

TRANSPORTATION RESEARCH BOARD

TRB Distraction Activities

Russell Houston

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TRB Staff

- Scott Babcock, SPO, Rail & Freight - TAD
- Scott Brotemarkle, SPO, Marine & Intermodal Freight - TAD
- Mark Bush, SPO, NCHRP, Safety
- Velvet Fitzpatrick, PO, Transit IDEA Program
- Christine Gerencher, SPO, Aviation & Environment - TAD
- Nelson Gibson, SPO, Design - TAD
- Bernardo Kleiner, SPO, Safety - TAD
- William Rogers, SPO, Behavioral Traffic Safety CRP
- Dianne S. Schwager, SPO, Highway CRP
- Robert Shea, SPO - Legal TAD

Publications

- (2019) - A Decadal Survey of the Social and Behavioral Sciences (NASEM)
- (2018) - The Human Factors of Process Safety and Worker Empowerment in the Offshore Oil Industry: Proceedings of a Workshop (NASEM)
- (2018) - Getting to Zero Alcohol-Impaired Driving Fatalities: A Comprehensive Approach to a Persistent Problem (NASEM)
- (2018) - Analysis of Work Zone Crash Characteristics and Countermeasures (NCHRP)
- (2017) – Enhancing Safety & Security of Transit Systems using Computer Vision (TCRP)
- (2014) - Analysis of Naturalistic Driving Study Data: Safer Glances, Driver Inattention, and Crash Risk (SHRP2)
- (2014) - Analysis of Naturalistic Driving Study Data: Roadway Departures on Rural Two-Lane Curves (SHRP2)
- (2013) – Transit Bus Operator Distraction Policies (TCRP)
- (2012) Distracted Driving Countermeasures for Commercial Vehicles (CTBSSP)
- (2005) – A Guide for Reducing Crashes Involving Drowsy and Distracted Drivers (NCHRP)

Committees and Projects

- ABE60 – Accessible Transportation and Mobility
- AFB20 – Roadside Safety Design
- AHB60 – Highway/Rail Grade Crossings
- AL070 – Tort Liability and Risk Management
- AN000 – Safety and Systems Users Group
- ANB00 – Safety
- ANB10 – Transportation Safety Management
- ANB20 – Safety Data, Analysis and Evaluation
- ANB23 – Highway Safety Workforce Development
- ANB25 – Highway Safety Performance
- ANB30 – Operator Education and Regulation
- ANB40 – Traffic Law Enforcement
- ANB45 – Occupant Protection

Committees and Projects (Continued)

- ANB50 – Alcohol, Other Drugs, and Transportation
- ANB60 – Safe Mobility of Older Persons
- ANB70 – Truck and Bus Safety
- ANB75 – Roundabouts
- AND00 – Users Performance
- AND10 – Vehicle User Characteristics
- AND20 – User Information Systems
- AND30 – Simulation and Measurement of Vehicle and Operator Performance
- AND40 – Visibility
- ANF10 – Pedestrians
- ANF20 – Bicycle Transportation
- ANF30 – Motorcycles and Mopeds

Committees and Projects (Continued)

- AR070 – Railroad Operational Safety
- AT040 – Transportation of Hazardous Materials
- AV090 – Aviation Security and Emergency Management
- AW040 – Marine Safety and Human Factors
- DB099 – BTSCRIP – The Influence of Infrastructure Design on Distracted Driving
- BTSCRIP BTS-03 - Examining the Implications of Legislation and Enforcement on Electronic Device Use While Driving
- NCHRP 15-55 - Guidance to Predict and Mitigate Dynamic Hydroplaning on Roadways
- NCHRP 17-80 - Expansion of Human Factors Guidelines for Road Systems, Second Edition
- BTSCRIP BTS-09 - Influence of Infrastructure Design on Distracted Driving

Critical Issues

Safety and Public Health

#22 - How can semiautomated driving, which requires driver vigilance even when relying on the vehicle to steer and brake, be most effectively regulated to address the risks of increased distraction and inattentiveness?

#22 - As ever more technology is available and used by transportation operators, how do we reduce the death and injury resulting from related distractions?

#22 - What are the net safety benefits of semiautomated technologies even if they do increase distraction-related crashes?