

TRB ANNUAL MEETING
Subcommittee on Truck and Bus Safety Data Needs
www.ugpti.org/trb/truckandbus/subcommittees/

Tuesday, January 24, 2012
1:30PM - 3:15PM
Marriott, Park Tower Suite 8219

Brenda Lantz, Chair
(brenda.lantz@ndsu.edu)

AGENDA

1:30-1:40

- Welcome and self-introductions / sign-in sheet
- Review the mission and scope of the subcommittee

1:40-1:50

- Review list of data source links created based on the discussion at last meeting
 - Any additional links to information?
 - Any missing?

1:50-2:10

- FMCSA Analysis Division project updates / discussion / Q&A – Bill Bannister

2:10-3:10

- Brief Truck & Bus Safety-related presentations and discussion

– Emphasis on data sources, analysis techniques, and any data gaps discovered

1. Use of Crash Clustering to Inform Fleet Road Safety
 - a. Presenter: Phillip Darby - Loughborough University (P.Darby@lboro.ac.uk)
2. Safety Benefits of Stability Control Systems
 - a. Presenter: John Woodrooffe - University of Michigan Transp. Res. Inst. (jhfw@umich.edu)
3. Predicting Truck Crash Involvement: Commercial Driver Behavior-Based Model Benefits of Alternative Compliance in the Trucking Industry
 - a. Presenter: Micah Lueck - American Transp. Research Institute (mlueck@trucking.org)
4. Evaluation of Factors Influencing Large-Truck Crash Severity
 - a. Presenter: Andrea Bill - University of Wisconsin, Madison (bill@wisc.edu)
5. Run-Off-Road Crashes of Commercial Vehicle Drivers
 - a. Presenter: Yiyun Peng - University of Washington (yiyunp@u.washington.edu)
6. Effects of Hours of Service and Driving Patterns on Motor Carrier Crashes
 - a. Presenter: Kun-Feng Wu - Pennsylvania State University (kxw930@psu.edu)
7. Crashes Involving Large Trucks: Exploratory Injury Severity Analysis
 - a. Presenter: Mouyid Bin Islam - University of Texas, El Paso (mbislam@miners.utep.edu)

Note: For the project “Safety Impact and Driver Acceptance of an Integrated Crash Warning System for Heavy Trucks,” the full report is available at:

www.nhtsa.gov/DOT/NHTSA/NVS/Crash%20Avoidance/Technical%20Publications/2011/811464.pdf

Emily Nodine from the Volpe Center also noted that her team is now conducting the evaluation of the heavy truck and bus data from the ITS Safety Pilot Program (Connected Vehicle field test that will launch this summer).

3:10-3:15

- Wrap-up / Next steps