

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

November, 2012 New Awards

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**Arts and Sciences, College of**

**Baruch Institute**

**Allen, Dennis**

*FSML: Imaging Instrument Array for Coastal Landscape and Ecosystem Analysis at the Baruch Marine Field Laboratory, University of South Carolina - ( 21600-FQ00 )* 191,379

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

**Co-PI:** Morris, James

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Chemistry & Biochemistry**

**Garashchuk, Sophya**

*Scientific Advocate Network (SAN) - SC EPSCoR/IDeA 12-103 (Increasing Access to and Expertise in Computational Chemistry) - ( 13020-FC23 )* 5,998

**Sponsor:** South Carolina EPSCoR/IDeA Program (SAN)/NSF

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Tang, Chuanbing**

*Square Arrays of Cylinders in Thin Films of Symmetric ABC Triblock Copolymers - ( 13020-KA92 )* 100,000

**Sponsor:** American Chemical Society Petroleum Research Fund

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Earth and Ocean Sciences**

**Bulusu, Subrahmanyam**

*USC- SC Space Grant Consortium Award - ( 13040-FC07 )* 2,000

**Sponsor:** College of Charleston/NASA

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**Moore, Willard**

*Collaborative Research: US GEOTRACES Pacific Zonal Transect: Rates of Supply, Removal and Internal Cycling of Trace Elements and Isotopes - ( 13040-FC06 )* 28,462

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

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 87,313

PROJECT\_YEARS: 3

**Owens, Thomas**

*GEGEO-UNGE English Language Program - ( 13040-JJ00 )* 993,299

**Sponsor:** Marathon Oil

**Co-PI:** Rowe, J.

AWARD\_PROJECT\_AMT. IF AVAILABLE: 2,282,989

PROJECT\_YEARS: 4

**Mathematics**

**Wang, Qi**

*Cytoskeletal Oscillations: Mathematical Modeling Integrated with Experiments. - ( 21400-FA20 )* 26,768

**Sponsor:** The University of North Carolina at Chapel Hill/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 5

**Psychology**

**Booze, Rosemarie**

*International AIDS Society- National Institute of Drug Abuse Fellowship Programme Award - ( 13580-KA88 )* 75,000

**Sponsor:** International Aids Society (IAS)/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Weist, Mark**

*Design of an Impact Evaluation of School-Wide Positive Behavior Supports - ( 13580-FB08 )* 35,839

**Sponsor:** Tanglewood Research Inc/USDE

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**Public Service & Policy Research, Institute for**

**Oldendick, Robert**

*Behavioral Risk Factor Surveillance Survey - ( 21100-FL50 )*

399,919

**Sponsor:** South Carolina Department of Health and Environmental Control

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 1,798,670

PROJECT\_YEARS: 4

**Business, Moore School of**

**Business, Moore School of - Division of Research**

**Von Nessen, Joseph**

*SPAWAR Economic Impact Analysis - ( 21200-FA23 )*

119,929

**Sponsor:** US Navy SPAWAR System Center Atlantic Charleston/DOD

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Engineering & Computing, College of**

**Chemical Engineering**

**Jabbari, Esmail**

*Grants for Exploratory Academic Research(GEAR)- Engineered Hydrogel Matrix for Cell Printing - ( 15510-FC15 )*

40,000

**Sponsor:** South Carolina EPSCoR/IDeA Program (GEAR)/NSF

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Jabbarzadeh, Ehsan**

*Grants for Exploratory Academic Research (GEAR) - A Combined Experimental and Modeling Approach to Identity the Molecular Basis for Stem Cell Spheroid Fusion and Vascular Maturation - ( 15510-FC16 )*

60,000

**Sponsor:** South Carolina EPSCoR/IDeA Program (GEAR)/NSF

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**White, Ralph**

*Support for preparation of Phase I proposal - STTR - ( 15510-FC14 )*

14,882

**Sponsor:** Quallion/DOD

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Electrical Engineering**

**Ali, Mohammad**

*Novel Beam Steering Apertures and Waveforms for High Capacity Broadband  
Wireless Nodes - ( 15530-FB41 )*

499,955

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

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 3

**Simin, Grigory**

*Normally-OFF AllnN/GaN MISHFET with Composite Channel (SBIR Phase I) - (  
15530-FB42 )*

16,000

**Sponsor:** Sensor Electric Technology, Inc./ONR/DOD

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Mechanical Engineering**

**Shazly, Tarek**

*Grants for Exploratory Academic Research (GEAR) - Mechanical Characterization  
and Constitutive Modeling of BVCs - ( 15540-FC30 )*

60,000

**Sponsor:** South Carolina EPSCoR/IDeA Program (GEAR)/NSF

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Sutton, Michael**

*Grants for Exploratory Academic Research(GEAR)- Mechanical and Histological  
Characterization of Native Vasculature - ( 15540-FC31 )*

50,000

**Sponsor:** South Carolina EPSCoR/IDeA Program (GEAR)/NSF

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**Medicine, School of**

**Internal Medicine**

**Albrecht, Helmut**

*A Phase 2, Randomized, Double-Blinded Study of the Safety and Efficacy of Darunavir /Cobicistat /Emtricitabine/GS-7340 Single Tablet Regimen Versus Cobicistat-boosted Darunavir plus Emtricitabine/Tenofovir Disoproxil Fumarate Fixed Dose Combination in HIV* 5,500

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 4

**Obstetrics & Gynecology**

**Spiryda, Lisa**

*2012 Carolina Women's Health Research Forum - ( 18110-KA06 )* 3,000

**Sponsor:** SC March of Dimes

**Co-PI:** Burgis, Judith

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

**Pathology, Microbiology and Immunology**

**Nagarkatti, Prakash**

*NSF EPSCoR Research Infrastructure Improvement (RII) Track 1 - ( 22400-FA02 )* 700,000

**Sponsor:** South Carolina EPSCoR/IDeA Program )/NSF

**Co-PI:**

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

**Public Health, Arnold School of**

**Epidemiology & Biostatistics**

**McKeown, Robert**

*IPA Assignment agreement #13IPA1303285 - ( 11520-FB20 )* 15,107

**Sponsor:** CDC/HHS

**Co-PI:**

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

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**Health Promotion, Education & Behavior**

**Thrasher, James**

*Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01 CA138389) - ( 11540-FA51 )* 78,457

**Sponsor:** Medical University of SC/NCI/NIH

**Co-PI:**

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

*Cinema Smoking and Youth Smoking in Latin America - ( 11590-FA56 )* 20,000

**Sponsor:** Trustees of Dartmouth College/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 5

**Health Services Policy and Management**

**Hale, Nathan**

*March of Dimes South Carolina Chapter Cooperative Agreement - ( 11550-KL11 )* 13,779

**Sponsor:** March of Dimes, South Carolina Chapter

**Co-PI:**

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

**Khan, Mahmud**

*GA: Jamie Jenkinson - ( 11550-GP37 )* 6,480

**Sponsor:** SC Department of Health and Human Services

**Co-PI:**

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

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**Martin, Amy**

*Evaluation of The American Thrombosis and Hemostasis Network: The Ideal National Hemophilia Program Coordinating Center - ( 11550-FA33 )* 31,537

**Sponsor:** American Thrombosis and Hemostasis Network/HRSA

**Co-PI:**

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

*The South Carolina Oral Health Safety Net Enhancement Portfolio: Improving Access to Care through Innovative Oral Health Workforce Approaches - ( 11550-FL14 )* 496,902

**Sponsor:** Health Resources & Services Administration (HRSA)/HHS

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 1,433,776  
PROJECT\_YEARS: 1

*OH 2014 Implementation Grant: Demonstration of COHC Effectiveness - ( 11550-KL10 )* 150,000

**Sponsor:** DentaQuest Foundation

**Co-PI:**

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

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**Williams, Amanda**

GA: *Kelsey D. Heiter - ( 11550-HP04 )* 4,000

**Sponsor:** Lexington/Richland Alcohol and Drug Abuse Commission (LRADAC)

**Co-PI:**

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

GA: *Chase Babcock - ( 11550-LT05 )* 6,000

**Sponsor:** Palmetto Health

**Co-PI:**

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

GA: *William Ryan Broadhead - ( 11550-LT06 )* 6,000

**Sponsor:** Palmetto Health

**Co-PI:**

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

GA: *Eric Rebraca - ( 11550-LT07 )* 3,000

**Sponsor:** Sisters of Charity Providence Hospitals

**Co-PI:**

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

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

**Pearson, Joseph**

*Health Care Certificate Program - ( 11500-KJ15 )* 170,000

**Sponsor:** The Duke Endowment

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 340,000  
PROJECT\_YEARS: 2

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**Smithwick, Julie**

*Choose Today a Healthy Tomorrow - ( 11500-KL21 )* 20,000

**Sponsor:** The University of North Carolina at Chapel Hill/W.K. Kellogg Foundation

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

*Latino Parent Leadership Initiative - ( 11500-KL22 )* 17,500

**Sponsor:** Lipcomb Family Foundation

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Research in Nutrition & Health Disparities, Center for**

**Moran, Robert**

*USC-Department of Biostatistics Nutrition Center-HSRC one-time expense grant. - ( 11520-GQ00 )* 1,700

**Sponsor:** SC Department of Disabilities and Special Needs

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**USC Aiken**

**USC Aiken**

**Jackson, William**

*SREL/USCA Internships in Radioecology - ( 17110-FJ22 )* 20,582

**Sponsor:** University of Georgia/DOE

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Report Total: \$4,488,974**