

Office of Research
IT and Data Management Office

September, 2013 New Awards

Arts and Sciences, College of

Baruch Institute

Morris, James

Collaborative Research: Sea-Level Rise and Salt-Marsh Response: a Paleo Perspective - (21600-FC22) 62,876

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Plunket, Jennifer

Improving Management of Coastal Habitats: Testing a Tool to Assess the Vulnerability of Coastal Habitats to Climate Change Impacts - (21600-FC24) 142,286

Sponsor: University of New Hampshire/NOAA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Smith, Erik

Improving Management Outcomes of Sea-Level Rise Modeling through Standardized Sampling a Key Model Input: Total Suspended Solids above Tidal Marshes - (21600-FC25) 26,133

Sponsor: Point Blue Conservation Science/UNH/NOAA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Biological Sciences

Pena, Maria

Center for Colon Cancer Research - Mouse Experimental Core - (13130-FA56) 137,750

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

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Reisman, David

Center for Colon Cancer Research - Tissue Biorepository Core - (13130-FA55)

94,975

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Twiss, Jeff

Importin B1 Control of Retrograde Injury Signaling - (13010-LA02)

9,500

Sponsor: US-Israel Binational Science Foundation (BSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 28,500

PROJECT_YEARS: 3

Chemistry & Biochemistry

Shimizu, Ken

Molecular Balance for Measuring Molecular-Level Anion Effects on Amino Acids - (13020-FC36)

390,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 4

Wang, Qian

Development of Functional Polymer-Protein Core-Shell Nanoparticles - (13020-FC37)

390,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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COBRE: Center for Colon Cancer Research

Berger, Franklin

Center for Colon Cancer Research - Administrative Core - (13130-FA51) 300,323

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 5,410,985

PROJECT_YEARS: 5

Center for Colon Cancer Research - Research Pilot Projects - (13130-FA52) 362,500

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

A Fecal Immunochemical Testing (FIT) Program for Colorectal Cancer Screening in South Carolina - (13130-FL00) 59,622

Sponsor: South Carolina Cancer Alliance/DHEC/CDC

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Criminology & Criminal Justice, Department of

Sevigny, Eric

Analysis of Drug-Involved Driving Data from the Fatality Analysis Reporting System: An Update and Extension - (12200-FA21) 49,788

Sponsor: Office of National Drug Control Policy - Executive Office of the President

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Earth and Ocean Sciences

Kellogg, James

South Carolina Coastal Plain Basement and Structural Features Mapping Project - (13040-FC17) 15,000

Sponsor: SC Department of Natural Resources (SCDNR)/USGS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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September, 2013 New Awards

English

Blackwell, Elise

Split P - (12530-HL00)

1,400

Sponsor: A.C. Moore Elementary School -Richland One

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

History

Schulz, Constance

The Revolutionary Era Pinckney Statesmen of South Carolina: a Digital Documentary Edition - (13550-FA20)

225,000

Sponsor: National Endowment for the Humanities (NEH)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Languages, Literatures, and Cultures

Persels, Jeff

The Tournees Festival - (12610-LL00)

1,800

Sponsor: French American Cultural Exchange

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Mathematics

Liu, Xinfeng

Mathematical Modeling and Computational Studies for Proliferation Kinetics of Cancer Tumor Growth with Spatial-Temporal Dynamics - (21400-FA24)

63,255

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 192,674

PROJECT_YEARS: 3

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September, 2013 New Awards

McKissick Museum

Przybysz, Jane

Historic Mineral & Fossil Collections Revisited - (34000-FA16) 77,685

Sponsor: Institute for Museum & Library Services (IMLS)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Psychology

Weist, Mark

Psychological Services Fixed Price Agreement: Charleston County School District - (13580-HL10) 3,982

Sponsor: Charleston County School District & Various Other Districts

Co-PI: Splett, Joni

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Zieber, Nicole

Cortical Areas Involved in Face Processing in Infants at Low- and High-Risk for Autism Spectrum Disorders - (13580-FB22) 51,705

Sponsor: National Institute of Mental Health (NIMH)/NIH

Co-PI: Richards, John

AWARD_PROJECT_AMT. IF AVAILABLE: 106,386

PROJECT_YEARS: 2

Public Service & Policy Research, Institute for

Oldendick, Robert

Improving the Medication Management of Patients with ADHD - (21100-FA23) 11,446

Sponsor: American Academy of Pediatrics/HRSA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Evaluation of Food Hub's Impact on Food Access, Diet and Weight in a Food Desert - (21100-FA24) 7,582

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 4

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Science Education, Center for

Jordan, Donald M.

DOD SC Junior Science and Humanities Symposium FY 2014 - (13090-FJ12)

15,300

Sponsor: Academy of Applied Science/DOD

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Sociology

Melamed, David

Doctoral Dissertation Research: A Theory of Reward Stability and Group Cooperation - (13530-FA24)

7,734

Sponsor: National Science Foundation (NSF)

Co-PI: Park, Hyomin

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Statistics

Pena, Edsel

Center for Colon Cancer Research - Biometry Core - (13130-FA54)

48,899

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

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September, 2013 New Awards

Education, College of

Office of Program Evaluation

D'Amico, Leigh

Here Comes Kindergarten Gonzales Gardens Evaluation - (15290-FA13) 5,000

Sponsor: Richland County Public Library/Institute of Museum and Library Services (IMLS)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

SCDE Rubric Evaluation for the Educator Evaluation Process - (15290-GA06) 154,750

Sponsor: SC Department of Education

Co-PI: Dickenson, Tammiee

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Engineering & Computing, College of

Chemical Engineering

Jabbari, Esmail

I-Corps: Biomimetic Degradable Load Bearing Osteoconductive Bone Graft - (15510-FC29) 50,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Jabbarzadeh, Ehsan

The Utility of the Carbon Nanotube for Modulating Matrices in the Microenvironment - (15510-LA02) 3,000

Sponsor: The Regents of the University of California - Lawrence Berkeley Laboratories

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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September, 2013 New Awards

Regalbuto, John

Fundamental Studies of Bimetallic Fuel Cell Catalysts - (15510-JB04) 5,000

Sponsor: Toyota Motor Engineering & Manufacturing North America, Inc.

Co-PI: Monnier, John

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Electrical Engineering

Koley, Goutam

*PFI: AIR Technology Translation - Functionalized III-V Nitride based
Microelectromechanical Sensors for Neutron Detection - (15530-FB51)* 150,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Wang, Guoan

*Graphene NEMS Switches for Frequency Tunable Multiband RF Components and
Systems - (15530-KA21)* 18,851

Sponsor: Southeastern Center for Electrical Engineering Education (SCEEE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Wang, Xiaofeng

*CPS: Synergy: Collaborative Research: Engineering Safety-Critical Cyber-Physical-
Human Systems - (15530-FB52)* 207,305

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Zhang, Bin

A Lithium-Ion Battery Health Monitoring System - (15530-KA22) 18,653

Sponsor: Southeastern Center For Electrical Engineering Education (SCEEE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Engineering & Computing, College of

Boccanfuso, Anthony

Leveraging Workshop: Catalyzing University-Industry Engagement to Promote the Nation's Competitiveness - (15500-FA16) 30,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Mechanical Engineering

Bayoumi, Abdel

Enhancing Apache CBM through Tribological Investigation (CLIN 0001) - (15540-FC48) 503,446

Sponsor: SC National Guard/US Army

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Condition-Based Maintenance Program: Apache Aircraft Components Testing (CLIN 0002) - (15540-FC49) 381,907

Sponsor: SC National Guard/US Army

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Giurgutiu, Victor

Ultrasonic NDE/SHM Equipment for Advanced Materials and Structures - (15540-FQ06) 500,000

Sponsor: Air Force Office of Scientific Research(AFOSR)/DOD

Co-PI: Yu, Lingyu Lin, Bin Bao, Jingjing Gresil, Matthieu

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

SHM Research for GE Applications - Phase I - (15540-JA69) 50,000

Sponsor: General Electric Company

Co-PI: Yu, Lingyu Lin, Bin Gresil, Matthieu Bao, Jingjing

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Hospitality, Retail & Sport Management, College of

Hospitality, Retail & Sport Management - (Dean)

Hudson, Simon

Increasing Tourism in 10 economically Distressed Counties in South Carolina - (14000-FA00) 44,991

Sponsor: Department of Commerce (DOC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Hotel, Restaurant & Tourism Administration

Harrill, Richard

A Comprehensive Visitor Profile, Economic Impact and Destination Image Study for Patriots Point and the USS Yorktown: Fall, Spring and Summer Data Collection - (14050-GA02) 32,000

Sponsor: Patriots Point Naval & Maritime Museum

Co-PI: Ballouli, Khalid Brown, Matthew Li, Xiang (Robert)

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Sport & Entertainment Management

Gillentine, Andrew

Venue Management School Monograph Review Proposal Phase 1 - (14030-KL00) 10,000

Sponsor: International Association of Venue Managers

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Law, School of

Children's Law Center

Morris, Carolyn

Window Restoration at the Children's Law Center at the Whaley House - (15810-HL00) 10,000

Sponsor: Richland County Conservation Commission

Co-PI: Davis, Harry

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Geo Maps - (15810-KA00) 29,325

Sponsor: Casey Family Program (CFP)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of

Covington, Randy

Media Training - Russia - (15600-FJ12) 150,000

Sponsor: US Department of State

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Tanner, Andrea

Improving Knowledge and Communication of the Affordable Care Act: A Focus on South Carolina Adults in Richland County - (15600-KA09) 97,674

Sponsor: Central Carolina Community Foundation / Knight Foundation

Co-PI: Friedman, Daniela

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Office of Research
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September, 2013 New Awards

Medicine, School of

Cell Biology & Anatomy

Goldsmith, Edie

Reversal of Myocardial Infarction by Localized Stimulation - (18020-FB23) 95,960

Sponsor: Micro Vide, LLC/NIH

Co-PI: Brower, Gregory

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Price, Robert

Center for Colon Cancer Research - Biotechnology Core - (13130-FA53) 137,750

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Internal Medicine

Albrecht, Helmut

A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide Versus Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Positive, Antiretroviral Treat 5,000

Sponsor: Gilead Sciences, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Neurology

Sen, Souvik

A Multicenter, Randomized, Double Blind, Sham Control, Parallel Arm Trial to Assess Safety and Effectiveness of the Ischemic Stroke System ISS, as an Adjunct to Standard of Care in Subjects with Acute Ischemic Stroke - (18450-JA05) 9,000

Sponsor: BrainsGate Ltd.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Office of Research
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September, 2013 New Awards

Neuropsychiatry

Narasimhan, Meera

Innovative Technology to Deliver Comprehensive, Affordable Healthcare and Research Excellence (ICARE) - (18120-KL02) 50,000

Sponsor: The Fullerton Foundation

Co-PI: Hardeman, Suzanne Strayer, Scott Anderson, William

AWARD_PROJECT_AMT. IF AVAILABLE: 150,000

PROJECT_YEARS: 3

Srinivasan, Shilpa

Screening, Brief Intervention, and Referral to Treatment (SBIRT) Medical Professional Training Program - (18120-FJ03) 290,003

Sponsor: Substance Abuse & Mental Health Services Administration (SAMHSA)/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 941,877

PROJECT_YEARS: 3

Pathology, Microbiology and Immunology

Nagarkatti, Mitzi

IPA for Xiaoming Yang - (18060-FA94) 40,185

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

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September, 2013 New Awards

Pediatrics

Neuberg, Ronnie

COG Millennium Pharmaceuticals - (18140-JA24) 3,000

Sponsor: Children's Hosp. of Philadelphia (CHOP)/ Children's Oncology Group/Millennium Pharmaceutical, Inc

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

A Phase 2/3, Multi-Center, Open Label Study of Efficacy, Safety, and Pharmacokinetics of PEGylated Recombinant Factor VIII (BAX 855) Administered for Prophylaxis and Treatment of Bleeding in Previously Treated Patients with Severe Hemophilia A - (18140-J 7,250

Sponsor: Baxter Healthcare Corporation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Pharmacology, Physiology & Neuroscience

Reagan, Lawrence

Decreased CNS Leptin Activity in Comorbid Obesity and Depression. - (18080-FA34) 9,065

Sponsor: Veterans Administration/VA

Co-PI: Wilson, Steven

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Decreased CNS Leptin Activity in Comorbid Obesity and Depression. - (18080-FA35) 16,964

Sponsor: Veterans Administration/VA

Co-PI: Wilson, Marlene

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

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Wilson, Marlene

Modeling Individual Differences in PTSD - (18080-FA36) 55,328

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Modeling Individual Differences in PTSD - (18080-FA37) 11,086

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI: Fadel, Jim

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Modeling Individual Differences in PTSD (Kris Ford Kaigler) - (18080-FA38) 21,811

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Modeling Individual Differences in PTSD (Larry Reagan) - (18080-FA39) 6,940

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI: Reagan, Lawrence

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Modeling Individual Differences in PTSD (Jennifer Nyland) - (18080-FA40) 4,902

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI: Nyland, Jennifer

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Modeling Individual Differences in PTSD (Britt Wilson) - (18080-FA41) 11,691

Sponsor: Veterans Administration/VA

Co-PI: Wilson, L.

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

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Public Health, Arnold School of

Epidemiology & Biostatistics

Tabung, Fred

Dietary Inflammatory Index and Risk of Cancer in Women - (11500-FA51) 38,889

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 77,778

PROJECT_YEARS: 2

Exercise Science

West, Delia

Internet Assisted Obesity Treatment: Enhanced by Motivational Interviewing - (11530-FA91) 64,912

Sponsor: University of Vermont/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Health Services Policy and Management

Probst, Janice

Upper Midlands Rural Health Network Rural Health HIT Network Development Grant - (11550-FL20) 25,000

Sponsor: Upper Midlands Rural Health Network/HRSA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Wigfall, Lisa

HPV-Mediated Cancer mHealth Prevention Education for Women Living with HIV Pilot Study - (11550-FJ01) 142,073

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 711,544

PROJECT_YEARS: 5

**Office of Research
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Research, Vice President for

EPSCoR

Little, Scott

SC EPSCoR/IDeA FY14 Appropriation - (22400-GA29)

639,664

Sponsor: SC Commission on Higher Education (SCCHE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Social Work, College of

Families in Society, Institute for

Shapiro, Cheri

Saluda County Triple P America Project - (10010-JA00)

14,000

Sponsor: Triple P America

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

University Libraries

University Libraries

Fulmer, Henry

Accessing the New South: A Project to Enhance Access to Manuscript Collections in the South Caroliniana Library - (30000-FL11)

98,822

Sponsor: National Archives & Records Administration

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Report Total:

\$6,807,738