

Grant Deliverables and Reporting Requirements for UTC Grants

UTC Project Information	
Project Title	Exploring Social Connectivity and Transportation Needs of the Seniors through a Mobile Smartphone Application
University	The University of Texas at El Paso
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Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT: \$40,000 UTEP: \$22,778
Total Project Cost	\$62,778
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	Start date: 10/1/2018 End date: 3/31/2020
Brief Description of Research Project	Mobile smartphone applications may assist seniors in their mobility and connect them with the community. This project involves the development of a new version of the Urban Connector application to: (1) identify a metric of social connectivity from the mobility perspective from existing literature; (2) update the Urban Connector application to consider data privacy policies when automatically collecting mobility data; and (3) design a survey and an analysis framework to gather information on how seniors use the Urban Connector application for social connectivity from the mobility perspective.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	The outcomes of this project contribute to understanding and awareness of senior's transportation issues as they relate to social connectivity, and increase our understanding of how technology (i.e., mobile technology) can potentially be used to address mobility issues that hinder social connectivity in seniors while considering users' privacy.

Impacts/Benefits of Implementation (actual, not anticipated)	By combining the expertise of researchers in the fields of computer science, engineering, and the social and behavioral sciences, this project investigates the role mobile technologies (e.g., smartphone applications) can have to help seniors be more mobile and socially connected in their communities. The impact of the outcomes of this work increases the knowledge on the development of mobile technologies to support the mobility of seniors from the social connectivity perspective with privacy considerations.
Web Links <ul style="list-style-type: none">• Reports• Project website	https://ctech.cee.cornell.edu/final-project-reports/