

Grant Deliverables and Reporting Requirements for UTC Grants (November 2016)

**EXHIBIT F**

<b>UTC Project Information</b>	
Project Title	Acceptance and Adoption of Shared Autonomous Shuttles for Vulnerable Road Users: A Readiness Study
University	North Carolina Agricultural and Technical State University
Principal Investigator	Maranda McBride, PhD
PI Contact Information	Email: <a href="mailto:mcbride@ncat.edu">mcbride@ncat.edu</a> Phone: (336) 285-3359
Funding Source(s) and Amounts Provided (by each agency or organization)	University Transportation Center Program: \$5,500 Fulbright Scholars Program: \$16,000
Total Project Cost	\$21,500
Agency ID or Contract Number	UTC: 69A3551747125 Fulbright: N/A
Start and End Dates	February 1, 2023 – December 31, 2023
Brief Description of Research Project	This research project will investigate people’s trust in and willingness to utilize shared autonomous shuttles. Using a target population often classified as vulnerable road users (i.e., pedestrians), the study will investigate the incremental development of human trust in automated devices and, more specifically, will assess the impact trust has on the acceptance and adoption of shared autonomous shuttles (SASs). Interventions designed to increase trust or the likelihood of SAS acceptance and adoption will be developed. These interventions will entail exposure to a SAS through a set of pre-recorded videos of shuttle users. The videos will be recorded from a first-person perspective to simulate as closely as possible the exposure they would receive if they rode in an actual SAS. A disposition and trust measurement instrument will be administered to each participant prior to exposure to the intervention. A similar instrument will be administered after the intervention. The results of these pre- and post-intervention surveys will be assessed statistically to identify any pre-existing attitudes prior to exposure to the SAS and changes after exposure.
Describe Implementation of Research Outcomes (or why)	Forthcoming

Not implemented)  Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	Forthcoming
Web Links <ul style="list-style-type: none"><li>• Reports</li><li>• Project Website</li></ul>	Forthcoming



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