University of South Carolina — November 2021 New Grant Awards Report

PI's College	PI's Department	PI Name	Award Title	Sponsoring Agency	Award Total
Athletics					
	Athletics General Fund				
		Lusk, Tyson	Primary Prevention Strategies for South Carolina Colleges and Universities	SC Department of Alcohol and Other Drug Abuse Services (DAODAS)/SAMHSA/HHS	$ 75,000
College of Arts and Sciences					
	Anthropology				
		Stawkowski, Magdalena	Hunt Postdoctoral Fellowship: Mutant Encounters: Radioactive Life on the Semipalatinsk Nuclear Test Site in Kazakhstan	Wenner-Gren Foundation	$ 40,000
	Archaeology & Anthropology				
		King, Adam	Archaeological Survey and Testing at Spanish Mount Site (38CH62)	SC Department of Natural Resources (SCDNR)	$ 11,000
	Biological Sciences				
		Dudycha, Jeffry	Resource development for the Daphnia dentifera - Metschnikowia bicuspidata host-symbiont system.	Gordon and Betty Moore Foundation	$ 453,739
	Criminology & Criminal Justice				
		Metcalfe, Christi	Court Decision-Making in Domestic Violence Cases: An Analysis of the Case Processing Pipeline in South Carolina	National Institute of Justice/DOJ	$ 357,234
	Statistics				
		Tebbs, Joshua	Group testing for infectious disease detection	University of Nebraska/NIH	$ 370,720
College of Education					
	Child Development Res. Center				
		Googe, Heather	Building a Statewide System for Inclusion 2021-22	SC Department of Social Services(DSS)/HHS	$ 1,131,233
	Educational Studies				
		Irvin, Matthew	South Carolina Institute for Measurement Methods in Rural STEM Education (SC-IMMERSE)	National Science Foundation (NSF)	$ 954,469
	Research, Eval., & Measurement				
		Lewis, Ashlee	SC Arts Grow 2021-2022	SC Arts Commission/SCDE/USDE	$ 175,000
College of Engineering & Comp.					
	Civil & Environmental Eng.				
		Chaudhry, M.	The Use of Biopolymers to Strengthen Earthen Infrastructure	US Army Engineer Research and Development Center/Department of the Army/DOD	$ 4,000,000
	Computer Science & Engineering				
		Tong, Yan	Subcontract: Modernizing South Carolina Manufacturing Assets to Enable Industry 4.0	Clemson University/SCRA	$ 234,957
	Electrical Engineering				

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		Santi, Enrico	Fuel Cell System Modeling for Electrical Helicopter SBIR	Piasecki Aircraft Corporation/DOD	$ 40,000
	Mechanical Engineering				
		Knight, Travis	Internal Wireless Sensors for Dry Cask Storage	Office of Nuclear Energy/DOE	$ 800,000
		Sockalingam, Subramani	Fundamental Studies of Process-Material Interactions in Advanced Adhesion-Driven Manufacturing with Automated Placement of Uncured Thermoset Tows as Model Process	National Science Foundation (NSF)	$ 651,725
		Wang, Yi	RELIABLE PERCEPTION FOR UNMANNED MARITIME SYSTEMS	Office of Naval Research (ONR)/DOD	$ 4,750,000
College of Information & Comm.					
	Journalism & Mass Comm.				
		Chen, Yingying	The platformization of organizational (counter-)discriminatory speech on Facebook and Twitter during the pandemic	Social Science Research Council	$ 2,500
College of Social Work					
	Families in Society, Institute				
		Shapiro, Cheri	SC First Steps Child Care Technical Assistance External Evaluation	SC First Steps to School Readiness	$ 75,000
Darla Moore School of Business					
	Moore Sch - Div. of Research				
		Von Nessen, Joseph	SC Department of Veterans' Affairs: Economic Impact of the Military on SC	SC Department of Veterans' Affairs (SCDVA)	$ 65,000
			Southern Carolina Regional Alliance	Southern Carolina Regional Development Alliance	$ 38,025
			South Carolina State Workforce Development Board (SWDB)	SC Department of Employment and Workforce (SCDEW) obo/ SC State Workforce Development Board	$ 104,250
Division of Student Affairs					
	Substance Abuse and Prevention				
		Hourigan, Aimee	College Prevention Funding	SC Department of Alcohol and Other Drug Abuse Services (DAODAS)/SAMHSA/HHS	$ 150,000
Hosp., Retail, & Sport Mgmt					
	Hotel, Restaurant & Tour Mgmt				
		DiPietro, Robin	Advancing Environmental Sustainability Knowledge and Skills of the FANH Sciences Workforce in Hospitality and Retail Industries	Kansas State University/NIFA/USDA	$ 150,000
Koger Center					
	Koger Center				
		Magradey, Karen	South Arts Presentation Grant-Ed Fuqua Quartet	South Arts, Inc.	$ 1,446
Law Enforcement & Safety					

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	Law Enforc. & Safety				
		Birnie, Stephen	USC DLES COVID-19 2022 Aid	SC Department of Public Safety (DPS)/DOJ	$ 6,150
Office of the Provost					
	Provost				
		Swartz Hilton, M.A., Kathe	McNair Institute for Entrepreneurism and Free Enterprise StartupWind Pilot Project	South Carolina Department of Commerce	$ 60,000
School of Law					
	Law - Dean's Office				
		Welton, Shelley	As Goes the South: Community and Worker Solutions for a Just Transition in South Carolina and Tennessee	Alfred P. Sloan Foundation	$ 499,438
School of Medicine					
	Cell Biology & Anatomy				
		Azhar, Mohamad	Drug discovery for calcific aortic valve disease	KOR Life Science	$ 110,000
		Cui, Taixing	Metabolic control of vascular smooth muscle cell plasticity	National Heart, Lung, and Blood Institute (NHLBI)/NIH	$ 2,094,712
	Pediatrics				
		Rotholz, David	South Carolina Assistive Technology Program	Administration for Community Living/HHS	$ 100,332
University of SC Aiken					
	AK Psychology				
		Rogers, Mary M.	Substance Use Prevention in Rural County University	SC Department of Alcohol and Other Drug Abuse Services (DAODAS)/SAMHSA/HHS	$ 149,550
University of SC Lancaster					
	Lancaster				
		Criswell, Stephen	Catawba Traditional Arts Photo-Documentation Project	SC Arts Commission	$ 6,000