

Grant Deliverables and Reporting Requirements for UTC Grants

UTC Project Information	
Project Title	Health Perception on the Adoption and Acceptance of Shared Mobility: From Now to Future
University	University of South Florida, Cornell University
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Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT : \$30,513 USF: 17,500
Total Project Cost	\$48,013
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	Start date: 10/01/2017 End date: 09/30/2018
Brief Description of Research Project	The study will focus on establishing the link between transportation choices, self-assessed health and BMI. It will identify measures of health perception, health self-assessment as ways of collecting information predicting travel behavior focused on shared mobility systems. It aims to explore the method of developing health perception and self-assessment metric in a setting of transportation decisions. The project's objective is to better understand how health perception and self-assessment affects the choice of using bike sharing systems and how it affects acceptance of SAV as well as to understand if the usage of bike sharing system leads to the favor of adoption of SAV. If the link between the self-assessed health, height, weight and/or BMI is determined to be significant, health variables may become standard in mode choice and travel behavior analysis in the future.

<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	<p>This research project leads to a published journal paper titled “A Statistical Analysis of Bikesharing Usage and its Potential as an Auto-trip Substitute” in Journal of Transport and Health. The PhD student who was supported on this project continued the work and wrote a dissertation focusing on addressing public health perception in shared mobility. The research outcomes have been presented in Transportation Research Board Annual Meeting.</p>
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	<p>This is the first study that take public health perception into sharing mobility study. It also performed deep investigation in mode shift thanks to emerging sharing transportation mode.</p>
<p>Web Links</p> <ul style="list-style-type: none"> • Reports • Project website 	<p>http://ctech.cce.cornell.edu/final-project-reports/</p>