Ahmed, Kareem
Distinguished Fellow: Advanced Flow-Independent Fuel Injector for Naval Propulsion
Office of Naval Research
$2,016,301
College of Engineering and Computer Science

Ahmed, Kareem
Dynamics and Scales of Stabilized and Rotating Oblique Detonation Waves for Hypersonic and Space Propulsion
US Air Force Office of Scientific Research
$250,000
College of Engineering and Computer Science

Ahmed, Kareem
Flight Experiment Design and Preparation for Standing Oblique Detonation Fundamentals for Hypersonic Propulsion
US Air Force Office of Scientific Research
$150,000
College of Engineering and Computer Science

Amezgua Correa, Rodrigo | Schulzgen, Axel
High Brightness Hollow Core Fiber Laser Beam Delivery
US Army Contracting Command
$472,000
College of Optics and Photonics

Amezgua Correa, Rodrigo
Developing Optimally Customized-Mode-Selective Photonic Lanterns to Enable the Characterization of Hundreds of Exoplanets on Solar System Scales
California Institute of Technology
$80,000
College of Optics and Photonics
Anagnostopoulos, Vasileios | Vasu Sumathi, Subith
Consortium for Nuclear Forensics
University of Florida
$287,596
College of Sciences

Andraka-Christou, Barbara
Improving Outcomes for Substance-Affected Families In The Child Welfare System
Vanderbilt University Medical Center
$70,180
College of Community Innovation and Education

Antonio-Lopez, Jose
High Power Optical Angular Momentum Mode Multiplexer
Olkin Optics, LLC
$27,775
College of Optics and Photonics

Apostolakis, Georgios
Florida Prestressed Concrete Association
Florida Prestressed Concrete Association
$10,000
College of Engineering and Computer Science

Beazley, Melanie
Lake Morton Sediment Microbial DNA Study
Geosyntec Consultants, Inc.
$23,528
College of Sciences

Beazley, Melanie
Boggy Creek Bacteria BMP Feasibility
Geosyntec Consultants, Inc.
$19,640
College of Sciences
Chanda, Debasis
Dynamically Tunable Ultrafast Uncooled LWIR Camera based on One-Atom Thick Graphene
Sony Corporation
$100,000
Office of Research

Chisholm, Latarsha
GUIDE+ACP Video Intervention Implementation in Nursing Homes
Brown University
$129,600
College of Community Innovation and Education

Choi, Eunice
SBDC Osceola County 2023-2024
Kissimmee/Osceola County Chamber of Commerce
$70,000
President - Small Business Development Center

Dooley, Elizabeth
Preparing Next-Gen Special Education Teacher (SET)/ Scholars: Focus on Equity Mindset and student-centered approaches that achieve equitable outcomes for all learners at a Hispanic Serving Institution
US Department of Education
$249,984
College of Community Innovation and Education

Emrich, Christopher
Support to Orange County’s Response to CDBG-DR Impact and Unmet Needs Assessment
Orange County Board of County Commissioners
$19,441
College of Community Innovation and Education

Gaume, Romain
Engineered Scintillator Ceramics for High-Performance Dual Gamma/Neutron Detection
CapeSym, Inc
$1,682,077
College of Optics and Photonics

Gibson, Jane | Deichen, Michael | Schaus, James | Schmidt-Owens, Mary
cobas® liat SARS-CoV-2, Influenza A/B & RSV Nucleic Acid Test
Roche Molecular Systems, Inc
$238,900
College of Medicine

**Hill, Ethan**
Validity of an Algorithm-Based Determination of Total Arterial Occlusion Pressure Relative to Pulsed Wave Doppler
Suji's BFR Technology
$12,238
College of Health Professions and Sciences

**Johnson, Emily | Korosy, Alice | Miller, Brook | Pegoraro, Evelin | Sousa, Sandra | Vitanova, Gergana**
Exploring Language Learning with Educational Computer and VR Games
US Department of Education
$101,379
College of Arts and Humanities

**Kinzel, Michael**
CFD Design, Analysis, and Support for Dragonfly-Revision
Pennsylvania State University
$74,580
College of Engineering and Computer Science

**Kirkegard, Belinda**
General Support of the National Entrepreneur Center
BankUnited, N.A.
$10,000
President - National Entrepreneurial Center

**Kirkegard, Belinda**
NEC Support Service for the City of Winter Park Small Business Pilot Program
City of Winter Park
$10,000
President - National Entrepreneurial Center

**Logue, CarolAnn Dykes**
UCF Business Incubator Interlocal Agreement FY24 - City of Kissimmee
City of Kissimmee
$150,000
President - Business Incubation Program

Logue, CarolAnn Dykes
UCF Business Incubator Interlocal Agreement FY24 - Osceola County (ID: AWD00005886)
Osceola County
$60,000
President - Business Incubation Program

Mansy, Hansen
Data Acquisition and Spectral Analysis: A Virtual Experiment For Mechanical and Aerospace Engineering Students
MathWorks, Inc.
$10,000
College of Engineering and Computer Science

Martinez, Omar
Improving HIV Care Continuum Outcomes Among Formerly Incarcerated Individuals Through Critical Time Legal Interventions
University of Miami
$170,565
College of Medicine

Mckinley, Jennifer
Growth Accelerator Fund Competition Stage 2
Small Business Administration
$150,000
President - Florida High Tech Corridor Council

McMahan, Ryan | Azevedo, Roger | Laviola II, Joseph
Multimodal Team-Performance Models for Assessing and Influencing Team-Dimension Competencies in Virtual Reality
US Army Contracting Command
$387,776
College of Engineering and Computer Science

Mouton, Christine
2023-2024 VOCA Grant
Florida Office of the Attorney General
$111,306
Public Safety

Mozena, Mindy
McKnight Center of Excellence National Achiever Society
Florida Education Fund
$26,000
Student Success and Well-Being

Park, Joon-Hyuk
FSGC-Biosleeve for Health Monitoring
NASA Shared Services Center
$3,000
College of Engineering and Computer Science

Pinilla-Alonso, Noemi
The Moons of Uranus: A NIRSpec Investigation of Their Origins, Organic Constituents, and Possible Ocean World Activity
Space Telescope Science Institute
$8,128
Office of Research

Pourmohammadi Fallah, Yaser
Communication Requirements and Optimal Configurations for Automated Vehicle Marshalling (AVM) Applications
Ford Motor Company
$60,000
College of Engineering and Computer Science

Rivera, Manuel
Experts Academy-Training Curriculum for Tourism Pioneers Program in Saudi Arabia
Experts Academy
$65,912
Rosen College of Hospitality Management

Seal, Sudipta | Coathup, Melanie | Parks, Griffith
Nanobased Residual Active Disinfectant (NanoRAD) to Reduce Hospital Acquired Infections
Kismet Technologies, LLC
$325,000
College of Engineering and Computer Science

**Seney, Erin | Mansfield, Kate**
Fall 2023-Spring 2025 Sea Turtle Nesting Surveys and Construction Monitoring in Support of the Brevard County Mid Reach Renourishment Project
US Army Corps of Engineers
$220,124
College of Sciences

**Seney, Erin | Mansfield, Kate**
Fall 2023-Spring 2025 Sea Turtle Nesting Surveys and Construction Monitoring in Support of the Brevard South Reach Shore Protection Project
US Army Corps of Engineers
$217,211
College of Sciences

**Shah, Mubarak**
Dataset Distillation in Videos
Cisco University Research Program Fund
$99,957
Office of Research

**Stevens, Kelly | Davis, Kristopher | Emrich, Christopher | Ge, Yue | Marsh, L. Trenton | Qu, Zhihua | Wang, Liqiang**
CIVIC-FA Track A: Reimagining Urban Resilience and Education Hubs Using a Community-Engaged, Equity-Centered Approach
National Science Foundation
$970,975
College of Community Innovation and Education

**Vasu Sumathi, Subith**
Demonstration Of a Rotating Detonation Engine in a Gas Turbine
General Electric Global Research Center
$137,393
College of Engineering and Computer Science

**Vasu Sumathi, Subith**
SUPERSAF-SAF for Low Emission Supersonic Transport
NASA Shared Services Center
Vela, Adan
A CNS Digital Twin Framework for AAM
NASA Shared Services Center
$50,000
College of Engineering and Computer Science

Walters, Linda | Donnelly, Melinda
Charging on: Habitat Restoration in Mosquito Lagoon, Florida
Indian River Lagoon Council
$127,713
College of Sciences

Zhou Sun, Qun
Development of OUC GIL Microgrid Controller
Orlando Utilities Commission
$75,000
College of Engineering and Computer Science - Electrical and Computer Engineering - Research