agreements in Florida
Solar United Neighbors
$10,000
College of Community Innovation and Education

**Vasu Sumathi, Subith**
Combustion Investigation of Fuel-Oxidizer Mixtures at Conditions Relevant to Supercritical Combustors
Argonne National Laboratory
$100,000
College of Engineering and Computer Science

**Vasu Sumathi, Subith**
Combustion Investigation of Fuel-Oxidizer Mixtures at Conditions Relevant to Supercritical Combustors
University of Chicago
$100,000
College of Engineering and Computer Science

**Vela, Adan | Karwowski, Waldemar | Keathley, Heather**
Supervise It! Optimizing Intelligent Robot Integration Through Feedback to Workers and Supervisors
National Science Foundation
$1,042,683
College of Engineering and Computer Science

**Walters, Linda**
3rd Party Cash Cost Share Related to Award 000007891
Coastal Conservation Association Florida
$5,000
College of Sciences

**Wang, Jun | Awad, Amro | Guo, Zhishan**
Data Centric Computing for Scalable Heterogeneous Memory and Storage Systems Architecture
National Science Foundation
$250,000
College of Engineering and Computer Science
Wu, Shintson
Photostable High Birefringence Liquid Crystals
Sony Corporation
$100,000
College of Optics and Photonics

Yao, Fan
Understanding and Taming Deterministic Model Bit Flip Attacks in Deep Neural Networks
National Science Foundation
$250,000
College of Engineering and Computer Science