

<b>UTC Project Information</b>	
Project Title	Investigating and Developing Methods for Traditional Participant-based Data Collection with Remote Experimenters
University	Virginia Tech
Principal Investigator	Marty Miller
PI Contact Information	dmiller@vtti.vt.edu
Funding Source(s) and Amounts Provided (by each agency or organization)	Safe-D (Federal) \$25,018, VTTI (non-Federal) \$25,000
Total Project Cost	\$50018
Agency ID or Contract Number	Grant No: 69A3551747115 Project: 05-97
Start and End Dates	11/1/2020 – 10/31/2021
Brief Description of Research Project	Developing methods, protocols, and technologies to enable traditional in-vehicle experiments to be performed remotely.
Describe Implementation of Research Outcomes (or why not implemented)  Place Any Photos Here	<ol style="list-style-type: none"> <li>1. UTC deliverables: quarterly reports, final report, data share</li> <li>2. EWD deliverables: guidelines for remote experimenter protocols, workshop on developing experimenter protocols featuring remote experimenters</li> <li>3. T2 Deliverables: stakeholder discussion regarding remote experimentation and monitoring capabilities, demonstration of remote experimenter capabilities, integrated remote experimenter device concept, software tools to enable remote experimentation (remote DAS interface, vehicle status updates, etc)</li> </ol>
Impacts/Benefits of Implementation (actual, not anticipated)	We anticipate that this project will allow traditional in-vehicle experimentation be performed remotely by experimenters. This could allow safe experimentation during the COVID pandemic, increase research efficiencies for experimenters, and enable increased realism for experiments dealing with advanced or automated vehicle systems.
Web Links <ul style="list-style-type: none"> <li>• Reports</li> <li>• Project website</li> </ul>	<a href="https://safed.vtti.vt.edu/projects/4086-2/">https://safed.vtti.vt.edu/projects/4086-2/</a>