Monthly New Awards – November 2021

**Amezcu Correa, Rodrigo**
Multicore Optical Fiber
Fathom Radiant
$79,469
College of Optics and Photonics

**Anderson, Mindi**
3D Printers for Healthcare Procedural Training and Education
Elizabeth Morse Genius Foundation
$10,010
College of Nursing

**Andraka-Christou, Barbara**
15/24 The Healthy Brain and Child Development National Consortium Florida - Development in Early Childhood: Adversity and Drug Exposure
University of Florida
$8,723
College of Community Innovation and Education

**Andraka-Christou, Barbara**
The Regional Centers of Excellence in Substance Use Disorder Education Program
University of Vermont
$67,000
College of Community Innovation and Education

**Backes, Bethany**
Care on Campus: Screening for Intimate Partner Violence within Student Healthcare Settings
Elizabeth Morse Genius Foundation
$30,000
College of Health Professions and Sciences

**Beazley, Melanie**
Orange County Environmental Water Study
Orange County Department of Environmental Protection
$7,667
College of Sciences

**Beazley, Melanie**
Study of the Occurrence of SARS-CoV-2 in Wastewater in the Orange County Sewershed
Orange County Board of County Commissioners
$24,000
College of Sciences
Chen, Jiannan
Using Hydrological Modeling to Evaluate the Groundwater Levels and Pore Pressures Beneath EMWMF and EMDF
University of Wisconsin-Madison
$35,518
College of Engineering and Computer Science

Choi, Eunice
Small Business Development Center Kissimmee 2021-2022
Kissimmee Osceola County Chamber of Commissioners
$70,000
Presidential Division

Crabbs, Robert
Outdoor Laser Testing Support
Naval Information Warfare Center Pacific
$123,929
College of Optics and Photonics

Davis, Kristopher | Davis, Kristopher
Characterization of Performance Degradation Mechanisms in Low-Cost High-Throughput DI-O3 Layer for Passivated Contact Silicon Solar Cells
Rutgers University
$43,875
College of Engineering and Computer Science

Decker, Veronica
Videoconference Acceptance and Commitment Therapy for Community - Dwelling Older Adults with Depression: A Pilot Study
MGN Family Foundation
$1,000
College of Nursing

Dogariu, Aristide
Quantum Communication and Sensing
Lockheed Martin Corporation
$45,454
College of Optics and Photonics

Donley, Amy
Red Ribbon 2021-2024
Informed Families
$30,000
College of Sciences

Fiore, Stephen
Support of the Point of Need Training Internal Research and Development Project
Lockheed Martin Corporation
$90,909
School of Modeling Simulation and Training
Ford, Cameron  
Blackstone Foundation  
The Blackstone Charitable Foundation  
$10,000  
College of Business

Galura, Sandy | Warshawsky, Nora  
The Perioperative Nurse Manager’s Role in Quality Improvement and the Barriers and Facilitators Impacting their Engagement: A Mixed Methods Approach  
CCI Research Foundation  
$9,979  
College of Nursing

Gao, Su  
State Science & Engineering Fair 2021-2022  
Florida Department of Education  
$72,032  
College of Community Innovation and Education

Gregory, Jason | Kolaya, Chrissy  
A Critical Conversation About Race and History  
Florida Humanities Council  
$3,200  
College of Arts and Humanities

Guo, Zhaomiao  
Optimizing Information Value in Heterogeneous Multi-Agent Transportation Systems  
National Science Foundation  
$351,516  
College of Engineering and Computer Science

Hanney, William  
Therapeutic alliance: Enhancing the Patient-Practitioner Relationship Across Disciplines  
Elizabeth Morse Genius Foundation  
$50,000  
College of Health Professions and Sciences

Hill, Peggy  
Enhancing Understanding of the Social Determinants of Health Through Hologram-Assisted Interdisciplinary Education Simulation Scenarios  
Elizabeth Morse Genius Foundation  
$22,964  
College of Nursing

Hua, Kien  
A Database and Software System for Medical Image Reconstruction 2020-2021 Focus: Image Reconstruction Software System and Data Corrections for Time-of-Flight Position Emission  
Crystal Photonics, Inc.  
$167,461  
College of Engineering and Computer Science
Ishigami, Masahiro
Filling The Speed Gap in Nanotribology -- Nanofriction of Individual Nanocrystals at Intermediate Speeds
National Science Foundation
$332,552
College of Sciences

Kamrath, Mark | Janz, Bruce
The Global Pandemic of 2020-2022: Contexts and Current Perspectives
Florida Humanities Council
$5,000
College of Arts and Humanities

Kapat, Jayanta
sCO2 Waste Recovery System for Industrial Waste Heat
Sandia National Labs
$25,000
College of Engineering and Computer Science

Kilbride, Mike
Central Florida Industry Diversification Initiative
Orange County Board of County Commissioners
$550,000
Presidential Division

Klonoff, Elizabeth
U.S. Naval Community College Initiative
U.S. Department of the Navy
$500
School of Modeling Simulation and Training

Kuang, Lanlan
Understanding Folk and Cultural Traditions in Our Time: A Humanities Workshop
Florida Humanities Council
$5,000
College of Arts and Humanities

Leuenberger, Michael
Coherent Upconversion by Broadband Extreme-Confinement Metamaterials
Defense Advanced Research Projects Agency
$47,549
NanoScience Technology Center

Lopez Castillo, Humberto
The Sexual and Reproductive Health Collaborative at UCF: The Sex Café Podcast Season 1
Elizabeth Morse Genius Foundation
$32,000
College of Health Professions and Sciences
Mozena, Mindy
Florida Education Fund McKnight Center of Excellence
Florida Education Fund
$6,500
Student Development and Enroll Services

O'Neal, Thomas
Virtual Training Program for Incubator Managers in Algerian Universities
U.S. Department of State
$17,444
College of Engineering and Computer Science

Renshaw, Kyle
Multi-UAS Multi-Sensor System for ISR
The University of Memphis
$343,368
College of Optics and Photonics

Richardson, Kathleen
U-Win Seed Project
Florida High Tech Corridor Council
$25,000
College of Optics and Photonics

Roque, Nelson
A Therapy to Improve Sleep and Cognition
Proactive Life, Inc.
$14,685
College of Sciences

Ross, Jerry
Orange County Phase 2/Year 2
Orange County Board of County Commissioners
$227,336
Presidential Division

Rothschild, Carey
Interprofessional Pain Curriculum with Emerging Technologies Across the UCF Academic Health Science Center
Elizabeth Morse Genius Foundation
$26,000
College of Health Professions and Sciences

Sawyer, Ben D.
Adobe Readability Consortium
Adobe Systems, Inc.
$150,000
College of Engineering and Computer Science
Sawyer, Ben D.
Google Readability Consortium 2021
Google
$150,000
College of Engineering and Computer Science

Schultz, John
Forensic Anthropology Technical Expertise for the District 9 & 25 Medical Examiner
Orange County Board of County Commissioners
$6,000
College of Sciences

Shtrom, Svetlana | Schoenfeld, Winston
Technology Acceleration Program--Venture Launch
Orange County Board of County Commissioners
$200,000
Office of Research

Thiamwong, Ladda
Physio-Feedback Exercise Program to Improve Balance and Prevent Falls In Older Adults
Independent Donor
$2,000
College of Nursing

Towson, Jacqueline
Technical Assistance and Training System for Programs Serving Prekindergarten Children with Disabilities
Florida Department of Education
$1,003,347
College of Health Professions and Sciences

Watson, Keri
The Florida Prison Education Project
Laughing Gull Foundation
$160,000
College of Arts and Humanities

Wisniewski, Pamela
Youth Advisory Board for Teenovate: An Intergenerational Participatory Action and Design Program for Keeping Teens Safe Online
University of Wisconsin-Madison
$4,500
College of Engineering and Computer Science

Zhang, Shaojie
Genome Informatics for Biobank-Scale Data
University of Texas Health Science Center at Houston
$251,250
College of Engineering and Computer Science