



Center for Advanced Multimodal Mobility Solutions and Education

UTC Project Information – CAMMSE @ UNC Charlotte	
Project Title	Investigating the Impact of Different Attributes on Bicycling Mode Share as A Multimodal Connectivity Strategy in Large Cities: A Case Study in Houston
University	Texas Southern University
Principal Investigator	Mehdi Azimi, Yi Qi and Qun Zhao
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Funding Sources and Amount Provided (by each agency or organization)	The University of North Carolina at Charlotte: \$55,975 Texas Southern University: \$30,881
Total Project Cost	\$86,856
Agency ID or Contract Number	
Start and End Dates	10/01/2017 – 09/30/2019
Brief Description of Research Project	Public bicycle share systems have increased from operating in a few European cities to expanding in the United States at an increasing pace. The proposed project is to investigating the impact of different attributes on bicycling mode share. For this purpose, this research will first identify the potential attributes related to bike sharing demand and model bike share station activity. Then, a method for analyzing and investigating the important factors on bicycle mode share will be developed/employed. Also, the considerations that may make the bicycle share more equitable will be studied in order to engage underserved communities in bicycle share.



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<p><i>Describe Implementation of Research Outcomes (or why not implemented)</i></p> <p><i>Place Any Photos Here</i></p>	
<p><i>Impacts/Benefits of Implementation (actual, not anticipated)</i></p>	<p>Project has not begun yet, so no impacts have been realized.</p>
<p><i>Web Links</i></p> <ul style="list-style-type: none"> • <i>Reports</i> • <i>Project website</i> 	<p>https://cammse.uncc.edu/sites/cammse.uncc.edu/files/media/CAMMSE-UNCC-2018-UTC-Project-Information-15-Azimi.pdf</p>