

# University of South Carolina — February 2022 New Grant Awards Report

PI's College	PI's Department	PI Name	Award Title	Sponsoring Agency	Award Total
<b>Arnold School of Public Health</b>					
	<i>Applied Research &amp; Evaluation (CARE)</i>				
		Workman, Lauren	MIECHV Coordinated State Evaluation FY 2021 (2021-2023)	Children's Trust of South Carolina/HRSA	\$ 151,579
	<i>Center for Community Health Alignment</i>				
		Young, Michael	MIECHV Children's Trust PASOs 2021-2022	Children's Trust OF South Carolina/HRSA	\$ 100,000
	<i>Health Services Policy &amp; Mgmt</i>				
		Andrews, Christina	Alcohol treatment in Medicaid managed care plans: Disparities in policies and outcomes Subcontract	Brandeis University/NIAAA/NIH	\$ 23,473
		Crouch, Elizabeth	FY 2021 MIECHV Coordinated Evaluation Project	Children's Trust of South Carolina/HRSA	\$ 321,191
<b>College of Arts and Sciences</b>					
	<i>Baruch Institute</i>				
		Strosnider, William	Guiding successful applications of floating treatment wetlands in brackish coastal ponds	NOAA via SC Sea Grant	\$ 135,802
	<i>Biological Sciences</i>				
		Dallas, Tad	MSA: Understanding spatial patterns of abundance and occupancy in terms of taxa, traits, and space	National Science Foundation (NSF)	\$ 274,542
		Kathrein, Katie	Ing4-deficiency enhances the regenerative capacity of multipotent progenitor cells	National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)/NIH	\$ 212,422
	<i>School of Earth, Ocean &amp; Env.</i>				
		Bourbonnais, Annie	Collaborative Research: A Novel Carbon Nanotube Based Phosphate Sensor Using Potentiometric Principles for Oceanographic Use	National Science Foundation (NSF)	\$ 37,467
		Meyer-Gutbrod, Erin	Detecting vocalizations of endangered North Atlantic right whales along the winter migration corridor	USC Educational Foundation/Tides Foundation	\$ 124,947
		Voulgaris, George	Collaborative Research: Dynamics of Cross-Shelf Plumes under Upwelling Wind Conditions	National Science Foundation (NSF)	\$ 867,987
		Wilson, Alicia	Studying How Things Fall Apart: Exploring Municipal Services System Failures to Help Develop Science-Based Decision-Points in South Carolina Coastal Communities	SC Sea Grant Consortium/NOAA	\$ 158,346
<b>College of Education</b>					
	<i>Education - Dean's Office</i>				
		Berry, Barnett	Reimagining Education for Whole Adolescent Learning: Role of Teacher Leadership	Stuart Foundation	\$ 100,000
	<i>Instruction &amp; Teacher Educ.</i>				
		Cook, Daniella	TPS Civil Rights K-12 Professional Learning Conference	Eastern Regional Grant program - Waynesburg University/Library of Congress	\$ 24,605

## University of South Carolina — February 2022 New Grant Awards Report

PI's College	PI's Department	PI Name	Award Title	Sponsoring Agency	Award Total
<b>College of Engineering &amp; Comp.</b>					
	<i>Chemical Engineering</i>				
		Mustain, William	Effects of Slurry Design on the Corrosion of Engineered Zn Particles	Duracell	\$ 55,000
		Shimpalee, Sirivatch	Microstructure Model to Predict Lithium-Ion Battery Behavior	General Motors	\$ 244,524
	<i>Electrical Engineering</i>				
		Dougal, Roger	Training Future Navy Workforce II	Florida State University (FSU)/ONR	\$ 71,425
	<i>Mechanical Engineering</i>				
		De Backer, Wout	NASA - Induction Heating Evaluation for braided CF/TP Composites	NASA John H Glenn Research Center	\$ 38,718
		Shazly, Tarek	Mechanisms of drug-coated balloon therapy	Boston University/NHLBI/NIH	\$ 237,817
<b>College of Information &amp; Comm.</b>					
	<i>School of Information Sciences</i>				
		Colón-Aguirre, Monica	Identifying Opportunities for Retention of BIPOC Librarians Using Survival Analysis	University of Buffalo/IMLS	\$ 58,806
<b>College of Pharmacy</b>					
	<i>Drug Discovery &amp; Biomed Sci.</i>				
		Shtutman, Michael	RNA-SEQ LIBRARY PREPARATION AND ILLUMINA/RESEARCH for the Columbia VA	Department of Veterans Affairs	\$ 3,136
<b>College of Social Work</b>					
	<i>Families in Society, Institute</i>				
		Shapiro, Cheri	Raising Adolescents to be Tomorrow's Leaders	SC Research Foundation (SCRF)/BlueCross BlueShield Foundation of South Carolina	\$ 435,454
<b>Hosp., Retail, &amp; Sport Mgmt</b>					
	<i>Hotel, Restaurant &amp; Tour Mgmt</i>				
		Pennington-Gray, Lori	Tourism Crisis Management Plan for the island of Caye Caulker – Climate Resilient Plans for the Emerging Destination of Caye Caulker Village	Inter American Development Bank (IADB)	\$ 40,000
<b>School of Medicine</b>					
	<i>Cell Biology &amp; Anatomy</i>				
		Nair, Sharad	IPA Assignment Agreement for Sharad Nair	WJB Dorn VA Medical Center/VA	\$ 71,102
	<i>Path, Microbio. &amp; Immunology</i>				
		Nagarkatti, Prakash	BSRA Board Meeting	Battelle Savannah River Alliance/DoE	\$ 869
	<i>Pharm., Physiology &amp; Neuroscience</i>				
		Reagan, Lawrence	Personal services contract for Dr. Claudia Grillo	Department of Veterans Affairs	\$ 265,174

## University of South Carolina — February 2022 New Grant Awards Report

PI's College	PI's Department	PI Name	Award Title	Sponsoring Agency	Award Total
<i>School of Medicine (Grvl)</i>					
	<i>MDG OFFICE OF FACULTY AFFAIRS/</i>				
		<i>O'rouke, Mark</i>	<i>SWOG NCORP RESEARCH BASE</i>	Oregon Health & Science University/NCI/NIH	\$ 99,173
<i>University of SC Beaufort</i>					
	<i>BFT Natural Sciences</i>				
		<i>Montie, Eric</i>	<i>Bottlenose Dolphin Monitoring in the Port Royal Sound Area – Establishing a Flagship Program for the Port Royal Sound Foundation</i>	Port Royal Sound Foundation	\$ 37,500
<i>University of SC Upstate</i>					
	<i>UPS Science &amp; Eng</i>				
		<i>Webb, Ginny</i>	<i>CoVAC Mini Grant</i>	American College Health Association (ACHA)/CDC	\$ 3,000