



UTC Project Information	
Project Title	Supporting People with Vision Impairments in Automated Vehicles: Challenge and Opportunities
University	University of Michigan
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Funding Source(s) and Amounts Provided (by each agency or organization)	Center for Connected and Automated Transportation, \$168,337
Total Project Cost	\$168,337
Agency ID or Contract Number	69A3551747105
Start and End Dates	02/01/2018 - 06/05/2020
Brief Abstract of Research Project	Autonomous and automated vehicles (AVs) will provide many opportunities for mobility and independence for people with vision impairments (PwVI). This project will provide insights on the challenges and potential barriers to their adoption of AVs. We will examine adoption and use of ridesharing services, which are similar means of single-rider transportation for PwVI, by conducting observations and interviews. Also, we will investigate social receptiveness of sighted people and PwVI towards the use of AVs through focus groups. From these studies, we will be able to provide recommendations to AV manufacturers and suppliers for how to best design vehicles and interactive systems that mitigate barriers that PwVI face.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	Research not yet conducted
Impacts/Benefits of Implementation (actual, not anticipated)	Research not yet conducted
Web Links <ul style="list-style-type: none">• Reports• Project website	ccat.umtri.umich.edu