

University of South Carolina — February 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>Epidemiology & Biostatistics</i>				
		<i>Moran, Robert</i>	<i>International -GRADUATE STUDENT WORK EXPERIENCE AGREEMENT BETWEEN UNIVERSITY of SOUTH CAROLINA AND BLUECROSS BLUESHIELD of SOUTH CAROLINA</i>	Blue Cross and Blue Shield of South Carolina	\$ 9,624
	<i>Health Services Policy & Mgmt</i>				
		<i>Hair, Nicole</i>	<i>COVID-19 Health Disparities and the Economic Security of Families with Children</i>	University of Wisconsin-Madison/SSA	\$ 83,501
		<i>Hung, Peiyin</i>	<i>Addressing Rural Cancer Disparities via Proactive Smoking Cessation Treatment within Primary Care: A Hybrid Type 1 Effectiveness-Implementation Trial of a Scalable Smoking Cessation Electronic Visit</i>	Medical University of South Carolina (MUSC)/NCI/NIH	\$ 203,986
		<i>Natafji, Nabil</i>	<i>Broadband Equity, Access, and Deployment (BEAD) Program</i>	SC Broadband Office (SCBBO)	\$ 125,000
College of Arts and Sciences					
	<i>Archaeology & Anthropology</i>				
		<i>King, Adam</i>	<i>Spanish Mount Archaeological Artifact Processing</i>	SC Department of Natural Resources (SCDNR)	\$ 5,804
	<i>Biological Sciences</i>				
		<i>Senner, Nathan</i>	<i>Revealing Unknown Links in the Life Cycle of Shorebirds</i>	Universidad Austral de Chile/U.S. Fish and Wildlife Service/DOI	\$ 39,490
	<i>Geography</i>				
		<i>Cutter, Susan</i>	<i>Strengthening Charitable Food Systems Capability</i>	Virginia Polytechnic Institute and State University (Virginia Tech)/Feeding America	\$ 51,400
	<i>Mathematics</i>				
		<i>Tan, Changhui</i>	<i>CAREER: Nonlocal partial differential equations in collective dynamics and fluid flow</i>	National Science Foundation (NSF)	\$ 404,193
	<i>Psychology</i>				
		<i>Becker, Kimberly</i>	<i>Addressing Conceptual and Pragmatic Challenges to Measuring Use of Research Evidence In Children's Mental Healthcare by Leveraging Clinical Documentation</i>	William T. Grant Foundation	\$ 50,000
		<i>Serang, Sarfaraz</i>	<i>Longitudinal Impacts of Pandemic-Induced Disruptions on Adolescent Siblings' and Parents' Alcohol Use: A Family Life Course Perspective</i>	Utah State University/NIAAA/NIH	\$ 61,755
	<i>Theatre and Dance</i>				
		<i>Whitehead, Dustin</i>	<i>The South Carolina Film Training Partnership (GOS - Get on Set)</i>	SC Film Commission - SC Department of Parks Recreation and Tourism	\$ 150,000
College of Education					
	<i>Education - Dean's Office</i>				
		<i>Berry, Barnett</i>	<i>Redefining Professional Learning and Leadership for Deeper, Student-Led Learning and Career and College-Readiness in South Carolina</i>	Edu21C Foundation (What School Could Be)	\$ 50,000

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	<i>Educational Studies</i>				
		<i>Ohr, Jonathan</i>	<i>Providing Resources to Increase School Mental Health Supports</i>	US Department of Education (USDE)	\$ 5,003,361
College of Engineering & Comp.					
	<i>Chemical Engineering</i>				
		<i>Mustain, William</i>	<i>Baseline Performance of Commercial AEM Materials</i>	Plug Power Inc.	\$ 100,000
		<i>Ritter, James</i>	<i>Evaluation of Adsorbents for Hydrocarbon Adsorption</i>	ColdStream Energy, LLC	\$ 175,000
		<i>Shimpalee, Sirivatch</i>	<i>FC MEA Single Cell Characterization, Sensitivity, and Durability Tests</i>	Hyzon Motors USA Inc.	\$ 50,000
	<i>Civil & Environmental Eng.</i>				
		<i>Ziehl, Paul</i>	<i>HiCam P1.TCP.GEN.01</i>	National Aeronautics & Space Administration (NASA)	\$ 433,649
			<i>Tooling and Process to fold Carbon Fiber/PPS Panels</i>	Collins Aerospace	\$ 70,943
	<i>Mechanical Engineering</i>				
		<i>Harik, Ramy</i>	<i>HiCAM P1.RIF.DFM.01</i>	National Aeronautics & Space Administration (NASA)	\$ 26,640
College of Information & Comm.					
	<i>Journalism & Mass Comm.</i>				
		<i>Wu, Jungmi</i>	<i>Cancer Communication Ecologies of Asian Americans in the United States</i>	Association for Education in Journalism and Mass Communication (AEJMC)	\$ 5,000
College of Nursing					
	<i>Nursing</i>				
		<i>Custer, Sabra</i>	<i>Interprofessional Education in Infection Prevention: Establishing the South Carolina Regional Infection Prevention Training (SCRIPT) Center</i>	Prisma Health/CDC	\$ 16,676
College of Pharmacy					
	<i>Drug Discovery & Biomed Sci.</i>				
		<i>Buckhaults, Phillip</i>	<i>Inhibiting tumor growth and metastasis in highly aggressive breast cancers with centrosome amplification</i>	Medical University of South Carolina (MUSC)/NCI/NIH	\$ 92,728
	<i>Pharm - Clin Pharm & Outcomes Sciences</i>				
		<i>Blake, Betsy</i>	<i>Model State-Supported AHEC Program</i>	Medical University of South Carolina (MUSC)	\$ 46,655
		<i>Hastings, Tessa</i>	<i>Addressing COVID-19 Vaccine Hesitancy in Rural Community Pharmacies: Reducing Disparities Through an Implementation Science Approach</i>	UNC Chapel Hill/NIMHD/NIH	\$ 115,369
Darla Moore School of Business					
	<i>Moore Sch - Div. of Research</i>				

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		Von Nessen, Joseph	SC Housing Finance and Development Authority: FY22-FY26 Economic Impact Analysis	SC Housing Finance and Development Authority	\$ 478,750
<i>School of Medicine</i>					
	Basic Science Research				
		McCarthy, Cameron	Shih-Chun Wang Young Investigator Award	American Physiological Society	\$ 10,000
	MDC Ctr Disability Resources				
		Rotholz, David	SC Assistive Technology Expanding the Public Health Workforce	Administration on Community Living/HHS	\$ 80,000
			South Carolina Assistive Technology Program	Administration for Community Living/HHS	\$ 124,017
<i>Pharm., Physiology & Neuroscience</i>					
		Frizzell, Norma	Developing Tools to Understand an Alternative Fate of Urate in Neurodegenerative Diseases	National Institute of Neurological Disorders and Stroke (NINDS)/NIH	\$ 149,000
		Pocivavsek, Ana	Aging, sleep, and kynurenic acid	National Institute on Aging (NIA)/NIH	\$ 409,750
<i>School of Medicine (Grvl)</i>					
	Medicine Greenville				
		O'Rourke, Mark	Sleep Hygiene Education, ReadIWatch actigraphy, and telehealth cognitive behavioral training for insomnia Effect, on Symptom Relief for Men with Prostate Cancer Receiving Androgen Deprivation Therapy	University of Kansas Medical Center, Research Institute, Inc./Oncology Nursing Foundation	\$ 5,812
<i>University 101</i>					
	U101 and National Resource Ctr.				
		Keup, Jennifer	Guided Pathways as a Framework for Institutional Transformation and Five 'Capacity Areas'	NASPA-Student Affairs Administrators in Higher Education (NASPA)/BMGF	\$ 75,000
			National Advising Success Network_Investment Grant: Continuation Funding	NASPA-Student Affairs Administrators in Higher Education (NASPA)/BMGF	\$ 280,878
<i>University of SC Salkehatchie</i>					
	SA PALMETTO COLLEGE				
		Burns, Francis	Forensic Lab Equipment for Salkehatchie	Western Carolina Higher Education Commission (WCHEC)/USDA	\$ 49,800
<i>University of SC Upstate</i>					
	UPS Science & Eng				
		Ruppel, Joshua	Power:Ed - ER(Up)T Expansion	Power:Ed	\$ 50,000