

University of South Carolina — March 2024 New Grant Awards Report

PI's College	PI's Department	PI Name	Award Title	Sponsoring Agency	Award Total
Arnold School of Public Health					
	Environmental Health Sciences				
		Jilling, Andrea	Sustainable agricultural intensification and enhancement through the utilization of regenerative agricultural management practices	Oklahoma State University/USDA	250,519
		Norman, Robert	Disease Modeling and Analytics to inform Outbreak Preparedness, Response, Intervention, Mitigation, and Elimination in South Carolina (DMA-PRIME)	Clemson University/CDC	998,985
	Health Prom., Educ. & Behavior				
		Kim, Minji	Getting Asian Americans INFORMED to Facilitate COVID-19 Testing and Vaccination	University of California, San Francisco/NIDA/NIH	6,000
	Health Services Policy & Mgmt				
		Crouch, Elizabeth	Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health: Development and implementation of a culturally sensitive, comprehensive, sexual health approach to reducing STIs and HIV for rural	National Foundation for the Centers for Disease Control and Prevention, Inc./CDC/HHS	189,305
	PASOS				
		Martin, Maria	DHEC WIC and PASOs Contract for Service	SC Department of Health & Environmental Control (DHEC)	1,300,981
			DHEC-MCHB and PASOs Partnership	SC Department of Health & Environmental Control (DHEC)	600,000
		Roth, Leslie	PASOs Connections for Child Development and First Steps	SC First Steps/SCDSS	204,963
College of Arts and Sciences					
	Baruch Institute				
		Smith, Erik	Adapting salt marsh vulnerability assessment methodologies to southeastern salt marshes	SC DNR/University of Michigan/NOAA	65,101
			NERR Capacity Building : ACE Basin	SC Department of Natural Resources (SCDNR)/NOAA/DOC	118,366
	Geography				
		Wang, Cuizhen (Susan)	Mapping Oyster Reef Habitat to Support Resilience Planning and Wild Oyster Harvest in South Carolina	CORE SC at College of Charleston	49,902
	Psychology				
		Banerjee, Meeta	Addressing Social Determinants of Health and Community Violence through a Hospital-Based Violence Intervention Program	PRISMA Health-Midlands/DOJ	305,379
	School of Earth, Ocean & Env.				
		Ziolkowski, Lori	Resource for Assistance and Community Training - Region 4 (REACT4EJ)	RTI International/EPA	20,820

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College of Education	Teacher Education				
		Vogler, Kenneth	America: A Story That Must Not Be Forgotten	US Department of Education (USDE)	2,320,441
College of Engineering & Comp.	Chemical Engineering				
		Jalilvand, Golareh	High Capacity and Longevity Li-S Batteries	NantG Power, LLC	800,000
		Shimpalee, Sirivatch	Electrochemical Sensor Development for Long-Term In-Situ Monitoring of Chlorinated Organics in Groundwater at the Savannah River Site	University of Las Vegas/BSRA LLC/DOE	86,884
	Civil & Environmental Eng.				
		Imran, Jasim	RII Track 2 FEC: PROTECT: Partnership for Resilience, Opportunities, Technology, Education, and Community Transformation (Planning Grant)	SC EPSCOR	7,000
	Computer Science & Engineering				
		Mohammadizand, Ramti	CAREER: Heterogeneous Neuromorphic and Edge Computing Systems for Realtime Machine Learning Technologies	National Science Foundation (NSF)	593,156
	Electrical Engineering				
		Chandrashekhar, MVS	NASA SBIR Phase 1: Optimal Radiation Tolerant High Intensity High Temperature Photovoltaics	Structured Materials Industries/NASA	35,750
	Mechanical Engineering				
		Banerjee, Sourav	HiCam: P1.TPC.NDE	National Aeronautics & Space Administration (NASA)	385,547
			Feasibility Study on Thickness Measurement on Wet Coating During Curing -- Fraunhofer Project -- Commerce Funding	SC Department of Commerce	61,500
		Barazanchy, Darun	Application to fund JEC World attendance	SC Department of Commerce (SC DOC)	5,000
		Won, Sang Hee	High Speed Laser Diagnostics for Multiphase Turbulent Combustion of Enabling Fuels for Naval Decarbonization	Office of Naval Research (ONR)/DOD	745,957
College of Information & Comm.	School of Information Sciences				
		Copeland, Clayton	A Resource Guide for Equitable Access to Information for Blind, Visually-Impaired, and Print Disabled Students	American Library Association	5,000
College of Social Work	Social Work - Dean's Office				
		Browne, Teri	Health System Outreach to Eliminate Disparities in Living Kidney Transplants	Wake Forest University/NIDDK/NIH	18,598
Darla Moore School of Business	Moore Sch - Div. of Research				

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		<i>Savage, Jeffrey</i>	<i>EM Enterprise System Planning: University of South Carolina – Darla Moore School of Business</i>	<i>Battelle Savannah River Alliance, LLC (BSRA)/DOE</i>	62,500
		<i>Von Nessen, Joseph</i>	<i>Santee Cooper: Camp Hall Economic Impact Analysis</i>	<i>Santee Cooper</i>	88,550
Hosp., Retail, & Sport Mgmt					
	Hotel, Restaurant & Tour Mgmt				
		<i>Pennington-Gray, Lori</i>	<i>Value and Benefit for Expanding Conservation Land Acquisition in SC: Historical, Site Specific and Aggregate benefits to the State of South Carolina</i>	<i>Coastal Carolina University (CCU)/SC Office of Resilience (SCOR)</i>	30,000
	HRSM - Dean's Office				
		<i>Oh, Haemoon</i>	<i>Improving Social Mobility for Effective Workforce Development in the Lodging Industry</i>	<i>American Hotel and Lodging Association (AHLA) Foundation</i>	48,299
School of Law					
	Law - Dean's Office				
		<i>Raj, Claire</i>	<i>Intergovernmental Personnel Assignment Agreement</i>	<i>Ford Foundation</i>	144,000
School of Medicine					
	MDC Ctr Disability Resources				
		<i>Rotholz, David</i>	<i>2024 Assistive Technology Expo</i>	<i>SC Developmental Disabilities Council (SCDDC)/HHS</i>	10,000