

Presentation Title	Place in Schedule
Association between Commercial Vehicle Driver At-fault Crashes Involving Sleepiness/Fatigue and Proximity to Rest Areas	Concurrent Session 1.2 <i>Day 2 – Wednesday</i> <i>May 9<sup>th</sup>, 2018</i> <i>1:00 – 2:15pm</i>
Description of Presentation	Presenter Name(s) And Credentials
<p>Introduction: There is ongoing concern at the national level about the availability of adequate commercial vehicle rest areas and truck stops for commercial vehicle drivers to rest or to wait for a delivery window.</p> <p>Methods: A retrospective case-control study was conducted to determine the association between the occurrence of sleepiness/fatigue-related (cases) vs. all other human factor-related commercial vehicle driver at-fault crashes (controls) and proximity to rest areas, weigh stations with rest havens, and truck stops.</p> <p>Results: Commercial vehicle driver at-fault crashes involving sleepiness/fatigue were more likely to occur on roadways where the nearest rest areas/weigh stations with rest havens/truck stops were located 20 miles or more from the commercial vehicle crash site (Odds Ratio [OR] = 2.32; Confidence Interval [CI] 1.615, 3.335] for 20-39.9 miles vs.</p>	<p>Terry Bunn, PhD <i>University of Kentucky</i></p>