

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

March, 2012 New Awards

Arts and Sciences, College of

Baruch Institute

Greenfield, Dianne

Development of a Novel Genetic Approach to Rapidly Detect and Quantify Fish Eggs of Commercially Important Species: a New Tool for Fisheries Management - (21600-FC03) 52,536

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 101,817
PROJECT_YEARS: 2

Smith, Erik

Assessing Aeration as a Means of Improving Stormwater Pond Performance and Reducing Organic Loading to the Coastal Zone - (21600-FC04) 4,000

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI: Richardson, Tammi

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 167,515
PROJECT_YEARS: 2

Chemistry & Biochemistry

Wiskur, Sheryl

Microwave Synthesizer for Mechanistic Investigations of Silylation Based Kinetic Resolutions and Monomer and Peptide Synthesis - (13020-FQ05) 6,000

Sponsor: SC Research Authority (SCRA)/SC EPSCoR/NSF

Co-PI: Lavigne, John

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 6,000
PROJECT_YEARS: 1

Earth and Ocean Sciences

Bulusu, Subrahmanyam

Northern Indian Ocean Salt Transport (NIOST): Estimation of Fresh and Salt Water Transports in the Indian Ocean using Remote Sensing, Hydrographic Observations, and HYCOM simulations. - (13040-FB97) 118,771

Sponsor: Office of Naval Research (ONR)/DOD

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 345,000
PROPOSED_PROJECT_AMT: 345,000
PROJECT_YEARS: 3

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Mathematics

Sharpley, Robert

Expansion of the RII Track I Middleware Training Program to Primarily Undergraduate Institutions - (21400-GJ00) 11,362

Sponsor: SC Research Authority (SCRA)/SC EPSCoR

Co-PI: Bennett, Colin Ebalunode, Jerry Sergueev, Nikolai

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 10,500

PROJECT_YEARS: 1

Physics & Astronomy

Kulkarni, Varsha

Sub-damped Lyman-alpha Absorbers at $z < 0.6$: An Unexplored Terrain in the Quest for Cosmic Metals - (13070-FB10) 181,713

Sponsor: Space Telescope Science Institute/NASA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 181,713

PROJECT_YEARS: 2

Psychology

Roberts, Jane

Language Development in Fragile X Syndrome - (13580-FA95) 25,000

Sponsor: University of California -Davis/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 1,326,355

PROJECT_YEARS: 5

Public Service & Policy Research, Institute for

Oldendick, Robert

South Carolina Adult Tobacco Survey - (21100-GL20) 273,888

Sponsor: SC Department of Health and Environmental Control(DHEC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 273,888

PROJECT_YEARS: 1

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Education, College of

Education Leadership & Policies

Bloom, Jennifer

Down but Not out: Coping Resources of Highly Selective Majors in Forced Transition - (15230-KA02) 3,250

Sponsor: National Academic Advising Association (NACADA)

Co-PI: Halasz, Helen Mulhern

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 3,250

PROJECT_YEARS: 1

Engineering & Computing, College of

Chemical Engineering

Blanchette, James

Living Delivery Systems to Promote Vascular Development in 3D Scaffolds - (15510-FB99) 68,000

Sponsor: National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMSD)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 204,000

PROPOSED_PROJECT_AMT: 204,000

PROJECT_YEARS: 3

Civil & Environmental Engineering

Berge, Nicole

Energy Source Creation from Diverted Food Wastes via Hydrothermal Carbonization - (15520-KA29) 132,577

Sponsor: Environmental Research and Education Foundation (EREF)

Co-PI: Flora, Joseph

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 132,576

PROJECT_YEARS: 2

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Hospitality, Retail & Sport Management, College of

Hospitality, Retail & Sport Management - (Dean)

Hudson, Simon

Lake City Restaurant Survey - (14000-KA04) 9,900

Sponsor: Lake City Partnership Council

Co-PI: DiPietro, Robin

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 9,900

PROJECT_YEARS: 1

Law, School of

Children's Law Center

Morris, Carolyn

Multi-Agency Team Project - (15810-FL33) 49,858

Sponsor: SC Department of Public Safety (DPS)/DOJ

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 162,498

PROJECT_YEARS: 1

Multi-Agency Team Project - (15810-FL34) 112,640

Sponsor: SC Department of Public Safety (DPS)/DOJ

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 162,498

PROJECT_YEARS: 1

Medicine, School of

Cell Biology & Anatomy

Carver, Wayne

Recruitment to Enhance Diversity in Biomedical Sciences - (18020-FA91) 2,650

Sponsor: SC Research Authority (SCRA)/SC EPSCoR/NSF

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 2,650

PROJECT_YEARS: 1

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Pharmacology, Physiology & Neuroscience

Reagan, Lawrence

2012 SYNAPSE meeting - (18080-GJ00) 2,500

Sponsor: SC Research Authority(SCRA)/SC EPSCoR

Co-PI: Sweitzer, Sarah

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 2,500

PROJECT_YEARS: 1

Public Health, Arnold School of

Environmental Health Sciences

Volz, David

Targeted High-Content Imaging Assessments of Aberrant G-Protein-Coupled Estrogen Receptor (GPER) Activation During Vertebrate Embryogenesis - (11510-FB40) 10,000

Sponsor: U.S. Environmental Protection Agency (EPA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 1,063,460

PROJECT_YEARS: 3

Epidemiology & Biostatistics

Chakraborty, Hrishikesh

Contract with FHI360 - (11520-KA27) 20,000

Sponsor: fhi360

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 60,000

PROPOSED_PROJECT_AMT: 60,000

PROJECT_YEARS: 2

Williams, Edith

Use of a Community-University Partnership to Eliminate Environmental Stressors (Sub-contract) - (11550-FA31) 82,228

Sponsor: University of Maryland/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 183,716

PROPOSED_PROJECT_AMT: 183,716

PROJECT_YEARS: 2

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Health Promotion, Education & Behavior

Jones, Sonya

*COPAS*Cities: *Childhood Obesity Prevention in SC Communities - (11590-FA51)* 10,000

Sponsor: United States Department of Agriculture & Food Research (USDA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 2,315,037
PROJECT_YEARS: 5

Moore, Justin

Evaluation of the Effectiveness of Community Grants in Increasing Physical Activity among Youth - (11540-KA37) 18,496

Sponsor: North Carolina Public Health Foundation/RWJ

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 18,496
PROJECT_YEARS: 1

Health Services Policy and Management

Williams, Amanda

GA: Lu Han (Research Agreement) - (11550-LR83) 3,600

Sponsor: Lexington Medical CenterAttention: Theresa M. Falcone

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 3,600
PROJECT_YEARS: 1

GA: William James - (11550-LR84) 1,200

Sponsor: Lexington Medical Center (LMC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 1,200
PROJECT_YEARS: 1

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Public Health, Arnold School of - Dean

Pearson, Joseph

SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Programs (Function #1) - (11500-FA25) 90,000

Sponsor: SC Department of Health & Environmental Control (DHEC)/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 716,530
PROPOSED_PROJECT_AMT: 716,530
PROJECT_YEARS: 4

SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Programs (Function #2) - (11500-FA26) 89,306

Sponsor: SC Department of Health & Environmental Control (DHEC)/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 716,530
PROJECT_YEARS: 4

USC Beaufort

USC Beaufort - General

Upshaw, Jane

Together with Beaufort MOU - (17220-KL20) 9,900

Sponsor: Beaufort County Human Services Alliance Leadership Council

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 9,900
PROJECT_YEARS: 1

USC Union

USC Union

Fatemi, Tara

SC Campaign to Prevent Teen Pregnancy "What Could We Do" Program - (17770-KL01) 10,000

Sponsor: SC Campaign to Prevent Teen Pregnancy

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROPOSED_PROJECT_AMT: 10,500
PROJECT_YEARS: 1

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USC Upstate

USC Upstate

Gibb, Katharine

Services Focused Special Congressional Initiative - (17880-FJ34)

495,000

Sponsor: Spartanburg Regional Health Services District, Inc./HRSA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROPOSED_PROJECT_AMT: 495,000

PROJECT_YEARS: 1

Report Total: \$1,894,375