

UTC Project Information	
Project Title	Enhancing Safe Traffic Operations Using Connected Vehicles Data and Technologies
University	University of Washington
Principal Investigator Co-Investigator	Zhibin Li Yinhai Wang(UW), Ali Hajbabaie(WSU), Leila Hajibabai(WSU)
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Funding Source(s) and Amounts Provided (by each agency or organization)	
Total Project Cost	\$80000.00
Agency ID or Contract Number	
Start and End Dates	Start: 06/16/2015 End: 06/15/2016
Brief Description of Research Project	The main objective of the proposed research is to use connected vehicles (CVs) data and technologies to improve traffic safety on roadway networks (e.g., freeways and intersections). Connected vehicle technology provides invaluable information such as vehicles location, speed, and acceleration rate to other vehicles and the infrastructure. Such information can be used to inform other road users (drivers, bicyclists, and pedestrians) of potential hazards on a transportation network and increase driver awareness about their surroundings. This increased awareness can contribute to a reduction in the risk of traffic accidents. Furthermore, traffic control systems can use such information to manage traffic incidents effectively by making real-time changes of traffic signal timings, speed limits, integrated corridor management strategies, and metering rate, among other strategies.

<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none">• Reports• Project Website	
<p>Project Type (basic, applied, advanced, etc)</p>	<p>Applied</p>