

**Office of Research  
IT and Data Management Office**

February, 2018 New Awards

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**Arnold School of Public Health**

***Environmental Health Sciences***

**Porter, Dwayne**

*Florida Coastal Water Quality Monitoring Data Assessment, Access and Training - ( 21600-FC76 )* 74,674

**Sponsor:** Florida Department of Environmental Protection/NOAA

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

***Epidemiology & Biostatistics***

**Liese, Angela**

*Impact of Disparities in Food Security on Glycemic Control and Health Care Utilization Among Youth and Young Adults with Diabetes - ( 11520-FB65 )* 20,000

**Sponsor:** National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 3,348,024  
PROJECT\_YEARS: 5

**McDermott, Suzanne**

*An Innovative Approach to Inclusive Health - ( 11520-FL23 )* 50,000

**Sponsor:** University of Alabama-Birmingham/CDC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 2

***Exercise Science***

**Macintyre, Kevin**

*Youth Football Culture in the Southeastern Region of the United States: Concussions - ( 11530-KA66 )* 999

**Sponsor:** Datalys Center, Inc.

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

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**Pate, Russ**

*Developing an Evaluation Model for Physical Activity Communities of Practice (CoP) - Sub-contract with McKing Consulting - ( 11530-FB31 )* 24,268

**Sponsor:** McKing Consulting/CDC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

*Developing an Evaluation Model for Physical Activity Communities of Practice (CoP) - Sub-contract with McKing Consulting (TRAVEL PORTION ONLY) - ( 11530-FB32 )* 732

**Sponsor:** McKing Consulting/CDC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Weaver, Glenn**

*Investigating the Role of Structured Days on Accelerated Weight Gain during Summer: A Natural Experiment - ( 11530-FB33 )* 216,030

**Sponsor:** National Institute of Child Health & Human Development (NICHD)/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 395,435  
PROJECT\_YEARS: 2

**College of Arts and Sciences**

**Chemistry & Biochemistry**

**Tang, Chuanbing**

*General Strategies Toward Mechanically Robust Biobased Polymers and Composites - ( 13020-FD07 )* 488,725

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 3

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**Earth & Ocean Sciences**

**Lakshmi, Venkataraman**

*Evaluation of Risk and Capacity Development for Two Indian River Basins - ( 21610-FA16 )* 76,474

**Sponsor:** National Aeronautics and Space Administration (NASA)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 225,027  
PROJECT\_YEARS: 3

**Mathematics**

**Petrushev, Pencho**

*Highly Effective Computational Methods in Geomagnetic Field Modeling - ( 21400-FA45 )* 151,465

**Sponsor:** National Geospatial Intelligence Agency (NGA)/DOD

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 750,000  
PROJECT\_YEARS: 5

**McKissick Museum**

**Przybysz, Jane**

*FOLKFabulous at the South Carolina State Fair - ( 34000-FL10 )* 25,000

**Sponsor:** National Endowment for the Humanities (NEH)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 150,000  
PROJECT\_YEARS: 1

**College of Engineering & Comp.**

**Chemical Engineering**

**White, Ralph**

*Electrochemical Thermal Coupled Model and Model Development - ( 15510-JB34 )* 613,783

**Sponsor:** Huawei Technologies Co., Ltd.

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

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**Civil & Environmental Eng.**

**Viparelli, Enrica**

*CAREER: Quantifying the Response of Rivers and Floodplains to Changes in Climate and Land Use - ( 15520-FB56 )* 506,571

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 574,553

PROJECT\_YEARS: 5

**Mechanical Engineering**

**Wang, Yi**

*Algorithms and Module Development for Accurate and Rapid Load Analysis and Design of Experiments - ( 15540-FD71 )* 106,388

**Sponsor:** CFD Research Corporation/US Army

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 216,954

PROJECT\_YEARS: 2

**College of Social Work**

**Social Work - Dean's Office**

**Seay, Kristen**

*Child Welfare Case Records Reviews for the Origins of Child Neglect and Child Emotional Maltreatment in South Carolina - ( 15900-KA37 )* 172,000

**Sponsor:** Children's Trust of South Carolina/BlueCross BlueShield of SC Foundation

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Facility Services**

**Facilities / Landscaping**

**Cook, Larry**

*2017-2018 DHEC COLLEGIATE RECYCLING GRANT - ( 50020-GQ01 )* 12,500

**Sponsor:** DHEC Office of Solid Waste Reduction and Recycling

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**School of Medicine**

**Cell Biology & Anatomy**

**Spinale, Francis**

*Image Guided Delivery of Bioresponsive Hydrogels - ( 18020-FB64 )* 27,323

**Sponsor:** Yale University/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 213,013

PROJECT\_YEARS: 5

**Neurology**

**Sen, Souvik**

*Program to Avoid Cerebrovascular Events through Systematic Electronic Tracking and Tailoring of an Eminent Risk-factor (PACESETTER) - ( 18450-FA12 )* 32,629

**Sponsor:** Medical University of South Carolina (MUSC)/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 163,145

PROJECT\_YEARS: 1

**Pediatrics**

**Cramer, Stuart**

*COG: AHOD1331 - Seattle Genetics - ( 18140-JA36 )* 1,000

**Sponsor:** The Children's Hospital of Philadelphia, Contracting on behalf of the Children's Oncology Group (COG)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

*COG: AAML1031 - Bayer Healthcare Pharmaceuticals - ( 18140-JA37 )* 2,500

**Sponsor:** The Children's Hospital of Philadelphia, contracting on behalf of the Children's Oncology Group (COG)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

*COG: EveryChild (APEC14B1) - ( 18140-KA20 )* 1,550

**Sponsor:** The Children's Hospital of Philadelphia, Contracting on behalf of the Children's Oncology Group (COG)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**Surgery**

**Clair, Daniel**

*"Tack Optimized Balloon Angioplasty Clinical Trial for the Below the Knee Arteries Using the Tack Endovascular System (TOBA II – BTK)" (Protocol No. CA 0137) - ( 18200-JA12 )* 8,000

**Sponsor:** Intact Vascular, Inc.

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 4

**Report Total: \$2,612,611**