



Monthly New Awards – February 2023

Abdel-Aty, Mohamed | Tice, Patricia

Developing Data Sources and Standards for Supporting Arterial TSM&O Implementation of the Statewide Arterial Management Program

Florida Department of Transportation

\$164,295

College of Engineering and Computer Science

Backes, Bethany | O'Connor, Julia

Enhancing the Public Health Response to Domestic Violence in the Context of COVID-19

Arizona State University

\$65,088

College of Community Innovation and Education

Beazley, Melanie

Orange County Environmental Water Study 2022-2023 Phase I

Orange County Department of Environmental Protection

\$7,688

College of Sciences

Chanda, Debashis

Bioinspired Frequency Modulation Based Uncooled LWIR Detection

Samsung Semiconductor, Inc.

\$150,000

NanoScience Technology Center

Concha, Maritza

OCCC Financial Management for Nonprofits Seminar Series

Orange County Board of County Commissioners

\$175,410

College of Community Innovation and Education

Eikenberry, Stephen

Photonic Quantum-Inspired Imager for the AFRL Grand Challenge

Eccalon, LLC

\$500,000

College of Optics and Photonics

Eluru, Naveen | Abdel-Aty, Mohamed

Evaluating the Impacts of Real-Time Warnings and Variable Speed Limits on Safety and Travel Reliability During Weather Events

University of Connecticut
\$31,929
College of Engineering and Computer Science

Emrich, Christopher | Concha, Maritza
Improving Disaster Recovery Outcomes for Renters
Horne, LLP
\$320,388
College of Community Innovation and Education

Gibson, Jane
Clinical Evaluation of the Xpert Xpress CT/NG Test in Female Specimens Protocols
Cepheid
\$168,885
College of Medicine

Gou, Jihua | Ahmed, Kareem
Ceramic Matrix Composites for H2 Combustion
U.S. Department of Energy
\$798,964
College of Engineering and Computer Science

Hill, Peggy
Saving Maternal Lives Through Interruption Management Training
Laerdal Foundation
\$35,000
College of Nursing

Huang, Arthur
Redesigning an Evidence-Based Framework for Entrepreneurship and Resilience
Venture Well
\$29,250
Rosen College of Hospitality Management

Kuang, Lanlan
Reaching for the Stars as a Global Citizen: An Intellectual Journey of Asia and the World
Eurasia Foundation
\$40,000
College of Arts and Humanities

Liu, Fudong
The Three-Way Catalysts Evaluation Under Simulated Gasoline Vehicle Exhaust Conditions
Neo Performance Materials Singapore Pte. Ltd.
\$30,000
College of Engineering and Computer Science

Logue, CarolAnn Dykes

Orange County Economic Development 2022-2023

Orange County Board of County Commissioners

\$581,634

Business Incubation Program

Mansfield, Kate | Seney, Erin

2023 Sea Turtle Nesting Surveys in Support of Brevard County South Reach Renourishment Project

U.S. Army Corps of Engineers

\$120,400

College of Sciences

Naser, Saleh

Nemours GRA Support

The Nemours Foundation

\$45,868

College of Medicine

Renshaw, Kyle | Mahalanobis, Abhijit

UAS Python Detection System

Florida Fish and Wildlife Conservation Commission

\$115,117

College of Optics and Photonics

Sami, Naveed

A Multi Center, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Dupilumab in Adult Patients With Bullous Pemphigoid
Regeneron Pharmaceuticals, Inc.

\$103,180

College of Medicine

Seney, Erin | Mansfield, Kate

2023 Sea Turtle Construction Monitoring at Oceanus Condos

Oceanus Owners Association, Inc

\$1,353

College of Sciences

Sohn, Yongho

Additive Manufacturing of Advanced Metallic Alloys

Battelle Energy Alliance, LLC/Idaho National Laboratory

\$49,772

College of Engineering and Computer Science

Solihin, Yan

Real-Time and Resilient DNN Deployment in Edge System

Ministry of Education, Culture, Research, and Technology Republic of the Indonesia

\$30,000

College of Engineering and Computer Science

Southwell, Amber

Optimizing HTT BAC Clones for Global Genetic Modeling Applications

CHDI Foundation, Inc.

\$141,124

College of Medicine

Sugaya, Kiminobu

Detection of Amyloid by Photoacoustic Sensor

Progenicyte

\$5,000

College of Medicine

Super, John

Fostering Integration of Spiritual Competency Training in Mental Health Graduate Education

University of South Alabama

\$40,000

College of Community Innovation and Education

Vodopyanov, Konstantin

Stabilization System for Ultra-Low-Noise Broadband Mid-IR to THz Dual Frequency Comb Spectrometer for Standoff Chemical Sensing

U.S. Air Force Office of Scientific Research

\$150,500

College of Optics and Photonics