

November 28, 2016

The Office of Research and Economic Development is pleased to announce awards received by UNC Charlotte Researchers in the month of October, 2016.

*Total amount awarded for the month of October was \$1,859,417*

*Fiscal Year To Date Total: \$22,112,552*

<b>Award Title</b>	<b>Amount</b>	<b>Investigators</b>	<b>PI Dept.</b>	<b>Sponsors</b>
<b>28th Annual Meeting of the International Society for Ceramics in Medicine</b>	\$10,000	<b>Principal Investigator (PI):</b> El-Ghannam, Ahmed	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> North Carolina Biotechnology Center (NCBC)
<b>Building Healthy Lifestyles from All Directions</b>	\$93,377	<b>Principal Investigator (PI):</b> Racine, Elizabeth	Public Health Sciences	<b>Sponsor:</b> Cabarrus Partnership for Children
<b>CAPER PD-1 Critical Infrastructure Resilience of the Distribution Grid</b>	\$12,500	<b>Principal Investigator (PI):</b> Chowdhury, Badrul <b>Co-PIs:</b> Nasipuri, Asis; Lim, Churlzu; Subramanian, Kalpathi	Electrical and Computer Engineering	<b>Sponsor:</b> Clemson University <b>Prime Sponsor:</b> Savannah River Nuclear Solutions
<b>City Walks: Discover Charlotte's Neighborhood Stories</b>	\$15,000	<b>Principal Investigator (PI):</b> Newsom, Mary	Urban Institute	<b>Sponsor:</b> John S and James L Knight Foundation
<b>Communication Bridge between Dispatch Controller and Fuel Cell Integrated Building System</b>	\$25,000	<b>Principal Investigator (PI):</b> Wang, Weimin	Engineering Technology and Construction Management	<b>Sponsor:</b> Battelle Pacific Northwest Laboratories <b>Prime Sponsor:</b> Department of Energy (DOE)
<b>Confidential</b>	\$502,492	<b>Principal Investigator (PI):</b> Daniels, John	Civil and Environmental Engineering	<b>Sponsor:</b> Confidential <b>Prime Sponsor:</b> Confidential
<b>Development of Life Cycle Cost Analysis (LCCA) for the Vessels in the Ferry Fleet and the Development of an Asset Management Plan for the Remaining Ferry Assets</b>	\$260,913	<b>Principal Investigator (PI):</b> Mayo, Glenda <b>Co-PIs:</b> Hildreth, John; Tymvios, Nicholas	Engineering Technology and Construction Management	<b>Sponsor:</b> North Carolina Department of Transportation (NCDOT) <b>Prime Sponsor:</b> Federal Highway Administration (FHWA)
<b>Field-Scale Testing of Hydrology of Water Balance Covers</b>	\$67,108	<b>Principal Investigator (PI):</b> Khire, Milind	Civil and Environmental Engineering	<b>Sponsor:</b> Waste Management, Inc.

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<b>First Phase of Development of a Low-Cost, Portable, and Rapid Nondestructive Inspection Tool for Wood Distribution Poles</b>	\$154,245	<b>Principal Investigator (PI):</b> Whelan, Matthew <b>Co-PI:</b> Young, David	Civil and Environmental Engineering	<b>Sponsor:</b> Duke Energy Corporation
<b>Graduate Student Fellowship at Carolinas Healthcare System - Braxton Noll</b>	\$76,000	<b>Principal Investigator (PI):</b> Richardson, Christine	Biological Sciences	<b>Sponsor:</b> Carolinas HealthCare System
<b>Integrating Linguistic, Ethnographic, and Genetic Information of Human Populations: Databases and Tools</b>	\$375,535	<b>Principal Investigator (PI):</b> Janies, Daniel <b>Co-PIs:</b> Wen, Jia; Shi, Xinghua	Bioinformatics and Genomics	<b>Sponsor:</b> American Museum of Natural History <b>Prime Sponsor:</b> Department of Defense (DOD) Defense Advanced Research Projects Agency (DARPA)
<b>Materials Characterization Laboratory Services - Master Agreement with Technicon Acoustics</b>	\$863	<b>Principal Investigator (PI):</b> Weaver, Katherine	Energy Production and Infrastructure Center	<b>Sponsor:</b> Technicon Acoustics, Inc.
<b>Materials Characterization Laboratory Services - Master Agreement with The Polymers Center of Excellence and Task Order #1</b>	\$450	<b>Principal Investigator (PI):</b> Weaver, Katherine	Energy Production and Infrastructure Center	<b>Sponsor:</b> Polymers Center of Excellence
<b>Operating FLEX engines on other than ULS fuel</b>	\$130,285	<b>Principal Investigator (PI):</b> Uddin, Mesbah <b>Co-PIs:</b> Tkacik, Peter; Bari, Saiful	Mechanical Engineering and Engineering Science	<b>Sponsor:</b> Electric Power Research Institute (EPRI)
<b>Political Thought in Times of Crisis, 1640-1660</b>	\$500	<b>Principal Investigator (PI):</b> Anderson, Amanda	History	<b>Sponsor:</b> Folger Shakespeare Library
<b>RTU Challenge Demonstration Project</b>	\$17,000	<b>Principal Investigator (PI):</b> Wang, Weimin	Engineering Technology and Construction Management	<b>Sponsor:</b> Department of Energy (DOE) Pacific Northwest National Laboratory (PNNL)
<b>Strengthening Survivor-Centered Services through Focused Training, Evaluation, and Partnership</b>	\$25,000	<b>Principal Investigator (PI):</b> Kulkarni, Shanti	School of Social Work	<b>Sponsor:</b> Charlotte Mecklenburg County

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<b>Technical Assistance to Teen Health Connection Pregnancy Prevention Project</b>	\$15,000	<b>Principal Investigator (PI):</b> Montanaro, Erika <b>Co-PI:</b> Kilmer, Ryan	Psychology	<b>Sponsor:</b> Teen Health Connection
<b>Telling Vital Stories: The City Journalist Workshops</b>	\$5,000	<b>Principal Investigator (PI):</b> Newsom, Mary	Urban Institute	<b>Sponsor:</b> The Center for the Living City <b>Prime Sponsor:</b> Ford Foundation
<b>Transition to a Western Diet and cardiometabolic risk: Biomarkers derived from the microbiome.</b>	\$73,149	<b>Principal Investigator (PI):</b> Fodor, Anthony <b>Co-PIs:</b> Winglee, Kathryn; Sha, Wei	Bioinformatics Research Center	<b>Sponsor:</b> University of North Carolina at Chapel Hill (UNC-CH) <b>Prime Sponsor:</b> National Institutes of Health (NIH)