

University of South Carolina — May 2025 New Grant Awards Report

PI's College	PI's Department	PI Name	Award Title	Sponsoring Agency	Award Total
Academic Support Services					
	OFFICE OF SUSTAINABILITY				
		Cook, Larry	City of Columbia Youth Climate Action Fund	City of Columbia	\$ 5,000
Arnold School of Public Health					
	Applied Research & Evaluation (CARE)				
		Pope, Holly	School-Based Oral Health Atlas	Medical University of South Carolina (MUSC)/BCBS of SC Foundation	\$ 50,000
		Workman, Lauren	AccessHealth & Healthy People Healthy Carolinas Evaluation 2025	SC Hospital Association Foundation (SCHA)	\$ 30,000
	Center for Community Health Alignment				
		Smithwick, Julie	Building Capacity of STLT Organizations to Support and Sustain Community Health Worker Activities: CDC 24-0080 Category B Part I	Wisconsin Department of Health Services/CDC	\$ 20,000
			Building Capacity of STLT Organizations to Support and Sustain Community Health Worker Activities: CDC 24-0080 Category B Part II Supplement Proposal	Wisconsin Department of Health Services/CDC	\$ 20,000
	Communication Sci & Disorders				
		Hogan, Abigail	(PI: Karina Sheth) - A Longitudinal Study of the Auditory Startle Reflex in Autistic Children	Autism Science Foundation (ASF)	\$ 4,000
	Environmental Health Sciences				
		Sabo-Attwood, Tara	Inhalation of algae and toxins associated with harmful algal blooms and novel mechanisms of pulmonary toxicity and respiratory health	University of Florida/State of Florida Department of Health	\$ 140,712
	Epidemiology & Biostatistics				
		Liese, Angela	Disparities in cardiovascular health in young adults with type 1 diabetes (Subcontract to University of Colorado)	University of Colorado - Denver/NIH	\$ 331,883
	Health Services Policy & Mgmt				
		Anderson, David	Measuring Changes in Medicare Part D Plan Offerings and Enrollment	University of Colorado/PCMA Foundation	\$ 43,000
		Crouch, Elizabeth	MIECHV Coordinated Evaluation Proposal 2024-2026	Children's Trust of South Carolina/HRSA	\$ 359,928
	PASOS				
		Lubov, Mayra	PASOs Sisters of Charity – Breaking the Cycle 2025-2026	Sisters of Charity Foundation of South Carolina	\$ 25,000
College of Education					
	Child Development Res. Center				

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		Googe, Heather	Transitions Through Partnerships with Families and Collaboration Across the Early Childhood Mixed Delivery System (PDG 0-5 Continuation Grant)	SC Department of Social Services (DSS)	\$ 90,000
	Education - Dean's Office				
		Grant, LaKeytria	Incentive for Carolina Collaborative for Alternative Preparation (CarolinaCAP)	RTI International	\$ 60,000
	Educational & Developmental Science				
		Dawes, Molly	Bridging Theory and Practice: Assessing Teachers Readiness to Enact the Science of Learning and Development to Support Whole Child Development (Fellowship)	American Psychological Foundation (APF)	\$ 23,649
	Research, Eval., & Measurement				
		D'Amico, Leigh	SC First Steps Kindergarten Transition Academy	SC First Steps	\$ 75,000
College of Nursing					
	Biobehavioral Health & Nursing Science				
		Mulkey, Malissa	Evaluating the Longitudinal Effects of Frequent Neurological Assessments on Sleep and Delirium in Critically Ill Patients with Acute Brain Injury	Agnes Marshall Walker Foundation (AMWF)	\$ 5,000
College of Pharmacy					
	Drug Discovery & Biomed Sci.				
		Kiaris, Hippokratis	Enhancing the utility of deer mice as a model for infectious diseases	National Institute of Allergy and Infectious Diseases (NIAID)/NIH	\$ 2,496,753
Darla Moore School of Business					
	Moore Sch - Div. of Research				
		Savage, Jeffrey	Hanford Roadmap USDOE-EM Award #277994	Battelle Savannah River Alliance, LLC (BSRA)/DOE	\$ 32,174
		Von Nessen, Joseph	SC Chamber of Commerce: 2025 Analysis	SC Chamber of Commerce	\$ 5,000
McCausland College of Arts and Sciences					
	Criminology & Criminal Justice				
		Mourtgos, Scott	Assessing the Causal Impact of Deceptive Interrogation Bans on Juvenile Case Outcomes: A Multi-State Analysis	Arnold Ventures - Laura & John Arnold Foundation	\$ 30,653
		Regoecki, Wendy	The Effects of Drones on Crime Clearance	Arnold Ventures, LLC.	\$ 79,302
	Geography				
		Wang, Sicheng	Spatial and Social Disparities in Subjective and Objective Transportation Accessibility to Healthcare Services and Their Relationship to Long-Term COVID Effects	University of Michigan/NIH	\$ 30,000
	History				
		Waheed, Sarah	The Muslim South, 1950-Present: Oral History and Archival Repository Project	SC Humanities/NEH	\$ 7,500
	Psychology				
		Parrish, Lori	Pee Dee School-based Behavioral Health Pilot	CaroNova, Inc.	\$ 17,329

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	Sociology				
		Zhao, Jun	Georgia Family Connection Partnership	Georgia State University Research Foundation (GSURF), Inc./Georgia Family Connection Partnership	\$ 9,500
	Theatre and Dance				
		Duffy, Peter	Rooster Tales Summer Camp	SC Arts Commission	\$ 22,500
Molinaroli College of Engineering & Computing					
	Chemical Engineering				
		Mustain, William	Electrochemical Decarbonization of Limestone	Battelle Savannah River Alliance (BSRA)/SNRL/DOE	\$ 60,000
		Sadati, Monirosadat	Engineering Sustainable Structural Batteries for Greener Aviation	College of Charleston/SC Space Grant Consortium/NASA	\$ 23,500
		Taheri-Qazvini, Nader	3D-Printable High Solid Formulations for Integrated Radiation Protection in Space Habitats	College of Charleston/SC Space Grant Consortium/NASA	\$ 23,500
		White, Ralph	Investigation of electrochemical performance for Structural Batteries with Ultrasonic Coating	College of Charleston/SC Space Grant Consortium/NASA	\$ 32,000
	Computer Science & Engineering				
		Jamshidi, Pooyan	Modular Performance Modeling and Analysis for Multi-Component Distributed ML Systems	Carnegie Mellon University/NSF	\$ 100,620
	Electrical Engineering				
		Ginn, Herbert	Modular Multi-terminal Multi-port MVDC Converter for Remote Microgrid Connectivity (M4DC)	Alliance for Sustainable Energy, LLC/NREL/DOE	\$ 222,000
	Mechanical Engineering				
		Huang, Xinyu	Ring Tensile Test and Axial Tensile Test at USC	Westinghouse Electric Company LLC	\$ 92,355
		Schorne Pinto, Juliano	Specific Heat and Phase Transition DSC Measurements of U-UCI3 and UCI3-UCI4	Battelle Energy Alliance, LLC (BEA)/DOE	\$ 199,486
		Widawsky, Joshua	Paris Air Show	SC Department of Commerce	\$ 3,100
		Yuan, Lang	Metal Casting Process Simulation for Macrosegregation and Microsegregation Prediction in Large Castings	UT-Battelle, LLC/ORNL/DOE	\$ 35,000
School of Medicine					
	Internal Medicine				

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		Al-hasan, Majdi	Ryan White Part B Funding Competitive Cycle 2025	SC Department of Public Health (SCDPH)/HRSA	\$ 1,166,124
			Ryan White Part B Funding (Rebate, NHAS, MAI, EC)	SC Department of Public Health (SCDPH)	\$ 18,075,170
	Neuropsychiatry				
		Narasimhan, Meera	ICARE: Innovative Technology to Deliver Comprehensive, Affordable, Healthcare and Research	Prisma Health - Midlands/SCCRPH/SCDHHS	\$ 135,660
	Pediatrics				
		Melville, John	SCCAMRS Administrative Contract - 07/01/2024 - 06/30/2027 - Year 1	SC Department of Health and Human Services (SC DHHS)	\$ 984,480
School of Medicine (Grvl)					
	Medicine Greenville				
		Trilk, Jennifer	Facilitating Health System Implementation of Physical Activity Screening and Referral to Community-Based Programs: Exercise is Medicine Greenville	National Heart, Lung, and Blood Institute (NHLBI)/NIH	\$ 3,235,390
University of SC Aiken					
	AK Operating				
		Enter, Brian	AMC Service and operating contract- 0000759805	Battelle Savannah River Alliance, LLC (BSRA)/DOE	\$ 2,500,000
University of SC Beaufort					
	BFT Natural Sciences				
		Montie, Eric	Analyzing Historical Datasets to Understand the Impacts of Dredging and Commercial Vessel Noise on Bottlenose Dolphins (Tursiops erebennus) and Their Prey in Charleston Harbor, South Carolina	South Carolina Aquarium (SCA)/Samuel Freeman Charitable Trust & Oliver S. and Jennie R. Charitable Trust	\$ 40,000
	BFT Social Sciences				
		Sawyer, Caroline	Voices of St. Helena Island Schools	SC Humanities/NEH	\$ 2,500
University of SC Lancaster					
	LAN PALMETTO COLLEGE				
		Criswell, Stephen	Navigating Indigenous Identity in South Carolina: A Cultural Documentation Project and Exhibit	SC Humanities/NEH	\$ 10,000
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