



Monthly New Awards – March 2018

Abouraddy, Ayman

Electrically Controlled Color-Changing Fabrics
Advanced Functional Fabrics of America
\$381,886
College of Optics and Photonics – CREOL

Brunell, Mary Lou F

RF: Healthcare Workforce Research Initiative
Florida Blue Foundation
\$150,000
College of Health and Public Affairs (COHPA) - COHPA Dean's Office

Cheng, Zixi

Chronic Intermittent Hypoxia: Sympathetic and Intrinsic Cardiac Ganglionic Innervation
National Heart, Lung, and Blood Institute
\$431,234
College of Medicine

Crabbs, Robert F

Testing, TISTEF and SLF
Booz Allen Hamilton, Inc.
\$33,294
College of Optics and Photonics – CREOL

Donley, Amy M.

RF: Red Ribbon Year 3
Informed Families
\$20,000
College of Sciences – Sociology

Ewetz, Rickard Fredrik

CRII: SHF: Synthesis of Near-tree Clock Networks with No Short Circuit Current that can be Reconfigured into a Tree Topology
National Science Foundation
\$174,453
College of Engineering and Computer Science (CECS) - Department of Electrical and Computer Engineering

Georgiopoulos, Michael

FLIT-YES: OUC
Orlando Utilities Commission
\$10,000
College of Engineering and Computer Science (CECS) - CECS Deans Office

Hernandez, Florencio E. / Tatulian, Suren A

Two-photon circular dichroism and isotope-edited FTIR building synergy for the Structural analysis of Amyloid beta 1-42 oligomers

Florida Department of Health

\$200,000

College of Sciences - Chemistry / College of Sciences – Physics

Hoffman, Phil

GI JEWS: Jews Americans in World War II

THIRTEEN Productions LLC

\$10,000

Division of Strategy, Marketing, Communications, and Admissions – WUCF

Jewett, Mollie

RF: TT Auxiliary: Ultrasensitive point-of-care biosensor technology for Lyme disease diagnosis

Aviana Molecular Technologies

\$1,936

College of Medicine - School of Biomedical Science

LaViola II, Joseph J.

Human-Swarm Interaction for the DARPA OFFSET Program

Northrop Grumman Systems Corporation

\$32,191

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

Lee, Woo Hyoung / Hwang, Jaehoon / Jung, YeonWoong

A Novel 2D MoS₂ Sponge Oil-Water Separator (MDSOS)

US Environmental Protection Agency

\$15,000

College of Engineering and Computer Science (CECS)

Little, Mary E. / Kelley, Michelle J.

Collaboration for Effective Educator Development, Accountability, and Reform (CEEDAR) at the University of Central Florida (UCF)

Florida Department of Education

\$25,000

College of Education and Human Performance - Child, Family and Community Sciences / School of Teaching, Learning and Leadership

Lugo, Ramon / Fernandez, Yanga R.

Management and Operations of the Arecibo Observatory - Transition funding

National Science Foundation

\$913,935

Florida Space Institute, College of Sciences

Lyakh, Arkadiy

Next Generation Quantum Cascade Lasers

US Air Force Research Laboratory (AFRL)

\$50,000

NanoScience Technology Center - NanoScience Technology Center

Lyons, Amelia H / Cheong, Caroline S. / French, Scot Andrew / Gannon, Barbara A. / Giroux, Amy L / Rivera, Tiffany Carper / Sacher, John M.

UCF Veterans Legacy Program 2018

US Department of Veterans Affairs

\$285,298

College of Arts and Humanities - History

McCauley, Pamela

Dr. Pamular McCauley's Intergovernmental Personnel Act (IPA) assignment

National Science Foundation (NSF)

\$202,020

College of Engineering and Computer Science (CECS) - Industrial Engineering and Management Systems

O'Neal, Thomas P.

OUC MegaWatt Ventures 2018 Competition Sponsorship

Orlando Utilities Commission

\$30,000

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

Richardson, Kathleen A.

Advanced Materials IRAD – Broadband Gradient Index (GRIN) Optics Characterization

Lockheed Martin Missiles and Fire Control

\$20,000

College of Optics and Photonics – CREOL

Sharanowski, Barbara

Integrated approaches for flea beetle control - economic thresholds, prediction models, landscape effects, and natural enemies

University of Manitoba

\$25,720

College of Sciences – Biology

Sharanowski, Barbara / Jeanpierre, Bobby Joe / Turley, Nash

Lawns-to-wildflowers: A citizen science movement for pollinator health

Foundation for Food and Agriculture

\$338,613

College of Sciences - Biology / College of Education and Human Performance - Educational and Human Sciences / College of Sciences – Biology

Sikorska, Elzbieta / Donley, Amy M.

Factors Influencing Family Caregivers: Medical Decision-Making for Patients with Advanced Alzheimer's Disease

Florida Department of Health

\$95,784

College of Sciences - Sociology / College of Sciences – Sociology

Singh, Arvind Kumar / Wang, Dingbao

Topographic signature of short-and log-term climatic fluctuations on river drainage networks

Regents of the University of Minnesota

\$50,000

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

Smith, Daniel J.

Wekiva River Basin Black Bear Study

Florida Wildlife Federation

\$5,000

College of Sciences – Biology

Smith, Eileen M / Carney, Michael A. / Morrow, Patricia B.

Schlumberger Service: Core UCF Analysis, Planning and Concept Activities

Schlumberger Technology Corporation

\$999,948

Institute for Simulation and Training

Southwell, Amber Lee

Investigating the effects of huntingtin lowering in humanized mouse models of Huntington disease

PTC Therapeutics, Inc.

\$19,721

College of Medicine - School of Biomedical Science

Thiamwong, Ladda

Fear of falling assesment in ethnically diverse older adults using self- reported measures, a mobile eye tracker and a portable balance plate: A Mixed Methods Pilot Study

UCF Foundation, Inc

\$3,500

College of Nursing - Department of Nursing Systems

Zhang, Teng

Medium: Security Certification of Autonomous Cyber-Physical Systems

University of Florida Board of Trustees

\$330,000

College of Sciences – Mathematics

Walters, Joseph W. / Guo, Siyu / Schneller, Eric

LCOE reduction through proactive operations of PV systems

US Department of Energy

\$1.18 million

Florida Solar Energy Center