

University of South Carolina — April 2023 New Grant Awards Report

PI's College	PI's Department	PI Name	Award Title	Sponsoring Agency	Award Total
Arnold School of Public Health					
	<i>Applied Research & Evaluation (CARE)</i>				
		<i>Workman, Lauren</i>	<i>Catawba Nation MIECHV Community Engagement and Data Specialist</i>	Catawba Nation/Health Resources and Services Administration	\$ 48,209
	<i>Environmental Health Sciences</i>				
		<i>Lead, Jamie</i>	<i>A nano-enabled approach to the aqueous phase removal of Karenia brevis and associated toxins; a mesocosm study</i>	Mote Marine Laboratories/FFWC/FWC	\$ 50,000
	<i>Exercise Science</i>				
		<i>Regan, Elizabeth W.</i>	<i>Center on Health Services Training and Research Part-Time Faculty Fellowship</i>	Center for Health Services Training and Research (CoHSTAR)/Brown University	\$ 120,000
		<i>Yeargin, Susan</i>	<i>The Association between Central Nervous System Function and Core Body Temperature in Exertional Heat Stroke Patients</i>	American College of Sports Medicine (ACSM) Foundation	\$ 4,979
	<i>Health Prom., Educ. & Behavior</i>				
		<i>Thrasher, James</i>	<i>The Impact of Tobacco Control Policies on Health Equity in the United States - MERIT Extension</i>	University of Michigan/NCI/NIH	\$ 81,386
College of Arts and Sciences					
	<i>Archaeology & Anthropology</i>				
		<i>King, Adam</i>	<i>Cultural Resources Survey of Goodwill Plantation</i>	SC Department of Natural Resources (SCDNR)	\$ 47,930
	<i>Biological Sciences</i>				
		<i>Pinckney, James</i>	<i>Collaborative Research: THE BENTHIC MICROALGAL SUBSIDY IN ESTUARINE ECOSYSTEMS</i>	National Science Foundation (NSF)	\$ 844,365
		<i>Stone, Joshua</i>	<i>Collaborative research: Ecological and biogeochemical role of Rhizaria in the oligotrophic ocean</i>	National Science Foundation (NSF)	\$ 406,981
	<i>Criminology & Criminal Justice</i>				
		<i>Andersen, Tia</i>	<i>Understanding How Mentoring Can Disrupt the School-to-Prison Pipeline and Promote Positive Youth Development</i>	National Science Foundation (NSF)	\$ 403,569
	<i>Geography</i>				
		<i>Li, Zhenlong</i>	<i>Accessibility Analysis and Visualization of the Children and Youth Foster Care in South Carolina</i>	South Carolina Department of Social Services (SCDSS)	\$ 34,479
	<i>Psychology</i>				
		<i>Coffman, Donna</i>	<i>Mindfulness and Acceptance-Based Interventions for Obesity</i>	Drexel University/NIDDK/NIH	\$ 69,100
	<i>School of Earth, Ocean & Env.</i>				
		<i>Frost, Daniel (Dan)</i>	<i>Collaborative Research: Investigating Inner Core Evolution through multi-scale seismic investigation and inversion</i>	National Science Foundation (NSF)	\$ 6,452
College of Engineering & Comp.					
	<i>Civil & Environmental Eng.</i>				
		<i>Hoque, Shamia</i>	<i>SNRL Addendum: Deposition Velocity Measurements for Metal Tritide Particles</i>	Savannah River Nuclear Solutions, LLC (SRNS)/DOE	\$ 8,782
	<i>Electrical Engineering</i>				

		<i>Booth, Kristen</i>	<i>Support of Grid Forming Inverter Network Cyber Attack Intrusion Prevention and Localization System</i>	Battelle Savannah River Alliance, LLC/SRNL/DOE	\$ 49,924
		<i>Ginn, Herbert</i>	<i>ONR: Packet-Based Energy Routing for Power Distribution Systems</i>	Office of Naval Research (ONR)/DOD	\$ 1,000,000
	<i>IIT - Engineering</i>				
		<i>Crichigno, Jorge</i>	<i>Preparing Cyber Warfare Professionals by Integration of Curriculum, Experiences, and Internships</i>	Office of Naval Research (ONR)/DOD	\$ 599,999
		<i>Wu, Dezhi</i>	<i>Conference: IEEE ICHI 2023 Doctoral Consortium Program</i>	National Science Foundation (NSF)	\$ 20,000
<i>College of Nursing</i>					
	<i>Nursing</i>				
		<i>Magwood, Gayenell</i>	<i>South Carolina Clinical & Translational Research Institute (SCTR)</i>	Medical University of South Carolina (MUSC)/NCATS/NIH	\$ 78,436
<i>College of Pharmacy</i>					
	<i>Drug Discovery & Biomed Sci.</i>				
		<i>Shtutman, Michael</i>	<i>Targeting Immunometabolism: a novel role for itaconate in the treatment of HIV-associated neurocognitive disorder and cocaine use disorder</i>	National Institute on Drug Abuse (NIDA)/NIH	\$ 400,798
		<i>Zhu, Jun</i>	<i>Effects of HIV-1 Tat protein and methamphetamine on VMAT2-mediated dopamine transmission in the context of neuroHIV and drug abuse</i>	National Institute on Drug Abuse (NIDA)/NIH	\$ 3,223,760
<i>Darla Moore School of Business</i>					
	<i>Moore Sch - Management</i>				
		<i>Whitener, Kathryn</i>	<i>Faber Entrepreneurship Center Opportunity Workshops</i>	SC Department of Commerce Office of Innovation (SCDOC)	\$ 60,000
	<i>Moore Sch - Div. of Research</i>				
		<i>Von Nessen, Joseph</i>	<i>Carlyle Development: Economic Impact Analysis</i>	Carlyle Development, LLC	\$ 40,000
	<i>Small Business Dev. Ctr.</i>				
		<i>Abraham, Michele</i>	<i>SC Small Business Development Centers Program Announcement - SBA 2023 Funding Opportunity</i>	Small Business Administration	\$ 1,994,745
<i>Koger Center</i>					
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		<i>Magradey, Karen</i>	<i>Koger Center for the Arts 22-23 Season</i>	SC Research Foundation (SCRF)/City of Columbia	\$ 25,000
<i>Research, Vice President for</i>					
	<i>Office Research - General</i>				
		<i>Clark, Lauren</i>	<i>Morris College - University of South Carolina Research Mentoring Program</i>	Morris College/DOE	\$ 50,000
<i>School of Medicine</i>					
	<i>Basic Science Research</i>				
		<i>Spinale, Francis</i>	<i>IPA Extension-Traci Jones</i>	WJB Dorn VA Medical Center/VA	\$ 77,300
	<i>Cell Biology & Anatomy</i>				
		<i>Stegmann, Kyle</i>	<i>American Physician Scientist Association Local Chapter Grant</i>	American Physician Scientist Association (APSA)	\$ 400
	<i>Internal Medicine</i>				

		<i>Al-hasan, Majdi</i>	<i>Housing Opportunities for Persons With AIDS for Newberry County</i>	SC Department of Health and Environmental Control (SCDHEC)/HUD	\$ 31,070
		<i>Yates-Wilson, Beverly</i>	<i>Renovation of FoodShare SC Distribution Hub and Training Center</i>	SC Research Foundation (SCRF)/SC Department of Health & Human Services (SCDHHS)	\$ 200,000
	<i>Path, Microbio. & Immunology</i>				
		<i>Oskertizian, Carole</i>	<i>Novel modalities for prostate cancer screening: mast cells as predictors of disease, disease aggressiveness and marks of disease disparity</i>	National Cancer Institute (NCI)/NIH	\$ 383,117
<i>School of Medicine (Grvl)</i>					
	<i>Medicine Greenville</i>				
		<i>Chosed, Renee</i>	<i>The Role of Platelet-Activating Factor on Early Embryonic Development: Exploring Apoptotic Regulation</i>	Foundation for Embryonic Competence	\$ 30,102
		<i>Stevens, Margie</i>	<i>NACCHO Harm Reduction and Academic Detailing 2023</i>	National Association of City and County Health Officials (NACCHO)/CDC/HHS	\$ 60,000
<i>University of SC Aiken</i>					
	<i>AK Biology & Geology</i>				
		<i>Hancock, Charles Nathan</i>	<i>Supplement Request to NSF IOS-2149964</i>	Donald Danforth Center/NSF	\$ 62,967
		<i>Shervette, Virginia</i>	<i>Filling Caribbean Fish Life History Gaps</i>	University of the Virgin Islands/University of Miami/NOAA/DOC	\$ 25,882
<i>University of SC Lancaster</i>					
	<i>Lancaster</i>				
		<i>Taylor, Brittany</i>	<i>Collection Management and Preservation Efforts for Native American Collections at the University of South Carolina Lancaster</i>	Institute of Museum and Library Services (IMLS) - NPS	\$ 83,805
<i>University of SC Upstate</i>					
	<i>UPS Library</i>				
		<i>Keams, Andrew</i>	<i>Pilot OER Faculty Stipend Program</i>	Partnership Among South Carolina Libraries (PASCAL)/SC Commission on Higher Education	\$ 4,000