Sponsored Awards in February 2024

**Amezcua Correa, Rodrigo**
Beam Combining and Adaptive Optics with Photonic Lanterns
US Air Force Office of Scientific Research
$149,904
College of Optics and Photonics

**Baggio, Jacopo; Larsen, Kelsey**
Collaborative Research: DRMS: Group Cognition, Stress Arousal, and Environment Feedbacks in Decision Making and Adaptation Under Uncertainty
National Science Foundation
$106,136
College of Sciences

**Baudelet, Matthieu**
Re-association of Submerged Remains Using Laser-Induced Breakdown Spectroscopy
Henry M. Jackson Foundation for the Advancement of Military Medicine
$539,594
College of Sciences

**Beazley, Melanie**
City of Titusville MST Project
Geosyntec Consultants, Inc.
$8,500
College of Sciences

**Bochenek, Grace; Azevedo, Roger; Cruz-Neira, Carolina; Maraj, Crystal**
Next Generation Soldier-Ground Vehicle Interface Design: Human Digital Twins (HDT)
Clemson University
$4,839,047
School of Modeling, Simulation, and Training
Brattain, Laura
Next Generation Axonal Quantification and Classification Using AI
MicroBrightfield, LLC dba MBF Bioscience
$55,556
College of Medicine

Chen, Jiannan
Functional Stability Criteria and Approaches for Post-Closure Care Assessment of Coal Combustion Product Landfills
Electric Power Research Institute, Inc.
$77,709
College of Engineering and Computer Science

Copik, Alicja
Characterizing TGF-β Conditioned NK Cells-Continuation
Kiadis Pharma Netherlands B V
$148,019
College of Medicine

De Souza Feliciano, Ana Carolina
Small Cold Classical TNOs as Witnesses of Outer Nebular Chemistry
Space Telescope Science Institute
$12,224
Office of Research

Ellis, Amy; Vasquez, Trey
Unlimited Potential Community Schools: Empowering Students, Families, and Communities through Statewide University Partnerships and High-Needs Districts
US Department of Education
$6,050,675
College of Community Innovation and Education

Fernandez Valenzuela, Estela
Beating Weywot in The Game of Hide-and-Seek
Space Telescope Science Institute
$19,663
Office of Research
**Guzman, Andrea; Muniz, Cyndia**

POTENCIAL: Promoting Opportunities that Enhance Navigation, Completion, Inclusion, and Learning

US Department of Education

$1,199,440

President - Diversity and Inclusion

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**Hines, Rebecca**

Team-based Research and Teaching to Prepare Experts in Language, Literacy, and Learning (T-P3)

Florida State University

$250,000

College of Community Innovation and Education

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**Hines, Rebecca; Hughes, Charlie; Vasquez, Trey**

FLITE: STEM Coaching

University of Kansas Center for Research, INC

$301,626

College of Community Innovation and Education

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**Hoffman, Bari**

Brooks Motor Speech Program

Genesis Health Development, Inc dba Brooks Health Development

$50,973

College of Health Professions and Sciences

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**Hudson, Darren**

Space-based 3D LiDAR Mapping for DAF

NuView, Inc

$33,000

College of Optics and Photonics

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**Joe, Richelle**

Center for Interdisciplinary Research on AIDS: Longitudinal Text Messaging Educational Campaign to Increase PrEP Prescription among medical providers in Orange County, Florida

Rollins College

$23,948

College of Community Innovation and Education
Kaufman, Joshua
Polymer Fiber Optics for Use in MR Pulse Oximetry Devices
Philips DS North America, LLC
$95,850
College of Optics and Photonics

Kirkegard, Belinda
General Support of the National Entrepreneur Center
Seminole County
$45,000
President

Kline, Nolan
Community-Led Structural Intervention to Address Health Consequences of Community-Police Interactions
Healthy Tarrant County Collaboration
$260,967
College of Medicine

Lee, Woo Hyoung
Semiconducting Polymer-Based Electrochemical Sensor for Detecting Per- and Polyfluoroalkyl Substances (PFAS) in Water
Metawater Company Ltd.
$20,000
College of Engineering and Computer Science

Li, Qifeng
I-Corps: A Novel Integral-Proportional and Proportional-Integral Controller for Inverter-Based Microgrids
National Science Foundation
$50,000
College of Engineering and Computer Science

Martin, Eric
Buildings Upgrade Prize Technical Assistance
Alliance for Sustainable Energy, LLC/National Renewable Energy Laboratory
$9,908
Office of Research
Okumus, Fevzi
Hospitality and Travel Industry Education and Research Program
Independent Donor Formerly Independent Contractor
$15,000
Rosen College of Hospitality Management

Rahman, Talat; Vaida, Mihai
REU Site: Research in Materials for Energy Applications
National Science Foundation
$427,964
College of Sciences

Reyes, Danielle; Kerrigan, Haley; Richardson, Martin
Tunable RF Generation with GHz Bursts of High-Intensity USPLs
US Air Force Office of Scientific Research
$289,067
College of Optics and Photonics

Richardson, Kathleen
Thermal Lensing-Free Chalcogenide Windows
Triton Systems, Inc
$160,000
College of Optics and Photonics

Rohde, Kyle
Novel Gyrase Inhibitors Targeting Mycobacterium Tuberculosis
The Florida International University Board of Trustees
$76,000
College of Medicine

Santra, Swadeshmukul
Continued Development of Tannic Acid-based Creatine-loaded Polymer Matrices
Association for Creatine Deficiencies
$15,000
College of Sciences
Sawyer, Ben D.
Google Sawyer 2024
Google
$50,000
College of Engineering and Computer Science

Schulte, Alfons; Chernyak, Leonid
Electrical Radiation-Defects Mitigation in Deep Ultraviolet Photodetectors
North Atlantic Treaty Organization
$377,766
College of Sciences

Singh, Arvind
Collaborative Research: Dynamic Connectivity of River Networks as a Framework for Identifying Controls on Flux Propagation and Assessing Landscape Vulnerability to Change
National Science Foundation
$101,529
College of Engineering and Computer Science

Vasu Sumathi, Subith
Dual Frequency Comb Spectroscopy-Based Absorption Diagnostic System for Broadband Ultrafast Time Resolution Measurements to Advance Research in Energetics, Propellants, and Hypersonics
Office of Naval Research
$20,000
College of Engineering and Computer Science

Xia, Xiaohu
Development of Improved Serological Diagnostic and Parasite Genotyping Tools for Congenital Chagas Disease
Tulane University
$136,990
College of Sciences

Yalim, Asli
Internationalizing the Classroom: Using the UN Sustainable Development Goals as a Framework for Addressing Global Issues
Council On Social Work Education
$10,000
College of Health Professions and Sciences
**Yeo, Jungwon**
SAI: Integrating Equity in Emergency Management of Critical Infrastructure — A human-centered decision framework to improve polycentric governance and design of critical infrastructure across wildland-urban interfaces
The Research Foundation of the State University of New York
$120,000
College of Community Innovation and Education

**Yu, Liping**
Collaborative Research: Design and Discovery of Entropy-Stabilized Perovskite Halides for Optoelectronics
National Science Foundation
$189,999
College of Engineering and Computer Science

**Zou, Shengli**
Equipment: MRI: Track II Development of an Optical Spectrometer for Multimodal Linearly Polarized, Circularly Polarized, and Integrating Sphere Assisted Spectroscopic Measurements
Mississippi State University
$219,209
College of Sciences