



## Monthly New Awards – December 2021

### **Ahmed, Kareem**

High-Temperature Fuel Coking Mitigation Frangible Coatings for Fuel Nozzles and Screens

Creare, Inc.

\$40,000

College of Engineering and Computer Science

### **Bennett, Christopher | Baudalet, Matthieu | Britt, Daniel | Chini, Michael | Vaida, Mihai**

Spectroscopy, the Next Generation: A Prototype Remote Temporal 3D-IR Raman Spectrometer for Planetary Science

NASA Shared Services Center

\$178,704

College of Sciences

### **Bernath, Robert**

TISTEF BAH - TISTEF Testing 11/2021

Booz Allen Hamilton, Inc.

\$71,750

Office of Research

### **Brazendale, Keith**

School Versus Summer Weight-Gain and Health-Related Behaviors in Youth with Autism Spectrum Disorder

Elizabeth Morse Genius Foundation

\$40,000

College of Health Professions and Sciences

### **Catbas, Necati**

Structural Health Monitoring Using Wireless Sensors

SERCEL

\$49,448

College of Engineering and Computer Science

### **Chanda, Debashis**

Graphene Based Dynamically Tunable LWIR Detection and Imaging at Room Temperature

e-Skin Displays, Inc.

\$500,000

NanoScience Technology Center

**Chen, Chen**

Adobe Donation

Adobe Systems, Inc.

\$7,000

Center for Research in Computer Vision

**Divliansky, Ivan**

Advances In Digital Holograms Recorded as Physical Holograms in PTR Glass

General Motors, LLC

\$250,000

College of Optics and Photonics

**Dunn, Michael | Dvorak, Robert**

Immediate and Long-Term Efficacy of the Expectancy Challenge Alcohol Literacy

Curriculum on Reducing Adverse Alcohol Outcomes

National Institute on Alcohol Abuse and Alcoholism

\$401,572

College of Sciences

**Eikenberry, Stephen**

Opto-Mechanical Design Study for Aircraft Warning Laser Launch System

Global Technology Integrators

\$10,000

College of Optics and Photonics

**Fenton, James**

Seminole County Energy and Sustainability Roadmap

Hanson Professional Services, Inc.

\$45,474

Florida Solar Energy Center

**Fernandez Valenzuela, Estela**

Towards a More Complete Understanding of Haumea's Family Tree

Space Telescope Science Institute

\$44,931

Florida Space Institute

**Gregory, Amy**

Quantitative Research on Resort Vacation Preferences of Families with Attention Deficit

Hyperactivity Disorder/Autism Spectrum Disorder

Timeshare Advisory Board, Inc.

\$18,000

College of Hospitality Management

**Johnson, Matthew**

Matthew Johnson Course Buyout Fall 2021

Z Properties Group, Inc.

\$11,734

College of Arts and Humanities

**Kareem, Jamila**

UCF Celebrates Indigenous Expression

Florida Humanities Council

\$5,000

College of Arts and Humanities

**Kaufman, Joshua**

Fiber Optic Cable

L3Harris Technologies, Inc.

\$63,689

College of Optics and Photonics

**Logue, CarolAnn Dykes**

FY2022 Economic Development Partnership with City of Orlando

City of Orlando

\$910,000

Presidential Division

**Logue, CarolAnn Dykes**

FY2022 Grant Agreement Between UCF Research Foundation and Orange County

Orange County Board of County Commissioners

\$599,582

Presidential Division

**Logue, CarolAnn Dykes**

FY2022 Florida High Tech Corridor Support for Innovation District

Florida High Tech Corridor Council

\$50,000

Presidential Division

**Lyakh, Arkadiy**

High Power Broadband MWIR Emitters

IRGlare, LLC

\$100,000

NanoScience Technology Center

**Mahalanobis, Abhijit**

Image Processing for Acquisition and Tracking

Invariant Corporation

\$56,185

Center for Research in Computer Vision

**Mansy, Hansen**

Development of an Electronic Tuning Fork and Stethoscope for the Evaluation of Infant Hip Dysplasia  
Orlando Health  
\$10,000  
College of Engineering and Computer Science

**Sawyer, Ben D.**

TRC Sawyer Consortium 2021  
Various  
\$300,000  
College of Engineering and Computer Science

**Vasu Sumathi, Subith**

BPF Testing  
Pure Fuel Technologies, LLC  
\$35,000  
College of Engineering and Computer Science

**Vasu Sumathi, Subith**

Characterization of Navy Probes for Temperature and Species Measurements in Shock Tubes  
Naval Surface Warfare Center  
\$25,000  
College of Engineering and Computer Science

**Vasu Sumathi, Subith**

Hydrogen Ignition Mapping  
Mitsubishi Hitachi Power Systems Americas, Inc.  
\$49,587  
College of Engineering and Computer Science

**Wahl, Thomas**

Compound Event of Extreme Events on Flooding in South Florida – Phase 3  
South Florida Water Management District  
\$75,000  
College of Engineering and Computer Science

**Walters, Linda**

Putting Coastal Conservation Books into the Hands of Young Children in Brevard County to Protect the Indian River Lagoon  
Brevard County Board of County Commissioners  
\$19,000  
College of Sciences

**Wang, Liqiang**

Meta (Facebook) Sponsorship

Meta Platforms, Inc.

\$50,000

College of Engineering and Computer Science

**Yu, Xiaoming | Kar, Aravinda**

Testing New Laser and Optics for the High-Speed Laser Perforation System

Elsner Engineering Works

\$40,000

College of Optics and Photonics