Sponsored Awards in December 2023

**Beg, Shazia; Bhanusali, Neha; Farooq, Maria; Mosquera, Marilyn**
A Randomized, Controlled Pragmatic Phase 3b/4 Study of Baricitinib in Patients with Rheumatoid Arthritis
Outcome Sciences, LLC
$141,218
College of Medicine

**Bonilla, Kaitlyn**
Development of a Stable Matrix-Matched Standard for Molecular and Elemental Analysis of Hair in Forensic Toxicology
National Institute of Justice
$110,966
College of Sciences

**Chen, Jiannan**
Validation and Update of the Sinkhole Index – Phase 2
Florida Department of Transportation
$79,337
College of Engineering and Computer Science

**Cook, Jennifer**
Florida Public Television Grant- Department of Education 2023-2024
Florida Department of Education
$370,400
WUCF TV

**Dechev, Damian**
System Monitoring and Scheduling
Sandia National Laboratories
$22,621
College of Engineering and Computer Science
Donley, Amy
Orange County Post-Overdose Response Team (PORT)
Orange County Board of County Commissioners
$140,823
College of Sciences

Diaz, Desiree; Luzincourt, Geraldine
UCF Interdisciplinary Rural Clinic Simulation
Josiah Macy Jr. Foundation
$25,000
College of Nursing

Donnelly, Melinda; Fleming, Christen; Kibler, Kelly; Walters, Linda
FLERT Establishment and Statewide Coastal Restoration Plan Development
Florida Department of Environmental Protection
$620,177
College of Sciences

Eddins, David
Towards a More Intelligent Hearing System: Making Sense of the Wearer's Head Movements
SONOVA UNITED STATES CORPORATE SERVICES, LLC
$624,525
College of Health Professions and Sciences

Ford, Jason
Logitudinal Trends in Prescription Drug Misuse and Polysubstance Use in Adolescents and Young Adults
Texas State University
$41,888
College of Sciences

French, Scot
Zora Neale Hurston Through Space, Place, and Time
Florida Humanities
$10,000
College of Arts and Humanities

Fukuda, David
Effects of Oral Rehydration Solution on Dehydration Recovery in Adults
Abbott Laboratories
$175,048
College of Health Professions and Sciences

**Hoffman, Eric; Savage, Anna**
Parentage Analysis of Diadema Antillarum Broodstock
The Florida Aquarium
$9,985
College of Sciences

**Joyner, Veronica**
Hiring Diverse Faculty in Technical and Professional Communication Programs
Council for Programs in Technical and Scientific Communication
$1,480
College of Arts and Humanities

**Kapat, Jayanta; Fernandez, Erik; Vesely, Ladislav**
Primary Heat Exchanger Development for a 1-5MWth Supercritical Carbon Dioxide Waste Heat Recovery System
Sandia National Laboratories
$194,479
College of Engineering and Computer Science

**Karalidi, Theodora**
A Roadmap for Time Resolved Observations of Habitable Exoplanets with Spectropolarimetry
NASA Shared Services Center
$401,448
College of Sciences

**Kirkegard, Belinda**
OC FY 2023_24 Support of NEC Programs
Orange County Board of County Commissioners
$311,544
President

**Logue, CarolAnn Dykes**
Economic Development - Fiscal Year 2023-2024 Funding Agreement between the City of Orlando and UCFRF
City of Orlando
$775,000
President

Logue, CarolAnn Dykes
Orange County Economic Development 2023-2024
Orange County Board of County Commissioners
$574,437
President

Martinez, Omar
Addressing durable health disparities through critical time legal interventions in medically underserved Latinx and migrant communities
Research Foundation of the State University of New York, The
$211,599
College of Medicine

Mckinley, Jennifer
Central Florida Industry Diversification Initiative, FY24
Orange County Board of County Commissioners
$566,500
President

Mckinley, Jennifer
Central Florida Industry Diversification Initiative, FY24
Orange County Board of County Commissioners
$566,500
President

Metzger, Philip
SBIR Phase I - Floatinator: A Low Gravity Simulator to Study Plume Surface Interactions
Astrobotic Technology, Inc
$7,699
Office of Research

Moreto, William
2023-2024 UCF Student Support for the Orange County Sheriff's Office
Orange County Sheriff's Office
$68,577
College of Community Innovation and Education
**Ramirez, Ramses; Harrington, Joseph; Karalidi, Theodora**
Magma Oceans and Seas on Worlds Orbiting Main-Sequence Stars
NASA Shared Services Center
$228,661
College of Sciences

**Reyes, Danielle; Kerrigan, Haley; Richardson, Martin**
High Power LWIR USP Propagation Studies
US Army Contracting Command
$289,504
College of Optics and Photonics

**Rohde, Kyle**
Optimization of Atypical Antimycobacterial Carbapenem Antibiotics
Southern Methodist University
$224,960
College of Medicine

**Sami, Naveed**
Phase 2 Clinical Study to Assess the Safety and Efficacy of BMS-986165 in Participants with Active DLE and/or SCLE
Bristol-Myers Squibb Company
$118,802
College of Medicine

**Sapkota, Dhaka**
FSGC-Combined Senior design and student research projects (ID: AWD00005983)
NASA Shared Services Center (NSSC)
$0
Office of Research - Florida Space Institute - Institutes and Research Centers

**Self, William**
Evaluating the Antimicrobial and Sporocidal Activity of AgCNP Formulations
Kismet Technologies, LLC
$20,000
College of Medicine

**Shtrom, Svetlana**
Orange County Economic Development 2023-2024 - Venture Launch
Orange County Board of County Commissioners  
$206,000  
Office of Research

**Sugaya, Kiminobu**  
In Vivo Study to Evaluate Liposome Efficiency Using Fluorescent Dye Label in Mice  
Exousia AI, Inc  
$11,663  
College of Medicine

**Vasu Sumathi, Subith**  
On-board Reformation Device for Methane Abatement from Gas Engines  
UChicago Argonne, LLC / Argonne National Laboratory  
$145,000  
College of Engineering and Computer Science

**Vasu Sumathi, Subith**  
An Intelligent, Real Time, Fluid Composition Sensor for Monitoring of Helium Purge Processes  
Sporian Microsystems Incorporated  
$45,000  
College of Engineering and Computer Science

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

**Woerner, Jacqueline; Fissel, Erica; Schrimshaw, Eric**  
Dating App Facilitated Sexual Violence Perpetration among Men who Have Sex with Men  
National Institute on Alcohol Abuse and Alcoholism  
$222,255  
College of Sciences

**Yang, Yang**  
Scaling up Aqueous Zinc-Ion Battery with UCF  
Coulomb Technology, Inc  
$39,205  
Office of Research
Yuksel, Murat
INWADE: INtelligent Waveform Adaptation with DEep Learning
PAR Government Systems Corporation
$88,974
College of Engineering and Computer Science

Zhang, Shaojie
Scalable Methods for Identity by Descent
University of Texas Health Science Center at Houston
$1,074,677
College of Engineering and Computer Science