**Agarwal, Shaurya**  
Developing and Evaluating Smart Work Zone Applications  
Florida International University  
$120,000  
College of Engineering and Computer Science

**Ahmed, Kareem**  
Oblique Detonation Waves for Ultra-High Mach Hypersonic and Space Propulsion  
U.S. Army Contracting Command  
$800,000  
College of Engineering and Computer Science

**Ahmed, Kareem**  
Testing of Hydrogen Axial Fuel Staging Premixers  
General Electric Global Research Center  
$305,373  
College of Engineering and Computer Science

**Altomare, Deborah | Fraser, Amoy | Zhu, Xiang**  
Translational Utility of Tumor-Derived FGF19 in a Novel Blood-Based Endocrine Suppression Approach  
Florida Department of Health  
$588,600  
College of Medicine

**Anderson, Mindi**  
Memorandum of Understanding Between UCF College of Nursing and Florida Southern College  
Florida Southern College  
$3,500  
College of Nursing

**Beazley, Melanie**  
Longbranch Big Econ Assessment  
Drummond Carpenter, PLLC  
$16,439  
College of Sciences

**Bochenek, Grace**  
Oak Ridge Enhanced Technology and Training Center Steering Committee - Dr. Bochenek  
Oak Ridge Associated Universities
$11,556  
School of Modeling, Simulation, and Training - Institute for Simulation and Training

**Branting, Scott**  
Kerkenes Project 2023  
The Merops Foundation  
$38,500  
College Of Sciences

**Bridge, Candice**  
Service Request for Twelve Tabulae  
Twelve Tabulae  
$2,277  
College of Sciences

**Brisset, Julie**  
FSI-NASA Road Tour  
NASA Langley Research Center  
$58,756  
Florida Space Institute

**Guo, Zhaomiao**  
A Decentralized Optimization Framework for Next-Gen Transportation and Power Systems with Large-Scale Transportation Electrification  
National Science Foundation  
$525,781  
College of Engineering and Computer Science

**Gurel, Basak**  
Floer Theory and Topological Entropy  
National Science Foundation  
$247,552  
College of Sciences

**Jewett, Travis**  
Chlamydia Type III Effectors Affecting the Host Actin-Based Cytoskeleton  
University of Kentucky Research Foundation  
$71,372  
College of Medicine

**Kwok, Kawai**  
Longeron Assembly and Truss Bay Study  
California Institute of Technology, Jet Propulsion Laboratory  
$59,909  
College of Engineering and Computer Science
Leon, Lorraine
Engineering Dynamic Peptide Droplets
3M
$15,000
College of Engineering and Computer Science

Li, Guifang | Pang, Sean
2.5D Photonic Integration for Imaging and Information Processing
U.S. Army Contracting Command
$799,999
College of Optics and Photonics

Lighthall, Nichole
Research Network on Decision Neuroscience and Aging
University of Texas at Dallas
$24,522
College of Sciences

Logue, CarolAnn Dykes
City of Eustis / UCFRF Business Incubator Partnership Agreement 2023-2026
City of Eustis
$600,000
Business Incubation Program

Lyakh, Arkadiy
High Performance Continuous Wave Quantum Cascade Lasers Immune to Output Facet Optical Damage
IRGlare, LLC
$70,000
NanoScience Technology Center

Martino, Lisa
Middle Grades CTE Accelerator Initiative
Luminary Labs, LLC
$110,000
College of Community Innovation and Education

McMahan, Ryan
Capturing and Logging Ecological Virtual Experiences and Reality
National Science Foundation
$115,965
College of Engineering and Computer Science

McMahan, Ryan | Mucciolo, Eduardo
Advancing Quantum Education by Adaptively Addressing Misconceptions in Virtual Reality
National Science Foundation
$451,673
College of Engineering and Computer Science

**Metcalf, David**
Oak Ridge Enhanced Technology and Training Center Steering Committee – Dr. Metcalf
Oak Ridge Associated Universities
$11,556
School of Modeling, Simulation, and Training

**Mousseau, Michael**
Cross-National Survey Experiment of the Commercial Norms of Contract
Institute for Humane Studies
$17,100
College of Sciences

**Newsome, A’Naja**
Dose-Response Effect of Exercise on Depression and BDNF in Sedentary Young Adults
American College of Sports Medicine Foundation
$10,000
College of Health Professions and Sciences

**Nguyen, Hung**
Targeting Medium Chain Fatty Acid Metabolism for The Treatment of Chronic Graft-Versus-Host Disease
National Heart, Lung, and Blood Institute
$582,689
College of Medicine

**Okumus, Fevzi**
Rosen College, UCF & School of Business, AUC Faculty Development Partnership
The American University in Cairo
$18,000
Rosen College of Hospitality Management

**Perotti, Luigi**
How Does the Heart Contract? A Microstructure-Based Approach to Understand Cardiac Function and Dysfunction
National Science Foundation
$520,769
College of Engineering and Computer Science

**Pourmohammadi Fallah, Yaser**
ML Based Comm Models
Ford Motor Company
$50,000
College of Engineering and Computer Science
Ram, Daniel
Regulation of NK Cell Antiviral Responses Through Alternative Splicing
National Institutes of Health
$265,827
College of Medicine

Richardson, Kathleen | Banerjee, Parag | Gaume, Romain
2023 UWIN
Lockheed Martin Missiles and Fire Control
$50,000
College of Optics and Photonics

Santra, Swadeshmukul
Systemic Formulations of Antibacterial Nanoparticles for Pierce’s Disease Management
Auburn University
$37,450
College of Sciences

Scheidell, Joy
Overdose Risk Management and Compensation in the Era of Naloxone
New York University
$15,000
College of Health Professions and Sciences

Schlozthauer, Ann
Predictors of Constructive Voice Behavior in Organizational Newcomers
Psi Chi
$1,480
College of Sciences

Schreiber, Jeanette
UCF Sustainable CRC Screening Through Evidence-Based Interventions
EXACT Sciences Corporation
$75,000
College of Medicine

Sonne, Jeffrey
2023 Solar Roof Installation Research Project FSEC Flexible Residential Test Facility
GAF Energy, LLC
$65,000
Florida Solar Energy Center

Southwell, Amber
Evaluation of Oligonucleotides Delivered by Microemulsion for Huntingtin Suppression in a Mouse Model of Huntington Disease
Medesis Pharma  
$50,666
College of Medicine

**Sun, Patrick**
Data-Informed Scenario Planning for Mobility Decision Making in Resource Constrained Communities
The Regents of the University of Michigan  
$15,000
College of Engineering and Computer Science

**Tetard, Laurene**
Development of an Infrared-Functionalized Microbalance Sensor for Cyclospora Cayetanensis Detection and Differentiation
U.S.D.A Agricultural Research Service  
$46,582
NanoScience Technology Center

**Vasu Sumathi, Subith | Lyakh, Arkadiy**
Multi-QCL Laser Absorption Diagnostics for Energetic Materials Performance and Hypersonic Flow Fields Under Extreme Environments
U.S. Army Research Office  
$800,000
College of Engineering and Computer Science

**Villalba, Karina**
Los Efectos del COVID Persistente en la Salud Mental y Rendimiento Académico en Jovenes Estudiantes en Andalucía España
Andalusian Studies Centre Foundation  
$36,213
College of Medicine

**Watson, Keri**
NEA Big Read
Arts Midwest  
$20,000
College of Arts and Humanities

**Welch, Gregory**
Virtual Experience Research Accelerator
National Science Foundation  
$801,233
College of Nursing

**Wilson, Lauren**
Building Community and Resilience Through an Adapted, Aphasia-Friendly, Chair Yoga Therapy Program for People with Acquired Brain Injury and Their Care-Partners
Orlando Health
$21,614
College of Health Professions and Sciences

Wu, Annie
Advanced Insulin Delivery to Reduce Impaired Awareness of Hypoglycemia in a T1D Cohort
Adventist Health System
$36,103
College of Engineering and Computer Science

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

Yong, Jiongmin
Several Problems of Stochastic Optimal Controls in Infinite Time Horizon
National Science Foundation
$254,125
College of Sciences

Zavodny, Emily
Scheduling the Seasons: Faunal and Isotopic Evidence for Agro-Pastoral Practices in Bronze Age Lika, Croatia
Archaeological Institute of America
$13,975
College of Sciences

Zeligman, Melissa
Systemic School Treatment and Response Project
U.S. Department of Education
$991,457
College of Community Innovation and Education