

CMV Safety Summit 2022

Brenda Lantz, NDSU-UGPTI

Western CMV Safety Summit – November 29-30, 2022

- Co-hosted with the **Colorado State Patrol**, and funded by FMCSA cooperative agreement
- Approximately **150 attendees** from federal and state DOTs, law enforcement, driver licensing agencies, universities, and industry
- **Focus**
 - Efforts to **reduce distracted driving** by CMV drivers and others operating around CMVs, and to improve **CMV safety in work zones**
- ugpti.org/events/safetysummit2022



Thank you to our Sponsors!

Drivewyze®



acusensus
intelligent eyes



INTERNATIONAL ROAD DYNAMICS INC.



Mile Hi
Foods



toXcel

Opening Sessions

- **Keynote Speaker** - Earl Adams, Jr., FMCSA Deputy Administrator
- **Federal Priorities and Challenges**
 - Scott Hernandez, Regional Field Administrator, FMCSA Western Service Center
- **State Priorities and Challenges**
 - Captain John Hahn, Commander, Motor Carrier Safety Section, Colorado State Patrol
- **FMCSA Recent Final Rule Updates**
 - Joshua Jones, Transportation Specialist, FMCSA Commercial Driver's License Division



Question - From Capt. Hahn's Presentation

- Nearly 6 out of 10 CMV crashes on I-70 involve what type of driver?
 1. Under 25
 2. Unlicensed
 3. Impaired
 4. Licensed outside of Colorado



Answer - From Capt. Hahn's Presentation

- Nearly 6 out of 10 CMV crashes on I-70 involve what type of driver?

4. Licensed outside of Colorado

- The Path Forward
 - Partnerships
 - Continued industry engagement
 - Continued interagency engagement
 - Continued exploration of technology
 - Cross-state awareness of issues

Mountain Rules Truck Safety Campaign Webinar

- **Date:** Tuesday, September 26, 2023
- **Time:** 1:30 PM – 3:00 PM MT
- **Register in advance**
 - <https://ndsu.zoom.us/meeting/register/tJYqc-2uqjlvGdLu8ZcfzJoLiCPoDjBppBDp>
- **Presenters**
 - Craig Hurst, Manager, Colorado Department of Transportation Freight Office
 - Capt. John Hahn, Commander, Motor Carrier Safety Section, Colorado State Patrol
- **Description**
 - Partnership between CDOT, CSP, CMCA, and in-cab driver alert providers
 - This program is a comprehensive, strategic and safety-focused effort to **inform and educate** in-state and inter-state trucking companies and drivers on the challenges of driving in Colorado's mountains
 - The webinar will introduce the safety campaign videos followed by a discussion of the process to partner with different agencies to get this safety message out and save lives
- A **recording** of this webinar will be available at - www.ugpti.org/outreach/cvsc/webinars/

Plenary Session - State Best Practices

- **Shift: Idaho's Engaged Driving Initiative**
 - Bill Kotowski, Program Manager, Idaho Transportation Department, Office of Highway Safety
 - Commitment for **all drivers** to change behaviors that make the road a dangerous place
- **Nevada Strike Force Operations and Badge on Board Campaigns**
 - Trooper Darold Kassebaum, Jr., Judicial Outreach / MCSAP / Industry Training and Education, Nevada State Police, Highway Patrol Division
- The Association between **Broadened Cellphone Bans and Police-Reported Rear-End Crash Rates in CA, OR, and WA**
 - Ian Reagan, Senior Research Scientist, Insurance Institute for Highway Safety (IIHS)

Question - From Trooper Kassebaum's Presentation

- There were 918 CMV crashes in the Las Vegas area in 2021. What percent were caused by passenger vehicles?
 1. 10%
 2. 25%
 3. 50%
 4. 75%



Answer - From Trooper Kassebaum's Presentation

- There were 918 CMV crashes in the Las Vegas area in 2021. What percent were caused by passenger vehicles?

3. 50%

- Badge on Board Program
 - A uniformed trooper occupies the passenger seat of a tractor-trailer combination alongside a CDL driver
 - Trooper observes poor driver behavior / moving violations, and radios to a designated chase unit to stop the vehicle

Plenary Session – Resources and Tools

- **Operation Safe Driver – New Outreach Opportunities**
 - William (Jake) Elovirta, Director of Compliance and Enforcement Programs, Commercial Vehicle Safety Alliance (CVSA)
 - www.cvsa.org/programs/operation-safe-driver/
 - Provides videos, audio PSAs, and printable flyers designed to –
 - Teach teen and novice drivers how to **safely share the roads** with large trucks & buses
 - **Educate CMV drivers** about dangers and challenges they may encounter on roadways
 - 14 Defensive Driving Techniques
 - Safety Tips Every Professional Driver Must Know

Plenary Session – Resources and Tools

- **Work Zone Safe** – Teaching Teen Drivers to Safely Navigate Work Zones
 - Tom Robins, founder of Work Zone Safe
 - www.workzonesafe.com
- **Smart Work Zone System** Development at VTTI
 - Dr. Michael Mollenhauer, Director of the Division of Technology Implementation, Virginia Tech Transportation Institute (VTTI)
- **Just Drive: Deliver Distraction Free** – Resources to Prevent Distracted Driving Among Commercial Drivers
 - Jill Rybar, MPH, Deputy Director and D. R. "Ike" Iketani, Safety Consultant; Training, Research and Education for Driving Safety (TREDS); University of California, San Diego, School of Public Health
 - <https://treds.ucsd.edu/commercial-drivers/>
 - Offers an **education program**, and additional resources, for CMV drivers to increase driving safety awareness and decrease distracted driving behaviors

Question – From UC, San Diego Just Drive Presentation

- Of the three types of distraction, which one is involved when you receive and review a text?
 1. Visual – look away
 2. Manual – touch or reach for something
 3. Cognitive – mental brain engagement
 4. All of the above



Answer – From UC, San Diego Just Drive Presentation

- Of the three types of distraction, which one is involved when you receive and review a text?

4. All of the above

- It takes about 4.6 seconds to send an average text, and at 55 mph, you will travel the distance of a football field

Plenary Session — Research and Partnerships

- **Making Rural Roads Safer** in Texas: New Data Tools & Approaches to Driver Training
 - Eva Shipp, Senior Research Scientist, Texas A&M Transportation Institute
- **Commercial Driver Distraction: Recent Insights from Naturalistic Driving Studies**
 - Rebecca Hammond, Senior Research Associate; Division of Freight, Transit, and Heavy Vehicle Safety; Virginia Tech Transportation Institute
- **North Dakota Highway Patrol CMV Safety Projects**
 - Lt. Dave Wolf, Regional Commander, and Lt. Adam Dvorak, Assistant Operations Commander, Motor Carrier Operations, NDHP; and
 - Dr. Kimberly Vachal, Program Director, RTSSC, NDSU-UGPTI

Plenary Session — Cross-Agency Efforts

- **Federal Highway Administration (FHWA) Collaborative Efforts Toward Addressing Work Zone Safety**
 - Martha Kapitanov, Transportation Specialist, FHWA Work Zone Management
 - CMV Safety in Work Zones Resources
 - https://ops.fhwa.dot.gov/wz/cm_v_safety/
- **FMCSA Shareable Materials**
 - Randy Hurley, FMCSA Federal Programs Manager, Colorado Division
 - Work Zone Safety Shareable Materials
 - www.fmcsa.dot.gov/ourroads/work-zone-safety-shareable-material
 - Distracted Driving Shareable Materials
 - www.fmcsa.dot.gov/ourroads/distracted-driving-shareable-materials
 - CMV Driver Toolkit - driver health tips and road safety refreshers
 - www.fmcsa.dot.gov/ourroads/cm_v-driver-toolkit

Plenary Session — Cross-Agency Efforts

- **National Transportation Safety Board (NTSB) Distracted Driving Recommendations**
 - Bruce Landsberg, Vice Chairman, NTSB
 - Recent webinar 8/24/2023 with NTSB recommendations - www.ugpti.org/outreach/cvsc/webinars/
- **National Highway Traffic Safety Administration (NHTSA) CMV Resources**
 - Gina Mía Espinosa-Salcedo, MPH, Regional Administrator, Regional Operations and Program Delivery, NHTSA
 - Data Visualization tools - <https://cdan.dot.gov/DataVisualization/DataVisualization.htm>

Plenary Session - FMCSA Research & Grant Opportunities

- **Overview** of FMCSA Analysis, Research & Technology Program
 - Robert Kreeb, Director, FMCSA Office of Analysis, Research, and Technology
- **FMCSA Automated CMV Evaluation Program - Emergency Response and Work Zone Research**
 - Mike Lukuc, Program Manager, Automated CMV Evaluation Program, FMCSA Technology Division
- **Large Truck Crash Causal Factors Study (LTCCFS) Updates**
 - Jenny Guarino, Statistician, FMCSA Analysis Division
- **FMCSA Current Research, Partnerships, and Grant Opportunities**
 - Tom Keane, Associate Administrator, FMCSA Office of Research and Registration

Final Session — Roundtable Discussion of State Issues and Main Takeaways

- Information related to fraudulent CDLs
- Ideas for ways to address the issue with substantial increases in New Entrants
- Strategies for handling truck traffic during winter storms
- Plan to implement Badge on Board program similar to Nevada
- Plan to reach out to their state university to discuss partnership



Evaluation Survey and Feedback

- Keep **highlighting success stories** – what is working
- Enjoy opportunities for **group discussion and sharing ideas**
- Like to see the **connect with research** and officers' data collection efforts
- Appreciate learning **new technical advances** and what can be purchased or completed with grant funding
- More **industry involvement** and strategies they use to improve safety
- Learning more examples about **possible partnerships** between states, agencies, universities, and industry

Questions/Comments

- Summit 2022 website - www.ugpti.org/events/safetysummit2022
- CVSC website with prior Summit information and resources - www.ugpti.org/outreach/cvsc/
- Contact: Brenda Lantz, NDSU-UGPTI
 - brenda.lantz@ndsu.edu or 720-470-1871



Thank you



NDSU UPPER GREAT PLAINS
TRANSPORTATION INSTITUTE