

## University of South Carolina — December 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			
			Osprey Initiative, LLC Litter Gitter Agreement	Osprey Initiative, LLC	\$ 2,500.00
Arnold School of Public Health					
	Communication Sci & Disorders				
		Arjmandi, Meisam			
			Analysis of Speech Perception Errors for Personalized Cochlear Implant Programming and Improved Speech Recognition	American Speech-Language-Hearing (ASH) Foundation	\$ 50,000.00
	Environmental Health Sciences				
		Baalousha, Mohammed			
			Spatial Variability and Physicochemical Characterization of Wildland-Urban Interface Ash and Indoor Dust from Los Angeles Fires	Rutgers University/Chemical Safety Research Institute (CIRI) of Underwriters Laboratories Inc. (d/b/a UL Research Institutes)	\$ 45,000.00
	Epidemiology & Biostatistics				
		Perumal, Nandita			
			Vulnerable Newborn Pooled Analysis (Subcontract to John Hopkins University)	John Hopkins University/Gates Foundation	\$ 5,000.00
	Exercise Science				
		Fairman, Ciaran			
			Exercise Medicine in Cancer Research	Prisma Health-Midlands	\$ 56,411.00
College of Education					
	Teacher Education				
		Sharp, Jessica			
			Infant/Toddler Quality Improvement Initiative: South Carolina Program for Infant/Toddler Care (SCPITC) 2025-2026	SC Department of Social Services (DSS)	\$ 3,060,153.00
Darla Moore School of Business					
	Moore Sch - Economics				
		Von Nessen, Joseph			
			SCRA: Economic Impact Analysis - FY25	SC Research Authority (SCRA)	\$ 20,000.00
	Moore Sch - Dean's Office				
		Magelssen, Catherine			
			Legal and Economic Ownership of Intellectual Property within Multiunit Firms	Strategic Management Society	\$ 25,000.00
Division of Student Affairs					
	Substance Abuse and Prevention				
		Hourigan, Aimee			
			Great Plays 2026	International Town Gown Association (ITGA)	\$ 14,992.00
McCausland College of Arts and Sciences					
	Colorectal Cancer Prevention Network				
		Thibault, Annie			
			SOUTH CAROLINA HEALTHCARE IMPROVEMENT TRANSFORMATION (SC-HIT)	Centers for Disease Control and Prevention (CDC)/HHS	\$ 677,737.00
	History				

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		Wilder, Colin			
			Civics and Humanities Program at the University of South Carolina	Institute for Humane Studies (IHS) at George Mason University	\$ 40,000.00
	Physics & Astronomy				
		Bi, Wenli			
			CAREER: TUNING QUANTUM STATES OF MAGNETIC TOPOLOGICAL SYSTEMS WITH PRESSURE	National Science Foundation (NSF)	\$ 152,832.00
		Petrov, Alexey			
			Frontiers in Particle Physics and Cosmology: Annual School and Workshop	The Heising-Simons Foundation	\$ 60,000.00
	Psychology				
		Wippold, Guillermo			
			Building Resilience through Innovative Interventions to promote Growth & Health after Trauma	Medical University of South Carolina (MUSC)/NIH	\$ 1,117,500.00
	School of Visual Art Design				
		Kwon, Hyunji			
			The Role of a Visual Arts and Creative Writing Summer Program in Developing the Social and Emotional Characters of Urban Youth: A Mixed Methods Research Study	National Endowment for the Arts (NEA)	\$ 80,000.00
			The Role of a Visual Arts and Creative Writing Summer Program in Developing the Social and Emotional Characters of Urban Youth: A Mixed Methods Research Study - Third Party Match for U00037763	YMCA of Columbia	\$ 3,450.00
Molinaroli College of Engineering & Computing					
	Chemical Engineering				
		Lauterbach, Jochen			
			Fuel Cycle (FC) FIRE Collaborative	Battelle Savannah River Alliance (BSRA)/SNRL/DOE	\$ 1,280,000.00
	Electrical Engineering				
		Fang, Xin			
			Collaborative Research: CyberTraining: Pilot: PowerCyber: Computational Training for Power Engineering Researchers	National Science Foundation (NSF)	\$ 120,000.00
			Collaborative Research: CyberTraining: Pilot: PowerCyber: Computational Training for Power Engineering Researchers	NC State University/NSF	\$ 23,716.00
			Digital Twin Addressing Multi-Scale Operational Needs of IBR-rich Grids (DIAMOND)	Alliance for Sustainable Energy, LLC/NREL/DOE	\$ 200,000.00
	Eng. & Computing Dean's Office				
		Haj-Hariri, Hossein			
			Applied Quantum for Space and Energy Lab (AQSEL)	The South Carolina Quantum Association/State of South Carolina	\$ 3,244,656.00
School of Medicine					
	Basic Science Research				
		Spinale, Francis			
			Prevention of remodeling by image guided epicardial delivery of hydrogels to the heart (resubmission)	Yale University/NIH	\$ 214,063.00
	Path, Microbio. & Immunology				
		Enos, Reilly			
			Estrogen Receptor-Alpha Signaling in Skeletal Muscle as a Promising Avenue for Obesity Treatment in Both Sexes	Augusta University/NIH	\$ 20,000.00
University of SC Aiken					

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	AK Dept of English				
		Geyer, Andrew			
			Celebrating South Carolina Voices: The 2026 Literary Hall of Fame Induction	SC Humanities/SC Arts Commission	\$ 2,500.00
University of SC Beaufort					
	BFT Center for the Arts				
		Hargrove, Bonnie			
			SC Arts Commission General Operating Support Grant	SC Arts Commission	\$ 21,179.00
	BFT Nursing				
		Hutchison, Lynne			
			Lowcountry IMPACT: Increasing Nursing Workforce in Acute and Long-Term Care through Academic Practice Partnerships Serving Underserved and Rural Populations.	Health Resources & Services Administration (HRSA)/HHS	\$ 3,873,442.00
University of SC Lancaster					
	LAN PALMETTO COLLEGE				
		Ammons, Robert			
			Lancaster Promise Neighborhood	Lancaster County Partners for Youth/USDE	\$ 161,000.00
University of SC Union					
	UN PALMETTO COLLEGE				
		Edwards, Cheryl			
			Chester Healthcare Foundation 2025 Grant	USC Educational Foundation/Chester Healthcare Foundation	\$ 13,600.00