Monthly New Awards – April 2022

**Anderson, Mindi | Diaz, Desiree | McMahan, Ryan**
Development and Evaluation of a Newborn Augmented Reality Scenario for Nursing Incorporating Diversity
The Swift Family Foundation
$11,000
College of Nursing

**Baudelet, Matthieu**
Pre-Grouping of Commingled Human Skeletal Remains by Elemental Analysis
National Institute of Justice
$240,594
College of Sciences

**Bernath, Robert**
TISTEF BAH - SLF Test B 3/2022
Booz Allen Hamilton, Inc.
$175,739
Office of Research

**Branting, Scott**
Kerkenes Project 2022
The Merops Foundation
$38,500
College of Sciences

**Brisset, Julie**
FSI and/or Arecibo Support
Various
$5,902
Florida Space Institute

**Bryer, Thomas**
Exploring the Role of Adaptive Capacity on Democratic Performance: Governmental and Nonprofit Organizations in the Pandemic
National Science Foundation
$199,999
College of Community Innovation and Education

**Castiglioni, Analia**
National Board of Medical Examiners OSCE for Clinical Reasoning Creative Community
National Board of Medical Examiners
$75,000
College of Medicine
Caudy, Michael
Recovery Enhancement Project
Orange County Health Department
$30,780
College of Community Innovation and Education

Cook, Jennifer
WUCF: CPB Community Service Grant FM 21- 23
Corporation for Public Broadcasting
$102,584
Communications and Marketing

Cook, Jennifer
WUCF: CPB Community Service Grant TV 2021- 2023
Corporation for Public Broadcasting
$31,836
Communications and Marketing

Emrich, Christopher
Hazard and Dataset Identification and Risk Assessment Method Creation
East Central Florida Regional Planning Council
$35,000
College of Community Innovation and Education

Fairey, Philip
Development of RESNET Building Registry XSD Schema Version 3
Residential Energy Services Network
$15,178
Florida Solar Energy Center

Fuehr, Stephanie
Exploring Bioarchaeological and Forensic Implications of Multi-Isotope Analyses on Commingled Human Remains
Rust Family Foundation
$6,000
College of Sciences

Gu, Lixing | Nigusse, Bereket | Raustad, Richard
EnergyPlus Software Development and Technical Assistance
Alliance Sustainable Energy LLC/NREL
$150,000
Florida Solar Energy Center

Heinrich, Mark
H4D Program
Common Mission Project
$15,000
College of Engineering and Computer Science
Johnson, Matthew
Matthew Johnson Spring 2022 Course Buyout
Winter Park Design, Inc.
$9,313
College of Arts and Humanities

Kaufman, Joshua | Tan, Felix
Glass-Polymer Composite Fibers Phase 2
Corning, Inc.
$23,750
College of Optics and Photonics

Kim, Brian
Superresolution Neurochemical Probe Based on Stochastic Neurotransmitter Localization
National Science Foundation
$406,375
College of Engineering and Computer Science

Kinzel, Michael | Vasu Sumathi, Subith
Hypersonic Structural Loading Resulting from Shock-Droplet Interaction: Multiscale Simulations and Experiments
Boston University
$170,415
College of Engineering and Computer Science

Lighthall, Nichole
Characterizing and Modulating Neurocognitive Processes in Learning to Trust and Distrust in Aging
University of Florida
$197,314
College of Sciences

Malay, Allison | Fedorka, Kenneth
Environment and Pollinator Community Impact on Honeybee Viral Infections and Health
North American Pollinator Protection Campaign
$9,993
College of Sciences

Mansfield, Kate | Seney, Erin
Year 2: Connecting Health and Ecology for Juvenile Sea Turtles in Eastern Central Florida
Sea Turtle Conservancy
$12,519
College of Sciences

Pang, Sean | Li, Guifang
Photonic Tensor Accelerator for High-Efficiency Neural Network Processing
Omega Photonics System
$219,133
College of Optics and Photonics
Rivera, Manuel
The Economic Impact of Tourism in Curacao 2020-2021
Curacao Tourist Development Foundation
$18,000
College of Hospitality Management

Roque, Nelson
Ambulatory Methods for Measuring Cognitive Change
Pennsylvania State University
$50,000
College of Sciences

Shambrook, Jennifer
Florida Research Administrators Conference
Various
$35,084
Office of Research

Smith, Daniel
Habitat Connectivity and Road Conflicts Associated with the Conservation Lands of Hillsborough County
Hillsborough County
$69,934
College of Sciences

Sohn, Yongho
Printability/Buildability ICME Development for Alloy Design/Selection Using Additive Manufacturing
LIFT
$50,000
Advanced Materials Processing and Analysis Center

Vasu Sumathi, Subith
Time-Resolved Laser Absorption Spectroscopy in ATTAM RDCs
Office of Naval Research
$330,217
College of Engineering and Computer Science

Withers, Charles
Instrumentation of Attics in DeBary, Florida
Alliance Sustainable Energy LLC/NREL
$55,113
Florida Solar Energy Center

Xu, Mengyu
Building a Community of Practice to Leverage Data
UNCF
$15,000
College of Sciences
Zhang, Shunpu
Big Data Analytics Program - Microsoft Scholar & Data Science Lab Support
Microsoft Corporation
$25,000
College of Sciences