



UNIVERSITY OF
CENTRAL FLORIDA

Monthly Awards – January 2017

Atkins, Danielle

Prenatal Care Access and Quality Among Undocumented Women

AcademyHealth

\$10,000

College of Health and Public Affairs (COHPA) - Health Management and Informatics

Brunell, Mary Lou F.

Florida Center for Nursing: Florida Action Coalition

Florida Blue Foundation

\$433,000

College of Health and Public Affairs (COHPA) - Dean's Office

Choi, Eunice M.

2017 Small Business Development Center

University of West Florida

\$1,667,199

Office of Research and Commercialization - Small Business Development Center (SBDC)

Colwell, Joshua E. / Dove, Adrienne Rathert

The Center for Microgravity Research - 2016-2018

Space Florida

\$384,000

College of Sciences - Physics / Florida Space Institute

Crabbs, Robert F.

Atmospheric Propagation for High Energy Lasers, Supporting APSHEL Program

Office of Naval Research

\$5,000

College of Optics and Photonics - CREOL

DeCampli, William / Kassab, Alain J.

Hemodynamics of Novel Hybrid Approach to Comprehensive Stage II Operation for Single Ventricle

American Heart Association

\$154,000

College of Engineering and Computer Science (CECS) - Mechanical and Aerospace Engineering / College of Medicine - Dean's Office

Dechev, Damian

Extending LDMS to Enable Intra-Node Performance Monitoring and Real-time Analysis

Sandia National Laboratories

\$98,000

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

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

Simulating Low-Gravity Planetary Environments of Asteroids and Comets

NASA Shared Services Center (NSSC)

\$50,000

College of Sciences - Physics / Florida Space Institute

Emrich, Christopher

Collaborative Research: Measuring Social Vulnerability - Reducing Uncertainty and Validating Indicators

National Science Foundation (NSF)

\$40,514

College of Health and Public Affairs (COHPA) - Public Administration / Faculty Cluster Initiative - Sustainable Coastal Systems

Gerasimova, Yulia / Rohde, Kyle

Development of a Method for Visual Detection of Mycobacterium Tuberculosis Complex

National Institute of Allergy and Infectious Diseases (NIAID)

\$205,317

College of Medicine - School of Biomedical Science / College of Sciences - Chemistry

Glebov, Leonid B.

Laser Diode Array with Diffraction Limited Divergence

OptiGrate Corporation

\$30,000

College of Optics and Photonics – CREOL

Gong, Xun

I-Corps: High-Temperature Sensors for Turbine Industry

National Science Foundation (NSF)

\$50,000

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

Harrington, Joseph

Atmospheric Retrievals from Exoplanet Observations and Simulations with BART

NASA Shared Services Center (NSSC)

\$196,090

College of Sciences – Physics

Hawkins, Christopher V.

Orange County Public Schools Road Safety Audit

Orange County Public Schools

\$8,033

College of Health and Public Affairs (COHPA) - Public Administration

Hoffman, Phil

C.P.B. Community Service Grant

Corporation for Public Broadcasting

\$784,731

Communications & Marketing

Hoffman, Phil

CPB Interconnection Grant FY 2017
Corporation for Public Broadcasting
\$14,840
Communications & Marketing

Hoffman, Phil

Universal Service Support Grant FY 2017
Corporation for Public Broadcasting
\$13,544
Communications & Marketing

Hoffman, Phil / Cook, Jennifer Marie

The Vietnam War
WETA
\$10,000
Communications & Marketing

Jenkins, David G.

Validated Distribution and Habitat Model for Nile Monitors in Florida
Florida Fish and Wildlife Conservation Commission
\$13,575
College of Sciences - Biology

Kibler, Kelly Maren / Chang, Ni-Bin / Wanielista, Martin P.

Phase II: Karst area BMP Construction with Bio-Sorption Activated Media (BAM)
Florida Department of Environmental Protection
\$151,964
College of Engineering and Computer Science (CECS) - Civil, Environmental, and Construction Engineering /
CECS - Stormwater Management Academy

Kohler, Paula D.

National Technical Assistance Center on Transition (NTACT)
University of North Carolina at Charlotte
\$449,804
College of Education and Human Performance - Dean's Office

Lyakh, Arkadiy

Development of 10 Micron Quantum Cascade Laser
Northrop Grumman Corporation
\$40,000
NanoScience Technology Center

Lyakh, Arkadiy

Rapidly and Broadly Tunable High-Power Infrared Lasers for Standoff Detection Application
Pranalytica, Inc.
\$300,000
NanoScience Technology Center

Mackie, Kevin R.

Quantifying polyurethane-based composite performance in civil applications

Neptune Research, Inc.

\$24,273

College of Engineering and Computer Science (CECS) - Civil, Environmental, and Construction Engineering

Mansfield, Katherine / Seney, Erin E.

Monitoring Marine Turtle Nesting Activity on the Archie Carr National Wildlife Refuge during 2017

US Fish and Wildlife Service (USFWS)

\$3,000

College of Sciences - Biology

Medeiros, Stephen C.

EESLR 2016 – Dynamic sea level rise assessments of the ability of natural and nature-based features to mitigate surge and nuisance flooding

Louisiana State University and Agricultural and Mechanical College

\$160,000

College of Engineering and Computer Science (CECS) - Civil, Environmental, and Construction Engineering

Metcalf, David S.

Training Conference Support

Lakewood Media Group

\$5,000

Institute for Simulation and Training (IST)

Muniz, Cyndia

CREAR Futuros Peer-Mentoring Program

Hispanic Federation, Inc.

\$30,000

President's Office - Office of Diversity and Inclusion

O'Neal, Thomas P. / Georgiopoulos, Michael

Central Florida -STEM Training Consortium (CF-STEM) Internship Funding - Advanced Charging Technologies, Inc.

Advanced Charging Technologies, Inc.

\$7,500

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. / Georgiopoulos, Michael

Central Florida - STEM Training Consortium (CF-STEM) Internship Funding - Energy Planning Associates Corp. Energy Planning Associates Corp.

\$7,500

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. / Georgiopoulos, Michael

Central Florida - STEM Training Consortium (CF-STEM) Internship Funding - Mitsubishi Hitachi Power Systems Americas, Inc.

Mitsubishi Hitachi Power Systems Americas, Inc.

\$15,000

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. / Georgiopoulos, Michael

Central Florida - STEM Training Consortium (CF-STEM) Internship Funding - NDI Technologies, Inc.

NDI Technologies, Inc.

\$7,500

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. / Georgiopoulos, Michael

Central Florida - STEM Training Consortium (CF-STEM) Internship Funding - One Stop Cooling and Heating, LLC

One Stop Cooling and Heating LLC

\$7,500

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. / Georgiopoulos, Michael

Central Florida - STEM Training Consortium (CF-STEM) Internship Funding - Talon Simulations

Talon Simulations

\$4,022

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. / Georgiopoulos, Michael

Central Florida - STEM Training Consortium (CF-STEM) Internship Funding - U.S. Army Research Laboratory

US Army Research Laboratory

\$7,500

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.

Kissimmee Business Incubator (County Funding 2016-2019)

Osceola County

\$405,000

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

O'Neal, Thomas P.

UCF/ICAMR/Osceola County re-branding of ICAMR event

Various

\$17,500

Office of Research and Commercialization

O'Neal, Thomas P.

Winter Springs Incubator County Funding (2016-2017)

Seminole County

\$240,000

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

Potter, Roberto Hugh

2017 UCF Student Support for Orange County Corrections Division

Orange County Board of Commissioners

\$16,392

College of Health and Public Affairs (COHPA) - Criminal Justice

Pourmohammadi Fallah, Yaser

Vehicle-to-Vehicle Communication Research: Simulation Development for Scalability (Year 2)

Crash Avoidance Metrics Partners LLC

\$54,157

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

Reinhart, Debra R.

Characterization of Florida Landfills with Elevated Temperatures

University of Florida Board of Trustees

\$39,512

Office of Research and Commercialization

Santra, Swadeshmukul

Development of a Novel Blood-Brain-Barrier Transportable nanotechnology for Selective Delivery of
Radiological and Chemotherapeutic Agents in in-vitro and in-vivo Glioblastoma Cells

Mayo Clinic

\$29,000

College of Sciences - Chemistry / NanoScience Technology Center

Seal, Sudipta

Sustainable Nanotechnology Conference

National Science Foundation (NSF)

\$35,000

Advanced Materials Processing and Analysis Center (AMPAC) / NanoScience Technology Center

Shah, Lawrence

Trans-wafer laser packaging technology for sensitive MEMS devices

Lasera LLC

\$26,300

College of Optics and Photonics – CREOL

Smith, Daniel J.

Development of a Decision-Support Model that Identifies Wildlife Movement Pathways and Need for Wildlife
Crossing Structures on Roadways

Florida Wildlife Federation

\$22,000

College of Sciences - Biology

Tetard, Laurene

Exploring Molecular Interactions Affecting Recalcitrance in Lignocellulosic Feedstocks

University of Tennessee

\$149,226

NanoScience Technology Center

Towson, Jacqueline Anne

The Impact of Virtual Simulation on the Interprofessional Communication Skills of Speech-Language Pathology Students

American Speech-Language-Hearing Foundation

\$10,000

College of Health and Public Affairs (COHPA) - Communication Sciences and Disorders

Uribe Romo, Fernando Javier

Flooded Lead Acid Battery Electrode Characterization

AAA, Inc.

\$13,603

College of Sciences - Chemistry

Wang, Dingbao / Duranceau, Steven J. / Mayo, Talea Lashea / Nam, Boo Hyun / Singh, Arvind Kumar

RAPID: Monitoring and Modeling the Transport of Contaminated Water from Sinkhole in Mulberry, Florida

National Science Foundation (NSF)

\$199,910

College of Engineering and Computer Science (CECS) - Civil, Environmental, and Construction Engineering

Yuksel, Murat

US Ignite: Collaborative Research: Focus Area 1: Rapid and Resilient Critical Data Sourcing for Public Safety and Emergency Response

National Science Foundation (NSF)

\$220,000

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

Zhai, Lei

Controlled Drug Release Using Core-Shell Hydrogel Nanoparticles for Pancreatic Cancer

Mayo Clinic

\$25,000

College of Sciences - Chemistry / NanoScience Technology Center