


Ahmadian, M. (2001). On the design of magneto rheological recoil dampers for fire out of battery control. Tenth Gun Dynamics Symposium, Dallas, TX.


Alden, A. (2017, November). *The I-81 Corridor Coalition program*. Bristol MTPO Executive Board Meeting, Bristol, TN.

Alden, A. (2017, November). *The I-81 Corridor Coalition program*. Kingsport MPO Executive Board Meeting, Kingsport, TN.


Ali, G., McLaughlin, S., & Ahmadian, M. (under review). Quantifying the effect of roadway, driver, vehicle, and location characteristics on the frequency of longitudinal and lateral accelerations.


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Al-Qadi, I. L., Flintsch, G. W., Brandon, T. L., & Park, Y. (2000, June). Relationship between FWD backcalculated resilient moduli of subbase layers at the Virginia Smart Road and Lab measured values. Fifth Symposium on Unbound Aggregates in Roads, Nottingham, UK.


Beeman, S., Kemper, A., Madigan, M., & Duma, S. M. (2010). *Effects of muscle activation on occupant kinematics in frontal impacts*. Sixth Ohio State Injury Biomechanics Symposium, Columbus, OH.


Bhagavathula, R., & Gibbons, R. B. (2015). A new approach to analyze nighttime roadway visibility through distribution analysis of detection distances. 28th Session of the CIE, Manchester, United Kingdom.


Blanco, M. (2017, October). Mixed-function automation naturalistic driving study. From ADAS to Automated Driving Symposium, Columbus, OH.


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Camden, M.C. (2021, December). *Leveraging research-proven strategies to improve fleet safety.* Invited presentation at the Presidio Risk Control Workshop, Captive Resources, Phoenix, AZ.


Camden, M.C. (2022, April). *Developing a Comprehensive Program to Successfully Improve Fleet Safety.* Invited presentation to be given at the University of Texas’ 2022 Higher Education Risk Management Conference, San Antonio, TX.


Camden, M.C. (2022, March). *Leveraging research-proven strategies to improve fleet safety.* Invited presentation at the TRAX Risk Control Workshop, Napa, CA.


Camden, M.C. (2022, March). *Safety culture and the science to improve fleet safety.* Invited presentation at Great West Causality Company, 2022 Leadership Symposium Series, Omaha, NE.

Camden, M.C. (2022, May). *Leveraging research-proven strategies to improve fleet safety.* Invited presentation at the Evolution Risk Control Workshop, Charlotte, NC.


Camden, M.C., Sharp, D., & Cobb, L. (2021, September). *Using positive strategies to address societal challenges.* Invited panel presentation at the 8th annual Distracted Driving Summit, Virginia Beach, VA.


Chaka, M. (2018, April). *Key topics to consider during the crash avoidance, crashworthiness, and occupant protection discussion*. Expert panel discussion and presentation, 100 Series Working Group, Stakeholder Meeting, FMVSS Considerations for Automated Driving Systems, Washington, DC.


Charlie Klauer, Invited speaker, Maryland Distracted Driving Summit, Virtual Conference

Charlie Klauer, Invited Speaker, Old Dominion University REU Virtual Presentation

Charlie Klauer, Invited Speaker, TransUrban Global Safety Week, Virtual Symposium

Charlie Klauer, Invited Speaker, VA Distracted Driving Summit, Virginia Beach, VA


Dean ME, Rixinger LE, “Using Event Data Recorders to Compare the Frontal Cash Injury Prediction Capabilities of Six Vehicle-Based Crash Severity Metrics” 17th Annual Injury Biomechanics Symposium, Columbus, Ohio (May 2022).

Dean ME, Rixinger LE, “Using real-world crash data to estimate the ability of LDW/LKA to prevent roadside crashes,” TRB Summer Meeting, AKD20 Roadside Safety Design Committee, Kansas City, Missouri (August 2022).


Dion, F., Rakha, H. A., Zhang, Y., & Manar, A. (2001, March). *Examination of the use of an intelligent transportation system to promote transit movements on urban arterials* [In French]. 36th Annual Meeting of the Quebec Transportation and Road Association, Laval, Quebec.


Drive2thefuture Workshop Programme. Virtual (Pandemic) Format.


Elhenawy, M., & Rakha, H. (2014). Random forest travel time prediction algorithm using spatiotemporal speed measurements. 21st ITS World Congress, Detroit, MI.


Flintsch, G. (2017, October). Use of high speed deflectometers for last generation of pavement management (Uso de los deflectógrafos de alta velocidad para la gestión de pavimentos de última generación) [keynote presentation]. International Symposium on Technological Innovation in Roadway, Guadalajara, Mexico.


Flintsch, G. (2021). Road Asset Management in the Framework of Infrastructure 4.0 (Gestión de Activos Viales en el Marco de la Infraestructura 4.0). In *Road Week 2021 (Semana del Camino 2021).* Argentina (virtual).


Flintsch, G. W., Bryce, J., & Katicha, S. (2014). Capabilities and potential applications of continuous pavement deflection measuring devices. ASCE Geo-Congress, Atlanta, GA.


Foster, K., Bowman, J. R., Shiner, T., & Dunsmore, J. (2007, March). *Parent child communication in families that have undergone transitions*. Virginia Tech Fifth Annual Undergraduate Research Conference, Blacksburg, VA.


Gellatly, A. W., Petersen, A. D., Ahmadian, M., & Dingus, T. A. (1997). The Virginia Tech Center for Transportation Research Smart Truck - An instrumented heavy vehicle for evaluation of intelligent transportation systems. 1997 SAE International Truck and Bus Meeting and Exposition, Cleveland, OH.


Han Xu, Abhijit Sarkar, A. Lynn Abbott; Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) Workshops, 2022, pp. 2906-2915


Hanowski, R. (2017, November). Evaluating truck drivers’ speed and seat-belt use before and after the implementation of a non-video onboard monitoring system. IRF World Road Meeting, Delhi, India.

Hanowski, R. (2017, October). *Optimizing driving data: What to collect and how it can be used* [Invited presentation]. ATA Management Conference and Exhibition, Orlando, FL.


Hanowski, R. J., & Dingus, T. A. (1997, October). *Will advanced vehicle systems lead to the increased mobility of elderly drivers?* 11th Penn State Gerontology Center Conference on Social Structures and Mobility in the Elderly, University Park, PA.


https://doi.org/10.3791/58597


Jacob Walters, Presenter, Safe-D Webinar Improving Methods to Measure Attentiveness through Driver Monitoring


Jean Paul Talledo Vilela, Invited Speaker, Automated Road Transportation Symposium (ARTS22), Garden Grove, CA

Jean Paul Talledo Vilela. Invited Speaker, Connected Vehicle Vehicles USA (CV22), Detroit, MI

Jeffrey S. Hickman, Shu Han, Susan Soccolich, and Feng Guo (2022), Effect of the Length of Medical Certification on Safety, Federal Motor Carrier Safety Administration


July 14, 2022 Tammy Trimble. Invited Speaker, Missouri Law Enforcement Traffic Safety Advisory Council, Lake of the Ozarks, MO
July 20, 2022 Tammy Trimble. Invited Speaker, Evaluating First Responder Interactions as the AV Market Expands Breakout Session, The Transportation Research Board’s Automated Road Transportation Symposium, Garden Grove, CA


Kemper, A., Stitzel, J. D., Sparks, J., & Duma, S. M. *Macro to micro approach characterizing human organs*. NHTSA Human Subjects Workshop,


Kondoh, T., & Furuyama, N. (2015). π number study on driving behavior: Example of braking behavior in car-closing situations. 18th International Conference of Perception and Action, Minneapolis, MN.


Krum, A. (2022, January 11). *Naturalistic Baseline to Truck and Bus Safety, Truck and Bus Technology Subcommittee*. Presented at the TRB Annual 2022 Project Discussion.


Krum, A. (2022, May 3). *Transit Worker Assaults, Bus Barriers and FTA’s Crime Prevention Initiative*. Invited presentation at the APTA Mobility Conference. Columbus, OH.


Lampe, K., Mazur, R., VandeVord, P., & Yokosawa, R. A 3D In Vitro Hydrogel Model to Study Oligodendrocyte Cell Response to Traumatic Brain Injury, April 27th-30th 2022 (Society for Biomaterials Annual Meeting)


Lu, Y.-C., & Untaroiu, C. D. (2013). Quantifying material properties of liver parenchyma tissue using tensile testing and optimization techniques. AAAM 57th Annual Scientific Conference, Quebec, Canada.


McCall, R. M. (2018, April). *Getting to where we want to be* [keynote presentation]. Virginia Tech Services for Students with Disabilities Access & Inclusion Awards, VT SSD, Blacksburg, VA.


Meeting: Charting A Path Forward, Presentation As Organizing Session Chair.


Mike Mollenhauer, Invited panelist, Challenges with Testing of Connected and Autonomous Vehicles, SAE COMVEC ‘21, Rosemont, IL.

Mike Mollenhauer, Invited speaker, Connected and Automated Vehicle Deployment Support Programs, Lifesavers 2022, Chicago, IL.

Mike Mollenhauer, Keynote speaker, The Future of Mobility is Here (Almost), American Public Works Association Annual Conference, Virginia Beach, VA


Perez, M. A., Sears, E., Valente, J. T., Huang, W., & Sudweeks, J. (2021). Factors modifying the likelihood of speeding behaviors based on naturalistic driving data. *Accident Analysis & Prevention, 103*, 10-19. [https://doi.org/10.1016/j.aap.2017.03.005](https://doi.org/10.1016/j.aap.2017.03.005)


Rajaram Bhagavathula, Invited Speaker, Addressing Issues in Nighttime Pedestrian Safety with Lighting, Lightfair, June 22, 2022

Rajaram Bhagavathula, Invited Speaker, Effect of Intersection Lighting Designs on Drivers’ Visibility, TRB 2022, Washington, DC.

Rajaram Bhagavathula, Invited Speaker, Effect of LED Roadway Lighting on Driver Sleep Health and Alertness, TRB 2022, Washington, DC.

Rajaram Bhagavathula, Invited Speaker, Electric and Automated Vehicles, Tennessee TowShow, October 7, 2021

Rajaram Bhagavathula, Invited Speaker, Lighting Application Efficiency for Roadway Lighting, DOE R&D Workshop, January 31, 2022

Rajaram Bhagavathula, Invited Speaker, Strategies to Increase Nighttime Pedestrian Visibility at Mid-Block Crosswalks, TRB 2022, Washington, DC.


Riexinger LE, Dean ME, “Estimating the Real-World Benefits of Lane Departure Warning and Lane Keeping Support”, Bucknell University, Biomedical Engineering Department, (April 2022).

Riexinger LE, Dean ME, “Estimating the Real-World Benefits of Lane Departure Warning and Lane Keeping Support”, Bucknell University, Biomedical Engineering Department, (April 2022).


Ronald Gibbons, Pedestrian Lighting Webinar, FHWA June 2022


Rossi-Alvarez, A.*, Klauer, S., Miles, M., Grove, K., Schaudt, W., & Doerzaph, Z.


Schaudt, W. A. (2018, March). *It's crazy enough it just might work* [panel member]. VT Entrepreneur Challenge, Blacksburg, VA.


security, safety and legal dilemmas: Are they impacting the acceptance of autonomous vehicles?


Song, M. (2017, September). Countermeasures to detect and combat driver inattention in connected and automated environment. 5th Annual Distracted Driving Summit, Norfolk, VA.


Talley, W., Ng, M., Cetin, M., Rakha, H. A., & Park, B. (2016). *Multimodal freight distribution to support increased port operations.* University Transportation Centers Program, USDOT.

Tammy Trimble. Invited panelist, Governors Highway Safety Association Annual Meeting, Denver, CO

Tammy Trimble. Invited panelist, Iowa SAFER-SIM Symposium, Online.

Tammy Trimble. Invited speaker, Transportation Research Board Annual Meeting, Washington, DC

Tammy Trimble. Invited speaker, Wisconsin Automated Vehicle External Advisory Committee Meeting (WAVE), Online.


Turturici, M. (2018). Effects of driver impairment on crash risk: Results from 40 million miles of naturalistic driving data in the SHRP 2 Database. 97th Annual Meeting of the Transportation Research Board, Washington, DC.


Enhanced camera/video imaging systems (E-C/VISs) for heavy vehicles: Phase I report. Virginia Tech Transportation Institute.

Enhanced camera/video imaging systems (E-C/VISs) for heavy vehicles: Final report (DOT HS 811 483).  


Williams, V., McLaughlin, S., & Buche, T. (2016, August 30-September 1, 2016). Selected lane position as motorcyclists approach and traverse intersections. Fifth International Symposium on Naturalistic Driving Research, Blacksburg, VA.


Yi Li; Wheel Speed Effect on Transient Lateral Force and Its Characterization by Ramp-Step Steer Test Method. *Tire Science and Technology* 2021; doi: https://doi.org/10.2346/tire.21.20026


