



UNIVERSITY OF
CENTRAL FLORIDA

Monthly New Awards – April 2017

Burke, Shawn

Scenario Engineering for Assessment of Multi-Participant Adaptive Training Environment (SEAMATE)

Aptima, Inc.

\$115,500

Institute for Simulation and Training (IST) – Dept. of Human Systems Integration Research

Campins, Humberto / Pinilla-Alonso, Noemi

Origin of Near-Earth Asteroids Targeted by Spacecraft

NASA Shared Services Center (NSSC)

\$90,993

Colleges of Sciences – Physics / Florida Space Institute

Callaghan, Michael George / Kovacevich, Brigitte

The Glow that Illuminates and the Glare that Obscures: Digital Documentation of an Ancient Maya Shrine

American Philosophical Society

\$6,000

College of Sciences – Anthropology

Colon, Carlos J. / Chasar, David A. / Gu, Lixing / Nigusse, Bereket A.

Associated Gas Distributors of Florida

\$32,703

Florida Solar Energy Center (FSEC)

Dove, Adrienne Rathert / Brisset, Julie Carine Margaret / Colwell, Joshua E.

Strata-S1: Refining a Testbed to Evaluate the Behavior of Regolith under Microgravity Conditions

NASA Shared Services Center (NSSC)

\$154,065

College of Sciences - Physics / Florida Space Institute

Gu, Lixing / Raustad, Richard A.

EnergyPlus Whole-Building Modeling and Simulation Software Development

National Renewable Energy Laboratory (NREL)

\$132,500

Florida Solar Energy Center (FSEC)

Hancock, Peter A.

ARI: Mazda Research

Mazda Motor of America, Inc.

\$100,000

College of Sciences - Psychology / Institute for Simulation and Training (IST)

Hoffman, Eric

Evaluating the Genetic Differentiation among Populations of the Invasive Axoothanthellate Orange Cup Coral (*Tubastrea* spp.) in Florida and its Competitive Interactions with Native Reef-Accreting Corals.

Florida Fish and Wildlife Conservation Commission

\$10,000

College of Sciences - Biology

Huo, Qun

Immune Response Test for Cattle Breeding and Health Management Florida Cattle Enhancement Board

\$109,521

College of Sciences - Chemistry / NanoScience Technology Center

Huo, Qun

Investigating the Anti-Cancer Effect of Mikei Reishi Mushroom Extract on Prostate Cancer

Nikkei Marketing Limited

\$205,290

College of Sciences - Chemistry / NanoScience Technology Center

Kapat, Jayanta S. / Nagaiah, Narasimha R.

I-Corps: Ceramic Composite Heat Exchangers and Hot Gas Path Components for Harsh Environment National Science Foundation (NSF)

\$50,000

College of Engineering and Computer Science (CECS) - Center for Advanced Turbomachinery and Energy Research (CATER) / Office of Research and Commercialization

Kohler, Paula D.

Florida Center for Students with Unique Abilities

State of Florida

\$3,000,000

College of Education and Human Performance

Kourova, Alla V.

Preparation for a Business Trip to Russia

National Security Agency

\$14,439

College of Arts and Humanities - Modern Languages and Literatures

Metcalf, David S. / Burke, Shawn / Eakins, Michael J. / Hamilton, Angela Catherine

Avatar User Acceptance Study for Virtual Reality (VR) Teammate

Boeing Company

\$50,000

Institute for Simulation and Training (IST) - Mixed Emerging Technology Integration Lab

O'Neal, Thomas P.

BDO - Third Party Cash Cost Share to Project (StarterCorps Seed Fund)

BDO International

\$3,000

Office of Research and Commercialization

O'Neal, Thomas P. / Georgiopoulos, Michael

Central Florida - STEM Training Consortium Internship Funding

Cameron Resources Group LLC

\$1,182

College of Engineering and Computer Science (CECS) - Department of Electrical and Computer Engineering / Industrial Engineering and Management Systems / Office of Research and Commercialization

O'Neal, Thomas P.

David Mitchell - Third Party Cash Cost Share to Project (StarterCorps Seed Fund) The

Law Firm of David G. Mitchell, PA

\$2,000

Office of Research and Commercialization

O'Neal, Thomas P.

Rollins College - Third Party Cash Cost Share to Project (StarterCorps Seed Fund) Rollins

College

\$15,000

Office of Research and Commercialization

O'Neal, Thomas P.

UCF Lake Nona Incubator

Lake Nona Innovation Center I, LLC

\$1,650,000

College of Engineering and Computer Science (CECS) - Industrial Engineering and Management Systems / Office of Research and Commercialization

Renk, Kimberly D.

Pine Hills Preschool Project: Creating an Attachment Infused Classroom

Central Florida Foundation

\$36,915

College of Sciences - Psychology

Richardson, Martin C.

DURIP: LWIR Picosecond Source for Ultra-short High Intensity CO2 Laser

US Army Research Office

\$55,363

College of Optics and Photonics - CREOL

Toyne, Jennifer Marla

RF: Exploring Elite Diet and Migration among Pre-Columbian Chachapoya of the Eastern Andean Mountains of Peru

Rust Family Foundation

\$3,000

College of Sciences - Anthropology

Weeks, Arthur R.

DARPA SPAR

Rockwell Collins, Inc.

\$917,230

College of Engineering and Computer Science (CECS) - Department of Electrical and Computer Engineering

Wu, Shin-Tson

Optics for Transparent OLEDs and High efficiency OLEDs

Industrial Technology Research Institute (ITRI)

\$50,000

College of Optics and Photonics - CREOL

Xia, Xugang

Study on hnRNPA1 Pathobiology in ALS

National Institute of Neurological Disorders and Stroke (NINDS)

\$283,297

College of Medicine - School of Biomedical Science