



Monthly New Awards - December 2020

Abdolvand, Reza

Thermoelectric Nano-Antenna Fabrication: Proof of Concept
Truventic, LLC
\$15,000
College of Engineering and Computer Science

Backes, Bethany | Cares, Alison | Fissel, Erica | O'Connor, Julia | Woerner, Jacqueline

Safe Transitions: Longitudinal Examination of Domestic Violence Transitional Housing Models on Survivor Outcomes
U.S. Department of Justice
\$10,000
College of Community Innovation and Education

Banerjee, Parag | Seal, Sudipta

Machine Learning-Based Efficient Atomic Layer Deposition
Semiconductor Research Corporation
\$83,500
College of Engineering and Computer Science

Bohil, Corey | Bedwell, Jeffrey | Lighthall, Nichole

Neurofeedback Training and Hyperscanning for Mission Readiness and Return-to-Duty via Functional Near-Infrared Spectrometry
Soar Technology, Inc.
\$75,001
College of Sciences

Braiman, Yehuda | Li, Guifang

Spectrum-Agile Micro Ti-Sapphire (mTS) Laser Based on III-Nitride Photonic Integrated Circuit
Yale University
\$6,526
College of Engineering and Computer Science

Bridge, Candice

Service Contract for the Keith Borer Consultants
Keith Borer Consultants
\$1,291
College of Sciences

Copik, Alicja

Kiadis Industry Sponsored Research Project 1 - Affirmed
Kiadis Pharma Netherlands B V
\$29,943
College of Medicine

Devogele, Maxime Serge F

Second Luration NEO follow-up
NASA Shared Services Center
\$46,792
Florida Space Institute

Duranceau, Steven

Reclaimed Water ASR Treatability Study
City of Sarasota
\$191,303
College of Engineering and Computer Science

Fernandez Valenzuela, Estela

Studying Physical Properties of Trans-Neptunian Objects Using the GAIA Catalog
NASA Shared Services Center
\$79,575
Florida Space Institute

Fernandez, Yan | Schambeau, Charles

Parameters for Assessing NEO Surveyor's Observations of Comets
University of Arizona
\$41,750
College of Sciences

Ford, Jason

Patterns, Motives, and Risks Associated with Marijuana Use: A Comparison of Medical Marijuana Patients and Non-Patient Marijuana Users in Florida
University of Florida
\$65,497
College of Sciences

Ellis, Amy

Community Schools Technical Assistance
Jefferson County Public Schools
\$60,000
College of Community Innovation and Education

Gaume, Romain | Richardson, Kathleen

Calcium Lanthanum Sulfide Durable Windows and Optics
Florida High Tech Corridor Council
\$57,000
Advanced Materials Processing and Analysis Center

Gu, Lixing

EnergyPlus Whole-Building Energy Modeling and Simulation Software Development
Alliance Sustainable Energy, LLC
\$240,000
Florida Solar Energy Center

Han, Kyu young

Identification of The Active Nuclear Niche(S) Using Novel Proteomic, Genomic, Transgenic, And Live-Cell Microscopy Technologies
University of Illinois
\$328,066
College of Optics and Photonics

Hoffman, Phil

WUCF: CPB FM 20-22 Community Service Grant
Corporation for Public Broadcasting
\$96,867
Communications and Marketing

Kamrath, Mark

Expanding CHDR Challenge Grant
Independent Donor
\$7,220
College of Arts and Humanities

Kapat, Jayanta

Technology Scouting for Medium Term Opportunities in Energy Conversion
Siemens Energy, Inc.
\$14,250
College of Engineering and Computer Science

Lee, Woo Hyoung | Jung, YeonWoong

Desalination Using Two-Dimensional Molybdenum Disulfide Nano-Solar Evedporator
U.S. Environmental Protection Agency
\$25,000
College of Engineering and Computer Science

Lyakh, Arkadiy

Quantum Cascade Laser Manufacturing Cost Reduction
IRGlare, LLC
\$70,000
NanoScience Technology Center

McKinstry, Karl

Optimizing Functional Synergies Between Local and Systemic Memory CD4 T Cell Responses to Influenza
National Institute of Allergy and Infectious Diseases
\$224,404
College of Medicine

Metcalf, David | Allen, Christine | Hamilton, Angela

Navy Sailor 2025
StraCon Services Group, LLC
\$1,355,215
School of Modeling Simulation and Training

Mouton, Christine

2020 CESF Program

Florida Department of Law Enforcement

\$134,083

Administration and Finance

Neff, Donna | Luzincourt, Geraldine

Florida Registry for Aging Studies

Florida International University

\$203,576

College of Nursing

Neuberger, Lindsay

Partisanship, Trust, and Vaccine Hesitancy: Impacts of the 2020 Election on COVID-19 Risk Management

Bentley University

\$5,000

College of Sciences

Sukthankar, Gita | Fiore, Stephen

Enhanced Learning Effectiveness of Augmented Reality Flight Trainers

Lockheed Martin Corporation

\$122,727

College of Engineering and Computer Science

Wu, Shintson

High-Efficiency 2D Beam Steering

Microsoft Corporation

\$82,000

College of Optics and Photonics