

# TRB 91<sup>st</sup> Annual Meeting: Truck and Bus Safety Committee (ANB70) Sponsored Events

*Sponsored Events on January 23<sup>rd</sup> and 24<sup>th</sup> at Marriott Wardman Park*

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**Event Number:** 294

**Event Title:** Truck and Bus Safety Research Poster Session

**Event Date:** Monday, Jan 23 2012 10:45AM- 12:30PM

**Event Location:** Marriott, Salon 2

**Presiding Officers:** Ticatch, Joel L. - Telvent, Inc.

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

## **Presentations:**

***Use of Crash Clustering to Inform Fleet Road Safety*** [\(12-1722\)](#) - E01

Darby, Phillip - Loughborough University, United Kingdom

Quddus, Mohammed A. - Loughborough University, United Kingdom

Murray, Will - Interactive Driving Systems, United Kingdom

Raeseide, Robert - Napier University, United Kingdom

Ison, Stephen - Loughborough University, United Kingdom

***Safety Benefits of Stability Control Systems for Motorcoach Buses*** [\(12-3831\)](#) - E02

Woodrooffe, John - University of Michigan Transportation Research Institute

***Safety Impact and Driver Acceptance of an Integrated Crash Warning System for Heavy Trucks*** [\(12-1425\)](#) - E03

Nodine, Emily - Volpe National Transportation Systems Center

Najm, Wassim G. - Volpe National Transportation Systems Center

***Safety Benefits of Stability Control Systems for Single-Unit Trucks*** [\(12-3839\)](#) - E04

Woodrooffe, John - University of Michigan Transportation Research Institute

***Crashes Involving Large Trucks: Exploratory Injury Severity Analysis*** [\(12-1962\)](#) - E05

Islam, Mouyid Bin - University of Texas, El Paso

Hernandez, Salvador - University of Texas, El Paso

***Evaluation of Factors Influencing Large-Truck Crash Severity*** [\(12-4528\)](#) - E06

Serrano Monroig, Francisco Alejandro - University of Wisconsin, Madison

Uhm, Taeri - University of Wisconsin, Madison

Bill, Andrea R. - University of Wisconsin, Madison

Noyce, David A. - University of Wisconsin, Madison

***Run-Off-Road Crashes of Commercial Vehicle Drivers*** [\(12-1264\)](#) - E07

Peng, Yiyun - University of Washington

Boyle, Linda Ng - University of Washington

***Predicting Truck Crash Involvement: Commercial Driver Behavior-Based Model*** [\(12-3826\)](#) - E08

Lueck, Micah David - American Transportation Research Institute

Lantz, Brenda - North Dakota State University

***Process Comparison of Recording Hours of Service for Commercial Vehicle Operations: Electronic Versus Paper*** [\(12-1220\)](#) - E09

Pitera, Kelly - University of Washington

Boyle, Linda Ng - University of Washington

Goodchild, Anne - University of Washington

***Benefits of Alternative Compliance in the Trucking Industry*** [\(12-3322\)](#) - E10

Murray, Daniel C. - American Transportation Research Institute

Kepler, Stephen - Commercial Vehicle Safety Alliance

Lueck, Micah David - American Transportation Research Institute

Fender, Katie - American Transportation Research Institute

***Effects of Hours of Service and Driving Patterns on Motor Carrier Crashes*** ([12-0607](#)) - E11

Jovanis, Paul P. - Pennsylvania State University

Wu, Kun-Feng - Pennsylvania State University

Chen, Chen - Pennsylvania State University

***Get on the Curbside Bus: New Intercity Bus Passengers*** ([12-2810](#)) - E12

Klein, Nicholas J. - Rutgers University

***Analysis of Discrete Hazard and Survival of Driving Hours with Rest Breaks for Drivers of Truckload Carriers*** ([12-1941](#)) - E13

Chen, Chen - Pennsylvania State University

***Safety Benefits of Stability Control Systems for Tractor-Semitrailers Using Hardware-in-the-Loop Simulation*** ([12-0791](#)) - E14

Park, Sangjun - Virginia Polytechnic Institute and State University

Donoughe, Kelly - Virginia Polytechnic Institute and State University

Rakha, Hesham - Virginia Polytechnic Institute and State University

***Commercial Motor Vehicle Wireless Roadside Inspection Pilot Test, Part A: Technical System Performance*** ([12-0376](#)) - E15

Cherry, Christopher R. - University of Tennessee, Knoxville

Bordley, Lawson - University of Tennessee, Knoxville

Petrolino, Joseph - National Transportation Research Center, Inc.

Stephens, Denny - Battelle Memorial Institute

Kelfer, Jonathan - University of Tennessee, Knoxville

***Cost-Benefit Analysis: Onboard Safety System Effectiveness Evaluation*** ([12-2716](#)) - E16

Medina Flintsch, Alejandra - Virginia Polytechnic Institute and State University

Hickman, Jeffrey - Virginia Tech Transportation Institute

Guo, Feng - Virginia Polytechnic Institute and State University

Camden, Mathew - Virginia Tech Transportation Institute

Hanowski, Richard J. - Virginia Tech Transportation Institute

***Commercial Motor Vehicle Wireless Roadside Inspection Pilot Test, Part B: Stakeholder Perceptions*** ([12-1335](#)) - E17

Bordley, Lawson - University of Tennessee, Knoxville

Cherry, Christopher R. - University of Tennessee, Knoxville

Stephens, Denny - Battelle Memorial Institute

Zimmer, Robert - Battelle Memorial Institute

Petrolino, Joseph - National Transportation Research Center, Inc.

***Safety Manager and Commercial Driver Opinions and Acceptance of Onboard Safety Systems*** ([12-1249](#)) - E18

Mabry, Jessica - Virginia Tech Transportation Institute

Hickman, Jeffrey - Virginia Tech Transportation Institute

Camden, Mathew - Virginia Tech Transportation Institute

Marburg, Laurel - Virginia Tech Transportation Institute

Hanowski, Richard J. - Virginia Tech Transportation Institute

***Efficacy of Roll Stability Control, Forward Collision Warning, and Lane Departure Warning Using Carrier-Collected Crash Data*** ([12-1006](#)) - E20

Hickman, Jeffrey - Virginia Tech Transportation Institute

Guo, Feng - Virginia Polytechnic Institute and State University

Camden, Mathew - Virginia Tech Transportation Institute

Medina Flintsch, Alejandra - Virginia Polytechnic Institute and State University

Mabry, Jessica - Virginia Tech Transportation Institute

Hanowski, Richard J. - Virginia Tech Transportation Institute

Kwan, Quon - Federal Motor Carrier Safety Administration

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**Event Number:**

**Event Title:** Motorcoach Safety Subcommittee, ANB70(2)

**Event Date:** Monday, Jan 23 2012 3:45PM- 5:30PM

**Event Location:** Marriott, Park Tower Suite 8222

**Presiding Officers:** Littler, Charles Norman - American Bus Association

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

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**Event Number:**

**Event Title:** Motor Carrier Alternative Compliance Joint Subcommittee of ANB70, ANB30

**Event Date:** Monday, Jan 23 2012 7:30PM- 9:30PM

**Event Location:** Marriott, Taft

**Presiding Officers:** Bergoffen, Gene - MaineWay Services

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

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**Event Number:** 462

**Event Title:** FMCSA's Analysis, Research, and Technology Programs, Part 1 (Part 2, Session 506)

**Event Date:** Tuesday, Jan 24 2012 8:00AM- 9:45AM

**Event Location:** Marriott, Salon 3

**Presiding Officers:** Smith, Stephen - Federal Motor Carrier Safety Administration

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

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**Presentations:**

***Commercial Motor Vehicle Industry Real-World Experience with Onboard Safety Systems*** [\(P12-6752\)](#)

Kwan, Quon - Federal Motor Carrier Safety Administration

***Estimating the Cost of Commercial Motor Vehicle*** [\(P12-6750\)](#)

Johnsen, Michael - Federal Motor Carrier Safety Administration

***Impact of Driving, Non-Driving Work, and Rest Breaks on Driving Performance in Commercial Motor Vehicle Operations*** [\(P12-6751\)](#)

Hallquist, Terri - Federal Motor Carrier Safety Administration

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**Event Number:** 506

**Event Title:** FMCSA's Analysis, Research, and Technology Programs, Part 2 (Part 1, Session 462)

**Event Date:** Tuesday, Jan 24 2012 10:15AM- 12:00PM

**Event Location:** Marriott, Salon 3

**Presiding Officers:** Smith, Stephen - Federal Motor Carrier Safety Administration

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

**Presentations:**

***University of Michigan Transportation Research Institute's Compliance, Safety, Accountability Operational Model Test Evaluation Report*** [\(P12-6746\)](#)

Gruberg, Richard - Federal Motor Carrier Safety Administration

***270 Truck Onboard Monitoring Project Update and Overview*** [\(P12-6748\)](#)

Ajayi, Olu - Federal Motor Carrier Safety Administration

***Wireless Roadside Inspection Phase II Pilot Test Findings*** [\(P12-6749\)](#)

Flanigan, Chris - Federal Motor Carrier Safety Administration

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**Event Number:**

**Event Title:** Truck and Bus Data Subcommittee, ANB70(4)

**Event Date:** Tuesday, Jan 24 2012 1:30PM- 3:15PM

**Event Location:** Marriott, Park Tower Suite 8219

**Presiding Officers:** Lantz, Brenda - North Dakota State University

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

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**Event Number:**

**Event Title:** Truck and Bus Operator Health and Wellness Subcommittee, ANB70(3)

**Event Date:** Tuesday, Jan 24 2012 3:45PM- 5:30PM

**Event Location:** Marriott, Park Tower Suite 8216

**Presiding Officers:** Krueger, Gerald P. - Krueger Ergonomics Consultants

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

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**Event Number:** 606

**Event Title:** Motorcoach Occupant Protection

**Event Date:** Tuesday, Jan 24 2012 3:45PM- 5:30PM

**Event Location:** Marriott, Maryland B

**Presiding Officers:** Poland, Kristin - National Transportation Safety Board  
Czech, Barbara - National Transportation Safety Board

**Sponsored By:** [Occupant Protection \(ANB45\)](#)  
[Truck and Bus Safety \(ANB70\)](#)

**Presentations:**

***NHTSA's Programs on Motorcoach Occupant Protection*** ([P12-6467](#))

Summers, Lori - National Highway Traffic Safety Administration

***NTSB Investigations of Motorcoach Crashes*** ([P12-6468](#))

Poland, Kristin - National Transportation Safety Board

***Motorcoach Passenger Safety Seating*** ([P12-6469](#))

Vits, Charles - IMMI

***Motorcoach Occupant Safety: Industry Perspective*** ([P12-6473](#))

Bertrand, Deny - Prevost, Canada

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**Event Number:**

**Event Title:** Truck and Bus Safety Committee

**Event Date:** Tuesday, Jan 24 2012 7:30PM- 10:00PM

**Event Location:** Marriott, Harding

**Presiding Officers:** Ticatch, Joel L. - Telvent, Inc.

**Sponsored By:** [Truck and Bus Safety \(ANB70\)](#)

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If you have any questions regarding the sponsored events above, please feel free to email Andy Schaudt ([aschautd@vti.vt.edu](mailto:aschautd@vti.vt.edu)) or Joel Ticatch ([Joel.Ticatch@telvent.com](mailto:Joel.Ticatch@telvent.com)) and one of us will respond as soon as possible.

Thanks,

Andy & Joel