Abou-Senna, Hatem Ahmed Yassin / Mouloua, Mustapha / Radwan, Ahmed E.
Human Factors Study on the Use of Colors for Express Lane Delineators
Florida Department of Transportation
$199,300
College of Engineering and Computer Science - Center for Advanced Transportation Systems Simulation / College of Sciences - Psychology

Al-Deek, Haitham M.
UCF Scope of Work in Red Rectangular Rapid Flashing Beacons as part of Texas Transportation Institute’s Proposal to NTTA
Texas A&M Transportation Institute
$10,000
College of Engineering and Computer Science - Civil, Environmental, and Construction Engineering

Aranjuez, George Gil F.
The Role of the Novel Infectivity Gene bbk13 in B. Burgdorferi Complement Resistance and Tissue Colonization
Global Lyme Alliance
$224,394
College of Medicine - School of Biomedical Science

Beal, David J.
Mobile Energy Lab, Farm Renewable and Efficiency Demonstrations Program
Florida Department of Agriculture and Consumer Services
$61,500
Florida Solar Energy Center - Buildings Research

Beazley, Melanie J. / Campiglia, Andres D.
Biodegradation of "Hidden" High Molecular Weight Polycyclic Aromatic Hydrocarbons: Closing Critical Research Gaps
Gulf of Mexico Alliance, Inc.
$200,493
College of Sciences - Chemistry

Britt, Daniel T.
Optical Mining of Asteroids, Moons, and Planets for Human Exploration and Industry
Trans Astronautica Corp.
$5,000
College of Sciences - Physics
Butler, Sylvester Kent
2018 SEC Mentoring Program
Florida State University
$42,306
College of Education and Human Performance - Child, Family and Community Sciences

Chavis, Gordon
Center of Excellence Program
Florida Education Fund
$26,000
Division of Strategy, Marketing, Communications, and Admissions - Admissions

Coathup, Melanie Jean
PEEK Project 1
Vallum Corporation
$11,412
College of Medicine - Internal Medicine / Faculty Cluster Initiative - Prosthetic Interface

Davis, Kristopher Olan
Determination of Real-World Power Change Rates in PERC Modules using Novel Characterization Techniques
Case Western Reserve University
$224,982
College of Engineering and Computer Science - Materials Science and Engineering

DeMara, Ronald F.
Probabilistic Spin Logic for Low-Energy Boolean and Non-Boolean Computing
Purdue University
$63,500
College of Engineering and Computer Science - Department of Electrical and Computer Engineering

Dobson, Doug / Barnhardt, Michael Glen / Masyada, Stephen / McVey, Valerie Friedman / Renihan, Peggy Ann / Spinale, Christopher Douglas
Supporting Civic Learning in Florida and Beyond
Carnegie Corporation of New York
$400,000
College of Sciences - Political Science

Ehrhart, Mark
The Organizational Assessment for Strategic Implementation in Schools: A Measurement Suite to Support Educator Adoption of Evidence-Based Practices
University of Washington
$12,048
College of Sciences - Psychology
Fukuda, David / Stout, Jeffrey Ray / Wells, Adam J.
The Acute Effects of Different Celsius™ formulas (100mg vs. 140mg) on Energy Expenditure and Fat Metabolism in Healthy Adults
Celsius Holdings Inc.
$53,095
College of Education and Human Performance - Educational and Human Sciences

Georgiopoulos, Michael
CECS STEM Continuation - ACT Charges
Advanced Charging Technologies, Inc.
$2,588
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - Agile
AgileSrc, LLC
$1,549
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - Career Fair Plus
Career Soft LLC
$9,873
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - Envirobrite (Energy Planning Associates Corp)
Energy Planning Associates Corp.
$789
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - Mitsubishi
Mitsubishi Hitachi Power Systems Americas, Inc.
$6,202
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - NDI
NDI Technologies, Inc.
$630
College of Engineering and Computer Science - Deans Office
Georgiopoulos, Michael
CECS STEM Continuation – OneStop
One Stop Cooling and Heating LLC
$6,900
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - SightPlan
SightPlan Inc.
$10,138
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - Sonobi
Sonobi, Inc.
$558
College of Engineering and Computer Science (CECS) - CECS Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - Stratex
Stratex Partners
$3,728
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - Talon Simulation
Talon Simulations
$2,043
College of Engineering and Computer Science - Deans Office

Georgiopoulos, Michael
CECS STEM Continuation - U.S. Army
US Army Research Laboratory
$3,345
College of Engineering and Computer Science - Deans Office

Gu, Lixing / Raustad, Richard A.
EnergyPlus Whole-Building Modeling and Simulation Software Development
National Renewable Energy Laboratory
$105,000
Florida Solar Energy Center

Hickman, James Joseph
Functional Integrated Human-on-a-Chip Systems for Alzheimer’s Research
Hesperos, Inc.
$808,000
NanoScience Technology Center
Hickman, James Joseph
Integration of a Kidney Module into a 4-Organ Human-on-a-Chip System
Hesperos, Inc.
$67,500
NanoScience Technology Center

Hoffman, Phil
C.P.B. Community Service Grant (2017 - 2019)
Corporation for Public Broadcasting
$789,185
Division of Strategy, Marketing, Communications, and Admissions

Hoffman, Phil
C.P.B. Interconnection Grant FY 2018
Corporation for Public Broadcasting
$15,058
Division of Strategy, Marketing, Communications, and Admissions

Hoffman, Phil
C.P.B. Universal Service Grant FY 2019
Corporation for Public Broadcasting
$13,510
Division of Strategy, Marketing, Communications, and Admissions

Jin, Yier
Helmet: Deep Neural Network Protection Against Adversarial Attacks
University of South Florida
$25,000
College of Engineering and Computer Science - Department of Electrical and Computer Engineering

Martin, Eric D. / Vieira, Robin K. / Withers, Charles R.
Survey of Unvented Attics in Climate Zones 2-3
American Chemistry Council - Center for Polyurethanes Industry
$70,000
Florida Solar Energy Center

Matthews, Gerald / Barber, Daniel J. / Reinerman, Lauren
Predicting Driver Drowsiness
DENSO International America, Inc.
Institute for Simulation and Training - Prodigy Lab

Metcalf, David S. / Eakins, Michael J. / Hamilton, Angela Catherine
Community in the Age of IoT and Beyond
Epperson Ranch CDD
Institute for Simulation and Training - Mixed Emerging Technology Integration Lab
Metcalf, David S. / Eakins, Michael J. / Hamilton, Angela Catherine
Wellness Welcome Kit for West Florida Health
West Florida Health, LLC
$43,000
Institute for Simulation and Training - Mixed Emerging Technology Integration Lab

Mikhael, Wasfy B.
Study for Understanding Autonomous Behavior
Lockheed Martin Missiles and Fire Control
$10,000
College of Engineering and Computer Science - Department of Electrical and Computer Engineering

Mohaisen, Abdelaziz Aziz
EAGER: Collaborative: Towards Understanding the Attack Vector of Privacy Technologies
National Science Foundation
$102,193
College of Engineering and Computer Science - Department of Computer Science / Faculty Cluster Initiative - Cyber Security and Privacy

Muniz, Cyndia
CREAR Futuros Peer-Mentoring Program
Hispanic Federation, Inc.
$30,000
President’s Office - Office of Diversity and Inclusion / Student Development and Enrollment Services - Multicultural Academic and Support Services

Nigusse, Bereket A. / Sonne, Jeffrey K. / Swami, Muthusamy V.
Florida Department of Business and Professional Regulation
$48,000
Florida Solar Energy Center

O’Neal, Thomas P.
Joint Project to Promote U.S. Exports (2017-2018)
U.S. Department of Commerce
$17,000
College of Engineering and Computer Science - Industrial Engineering and Management Systems / Office of Research and Commercialization
O’Neal, Thomas P.
Maker Spaces I-Corps Proof of Concept Center
Harris Foundation
$150,000
Office of Research and Commercialization

Ong, Lay Khim
The Interactive Effect of Reward Type and Employee Identification with the Organization on Employee Performance
Incentive Research Foundation
$6,825
Business Administration – School of Accounting

Peles, Yoav
FAA Master Task Order
U.S. Department of Transportation/Federal Aviation Administration
$6,238
College of Engineering and Computer Science - Mechanical and Aerospace Engineering

Putnam, Shawn Arthur
Jet Impingement Boiling in Micro-Domains
United States-Israel Binational Science Foundation
$60,000
College of Engineering and Computer Science - Mechanical and Aerospace Engineering

Reinerman, Lauren
Live Virtual Construction – Aviation Validation
Battelle Memorial Institute
$199,959
Institute for Simulation and Training - Prodigy Lab

Reinerman, Lauren
Live Virtual Construction – Training Environment Validation
Battelle Memorial Institute
$150,001
Institute for Simulation and Training - Prodigy Lab

Reinerman, Lauren / Barber, Daniel J. / Harris, Jonathan T.
Human Performance Test Facility - Task Order 1
U.S. Nuclear Regulatory Commission
$608,601
Institute for Simulation and Training - Prodigy Lab
Seigneur, Hubert P.
Improving Solar Panel Durability through Novel Panel Designs, Advanced Manufacturing Equipment, and Field Retrofits to Existing Systems
BrightSpot Automation, LLC
$108,000
Florida Solar Energy Center

Sonne, Jeffrey K.
Residential Air Leakage Testing and Mechanical Ventilation Verification
Florida Department of Business and Professional Regulation
$47,790
Florida Solar Energy Center

Steiner, Mark W.
CECS I-Design Program
Various
$37,500
College of Engineering and Computer Science - Mechanical and Aerospace Engineering

Steiner, Mark W.
Duke Energy CECS I-Design Program (2017)
UCF Foundation, Inc.
$100,000
College of Engineering and Computer Science - Mechanical and Aerospace Engineering

Welch, Greg / Bruder, Gerd
Blended Reality Solution for Live, Virtual, and Constructive Field Training
SA Photonics
$31,000
College of Nursing / Institute for Simulation and Training

Welch, Greg / Bruder, Gerd
Extended Augmented Reality: Autonomous Virtual Behaviors and Extrasensory Perceptions Integrated Into Ad Hoc Spaces
Office of Naval Research
$450,000
College of Nursing / Institute for Simulation and Training

Withers, Charles R.
Investigate Energy Impact of Whole-House Dehumidifier Location
Florida Department of Business and Professional Regulation
$32,400
Florida Solar Energy Center
Yeo, Jungwon
Florida Community Capacity for Protecting Undocumented Migrants During Hurricane Irma 2017
Natural Hazards Center
$1,450
College of Health and Public Affairs - Public Administration

Yu, Chia-Yuan
The Impacts of Complete Street Design on the Changes in Property Values
Kimley-Horn and Associates, Inc.
$3,000
College of Health and Public Affairs - Public Administration