

Industrial & Systems Engineering

Seminar Announcement

## Exploring the association between whole body vibration and truck drivers' vigilance

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**Abstract:** Studies have shown that exposure to whole-body vibration (WBV) is associated with several adverse health outcomes including low-back pain and driver fatigue, which may contribute to vehicle-related accidents. In order to reduce WBV exposure and mitigate potential adverse health outcomes, trucks are increasingly fitted with higher quality vibration-damping seat technologies. This talk will demonstrate the association between a truck driver's cognitive function and WBV exposures in a field study.

**Bio:** *Fangfang Wang* is a PhD student of Industrial & Systems Engineering at the University of Washington. She got her MS in Industrial Engineering at Texas A&M University.

**Tuesday, March 29, 2016**

**1:30 – 2:20 p.m.**

**MEB 235**