

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

April, 2015 New Awards

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**Arts and Sciences, College of**

**Baruch Institute**

**Belgrad, Benjamin**

*The Rffect of Individual Behavior on Fitness - ( 21600-KA81 )*

850

**Sponsor:** Slocum-Lunz Foundation

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Biological Sciences**

**Mousseau, Timothy**

*ACLS: Collaborative Research Fellowship: Project: Chernobyl Revisited: An Historical Inquiry into the Practice of Knowing - ( 13010-KB02 )*

60,000

**Sponsor:** American Council of Learned Societies (ACLS)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Van Meerssche, Elise**

*Allelopathic Effects of Domoic Acid on a Natural Phytoplankton Composition in the North Inlet Estuary, SC - ( 21600-KA80 )*

1,200

**Sponsor:** Slocum-Lunz Foundation

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Electron Microscopy Center**

**Ghoshroy, Soumitra**

*Analysis of R&D specimens using Scanning Electron Microscopy (SEM), Electron Microscopy Center - ( 21800-JL00 )*

3,050

**Sponsor:** Invista

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

**April, 2015 New Awards**

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**Geography**

**Barnes, Jessica**

*Making Bread: The Cultural Politics of Food Security and Wheat Self-Sufficiency in Egypt - ( 13540-KA26 )* 35,000

**Sponsor:** American Council of Learned Societies

**Co-PI:**

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

**Carr, Edward**

*A Comparative Study of the Narratives of Climate Change Vulnerability in the Volta River Delta of Ghana - ( 13540-FB29 )* 19,999

**Sponsor:** The Regents of the University of California/USAID

**Co-PI:** Owusu-Daaku, Kwame

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

**History**

**Osokina, Elena**

*Red Merchants: Soviet Export of Religious Art under Stalin. - ( 13550-KA40 )* 70,000

**Sponsor:** American Council of Learned Societies (ACLS)

**Co-PI:**

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

**Physics & Astronomy**

**Gothe, Ralf**

*Nucleon Resonances: From Photoproduction to High Photon Virtualities - ( 13070-FB41 )* 5,000

**Sponsor:** Jefferson Science Associates, LLC/ (JSA/DOE)

**Co-PI:**

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

**Kulkarni, Varsha**

*AGNs Formed in Protogalaxies Associated with Sub-DLAs - ( 13070-FB40 )* 6,999

**Sponsor:** Smithsonian Astrophysical Observatory/NASA

**Co-PI:**

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

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

**April, 2015 New Awards**

---

**Psychology**

**Lorenzo-Blanco, Elma**

*Latino/ Mental Health in South Carolina: An Assessment of Mental Health Needs, Existing Resources, and Current Challenges - ( 13580-GA03 )* 30,000

**Sponsor:** SC Department of Mental Health

**Co-PI:** Torres, Myriam Smithwick, Julie

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Weist, Mark**

*Second Annual SC School Behavioral Health Conference - ( 13580-FB28 )* 5,000

**Sponsor:** SC State Department of Education/USDE

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Sociology**

**Simpson, Brent**

*The Social Structural Foundations of Reputation, Cooperation and Prosocial Behavior - ( 13530-FA28 )* 55,000

**Sponsor:** Army Research Office (ARO)/DOD

**Co-PI:** Melamed, David

AWARD\_PROJECT\_AMT. IF AVAILABLE: 359,000

PROJECT\_YEARS: 3

**Education, College of**

**Instruction & Teacher Education**

**Baum, Angela**

*Creating Healthy Environments at Child Care Centers in Florence County - ( 15250-FL57 )* 25,000

**Sponsor:** SC Dept of Health and Environmental Control/CDC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

April, 2015 New Awards

---

**Engineering & Computing, College of**

**Chemical Engineering**

**Jabbari, Esmail**

*PFI:AIR - TT: Biomimetic Composite for Segmental Bone Regeneration - ( 15510-FC57 )* 200,000

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

**Co-PI:** Hardaway, Chad

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

**Regalbuto, John**

*Collaborative Research: I/UCRC Phase I: Center for Rational Catalyst Synthesis - ( 15510-FC58 )* 116,974

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

**Co-PI:** Williams, Christopher Monnier, John

AWARD\_PROJECT\_AMT. IF AVAILABLE: 554,871

PROJECT\_YEARS: 5

**Mechanical Engineering**

**Giurgiutiu, Victor**

*A New Generation of Acoustic Emission Smart Sensors - ( 15540-FC93 )* 50,000

**Sponsor:** Office of Naval Research (ONR)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 150,000

PROJECT\_YEARS: 1

**Knight, Travis**

*Pulsed Power Experiments with Thorium Metal or Thorium Compounds - ( 15540-JA77 )* 83,000

**Sponsor:** ProOrbis Ventures

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

**April, 2015 New Awards**

---

**Reynolds, Anthony**

*ONR Corrosion FNC REPAIR TOOL - ( 15540-FC94 )* 4,000

**Sponsor:** Concurrent Technology Corporation/ONR

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 255,865

PROJECT\_YEARS: 4

**Medicine, School of**

**Internal Medicine**

**Hucks, Jennifer**

*Long-Term Administration of Inhaled Mannitol in Cystic Fibrosis- A Safety and Efficacy Trial in Adult Cystic Fibrosis Subjects - ( 18190-JA84 )* 4,250

**Sponsor:** Pharmaxis

**Co-PI:** Newsome, Brandi

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Nursing, College of**

**Nursing**

**Pinto, Bernardine**

*Peers Promoting Exercise Adoption and Maintenance among Cancer Survivors - ( 11200-FA24 )* 555,195

**Sponsor:** National Cancer Institute (NCI)/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 2,678,179

PROJECT\_YEARS: 5

**Pharmacy, SC College of**

**Drug Discovery and Biomedical Sciences**

**McInnes, Campbell**

*Inhibitors of B-raf through the Dimerization Interface - ( 11110-KA24 )* 100,000

**Sponsor:** Melanoma Research Alliance

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

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

April, 2015 New Awards

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**Pharmacy - Clinical Pharmacy and Outcomes Sciences**

**Bookstaver, Brandon**

*ACIP Pneumococcal Immunization Recommendations for Adults with Immunocompromising Conditions – A Scientific Survey of Clinical Practice Guideline Implementation - ( 11150-KA23 )* 250

**Sponsor:** American College of Clinical Pharmacy Research Institute

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Provost, Office of the**

**Provost, Office of the**

**Boccanfuso, Anthony**

*Strategic Personnel Services Support for the University Industry Demonstration Partnership - ( 61000-KL00 )* 421,668

**Sponsor:** University Industry Demonstration Partnership (UIDP)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Public Health, Arnold School of**

**Communication Sciences & Disorders**

**Werfel, Krystal**

*Early Language and Literacy Acquisition in Children with Hearing Loss - ( 11560-FA22 )* 146,500

**Sponsor:** National Institute on Deafness & Other Communication Disorders (NIDCD)/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 439,500

PROJECT\_YEARS: 3

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

**April, 2015 New Awards**

---

**Environmental Health Sciences**

**Baalousha, Mohammed**

*Metal and Nanomaterial Contamination in Stormwater System in South Carolina - ( 11510-FB65 )* 24,999

**Sponsor:** SC Sea Grant Consortium/NOAA/DOC

**Co-PI:** Scott, Geoffry

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Exercise Science**

**Pate, Russ**

*South Carolina FitnessGram Data Analyses - Contract with BlueCross BlueShield of South Carolina Foundation - ( 11530-KA58 )* 155,895

**Sponsor:** BlueCross BlueShield of SC Foundation

**Co-PI:** Dowda, Marsha

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 3

**Health Services Policy and Management**

**Workman, Lauren**

*AccessHealth SC Qualitative Evaluation - ( 11550-KL21 )* 11,000

**Sponsor:** SC Hospital Research and Education Foundation

**Co-PI:** Kenison, Kelli

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Public Health, Arnold School of - Dean**

**Meetze, Edena**

*Tomando Control de su Salud (Taking Care of Your Health) Program - ( 11500-FL38 )* 6,000

**Sponsor:** SC Lieutenant Governor's Office on Aging/HHS

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

April, 2015 New Awards

---

**Social Work, College of**

**Social Work, College of**

**Sutphin, Suzanne**

*University of South Carolina and Columbia Urban League - ( 15900-FA50 )*

5,000

**Sponsor:** Columbia Urban League/DOT

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**USC Beaufort**

**USC Beaufort - Academic Affairs**

**McCoy, Erin**

*After the War is Over: Civilian Life Post-Military Service - ( 17210-FL04 )*

500

**Sponsor:** SC Humanities Council/NEH

**Co-PI:** Kratky, Rena

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**USC Upstate**

**USC Upstate**

**Herzberg, Tina**

*South Carolina Arts Leadership for Success Academy Summer Arts Institute 2015 - ( 17880-GL20 )*

16,800

**Sponsor:** SC Department of Education

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Hightower, Mary**

*AP Institute: Studio Art 2015 - ( 17880-GJ13 )*

16,425

**Sponsor:** SC Department of Education

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1



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

**April, 2015 New Awards**

---

**Parker, Jennifer**

*Child Protection Training Center - Duke Endowment - ( 17880-KJ08 )*

123,000

**Sponsor:** USC Upstate Foundation/the Duke Endowment

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 3

**Report Total:**

**\$2,358,554**