



Lifesavers National Conference on Highway Safety Priorities

Workshop Titles and Descriptions by Track as 2/28/2022

Child Passenger Safety Track (as of 2/28/2022)

“Add Me”: Best Practices & Trends in the Digital Space

A strong social media presence can be a key component to reach your audience in a successful child passenger safety program. Set your program up for success by employing a few key principles. Hear from experts and fellow technicians that use successful social media components to create meaningful and engaging content, provide correct information in a compelling way.

Boost Your Booster Seat IQ: Research in Booster Effectiveness (1.5 CEUs)

Think you know everything there is to know about booster seats? Well think again! Explore new ways to quantify belt fit, postures, and crash testing measurements. These efforts ensure that booster technology is constantly reaching higher levels of effectiveness for every child during every trip. Experts will discuss these and other important key features regarding booster seat safety.

CPSTs on the Front Line: Product Updates (1.5 CEUs)

Child safety seats are constantly changing and CPSTs are on the front line working every day to ensure that parents and caregivers know how the newest restraints work to protect their precious cargo. Get the latest child restraint updates directly from the manufacturers as they showcase the latest products and technology.

Data, Technology & Teamwork, the Trifecta to Eliminating Vehicular Heatstroke

Explore recent trends and advancements for one of the most sadly preventable tragedies: vehicular heatstroke. Hear from experts about how new technology in vehicles and child restraint systems can address underlying causes of real-world cases. How safety organizations have developed and implemented prevention programs in target groups through employer involvement will also be highlighted.

First Responder Child Passenger Safety Technician Tools to Manage Cumulative Critical Incident Stress

First responders experience work-related critical incidents every day. Join the discussion to identify exactly what a critical incident is and the tools to manage a response. Learn about strategies and the Destination Zero and SAFELEO programs available for law enforcement. Coping with stress, while remaining resilient when experiencing traumatic events will be highlighted including what it means to experience these situations and to say, “a normal reaction to an abnormal situation.”

Is Virtual Here to Stay? Navigating the CPS World Beyond the Pandemic

The pandemic has made virtual education “the new normal.” While virtual events will never replace face-to-face education, it could be a useful tool when resources are tight, personnel are unable to conduct face-to-face checks or at educational events. Panelists from local, state, regional and national programs will review how virtual education can work to continue the CPS mission and enhance the learning experience of the CPSTs.

Let's Talk About It: Addressing Disparities in Child Passenger Safety

Racial and ethnic disparities are prevalent across the country when addressing child passenger safety. Many technicians are eager to work with these populations but do not know where to begin. Learn about the gaps in education and targeted outreach, and highlighted best practice programs with strategies and tools to reach some of these diverse populations.

On Impact... Energy Management Features to Lessen the Blow (1.5 CEUs)

In the changing world of child passenger safety, design and testing of car seats have come a long way. Car seat and vehicle manufacturer designs and innovations that manage and redirect the energy produced in a crash to reduce injuries to adults and children will be discussed.

OP Program Resources for Protecting Vulnerable Child Passengers

Are you a CPS or OP coordinator? Are you looking for ways to ensure your CPS program remains effective and functional? This workshop is for you! Learn from experienced program leads about how to address the safety of vulnerable child passengers. Information and strategies to elevate CPS outreach for children in boosters and those who ride with impaired drivers will be highlighted. And, since CPSTs are key in any outreach, strategies to support your technicians and boost recertification rates during these challenging times will also be addressed.

School Transportation for Children with Special Health Care Needs: During a Pandemic & Beyond (1.5 CEUs)

Many aspects of safe transportation during the pandemic have long-lasting implications for mitigation of infection and injury in the future. CPSTs will learn the technical transportation elements of an Individual Education Program (IEP) and how to advise parents on navigating an IEP to include transportation. Specific guidelines for ensuring appropriate restraint selection, necessary interventions for mitigation of infection, and the principles of emergency evacuation will be discussed. Guidance for CPSTs, including appropriate selection of car seats and other child restraints and key discussion points necessary to inform families, school personnel and policy makers, will be provided.

Tell Me About It: The Latest Technology from the Car Seat Manufacturers (1.5 CEUs)

Join us for a conversation with your favorite manufacturers as they answer some of technician's most often-asked technical questions about their products. We'll discuss the newest technologies available, changes to established products, and the key technical take-aways that every technician should know about each brand.

The Wheels on the Bus Go Round & Round: Synthesizing Head Start Transportation & Child Passenger Safety (1 CEU)

Every school day, Head Start programs around the country must ensure that preschoolers are transported safely. Applicable Federal regulations for Head Start transportation will be explained as well as how they are met in practice. Experts will highlight allowed vehicles, child safety restraint system use, the challenges providers face, and how CPSTs can get involved in these critical programs.

Communications Track (as of 2/28/2022)

2-Wheeled or 2-Feet, Reaching Our Most Vulnerable Road Users

As pedestrian deaths have soared in recent years, research has shown how racial minorities are disproportionately affected. How do we reach these groups and tailor messages to prevent deaths in crashes?

Do you Snap? Tweet? IG? OMG, FB Is so Yesterday! Effective Use of Social Media in an Ever-Changing Landscape

Everyone is doing it! Why aren't you? Learn about innovative approaches that implement social media platforms to reach younger audiences.

Driving with Mary Jane. Impaired Driving: Where Do We Go From Here?

More states are legalizing marijuana. Many users do not see it as a traffic safety issue. Moreover, research shows drivers are getting behind the wheel after consuming both pot and alcohol. Speakers will focus on safety campaigns that address both marijuana and polysubstance use.

Getting Past the Pandemic: Traffic Safety Messages After COVID

The pandemic exacerbated long existing traffic safety problems such as speeding. Hear about new messaging tools and a program that has been successful in slowing down drivers.

Getting the Message Whether It's "Zoom" or in the Room

The pandemic has forced all of us to be more creative in reaching our communities. Explore how traffic safety professionals are adapting as some in-person interactions return while Zoom appears here to stay.

TikTok for Cops: Social Media & Law Enforcement

Take community outreach to a new level – be the latest TikTok rage! Learn how law enforcement and other emergency services teams are using evolving social media platforms to deliver traffic safety messaging.

What's the DL on AVs?

Drivers believe they can purchase a self-driving car but the reality is that currently there is no such thing in the consumer market. How do we help drivers understand the limitations of vehicle technology, what this technology actually does, and how it can make them safer behind the wheel?

Criminal Justice/Law Enforcement Track (as of 2/11/2022)

Action Plan for Improved CDL Enforcement & Masking Avoidance

What is "masking"? Why is masking an important issue, and how can it be avoided? Highlights from commercial driver's license (CDL) enforcement programs and the steps that should be taken to ensure compliance with Federal Regulations will be presented. Identification of challenges in handling CDL prosecutions and formation of innovative CDL Advisory Committees and CDL Outreach Projects will be discussed. Presenters will outline a path to educate prosecutors, law enforcement and traffic safety partners in any state to lower masking rates moving forward.

Behind Closed Doors: What Really Happens in a DWI Treatment Court?

DWI courts are critical for achieving the goals of eliminating traffic fatalities, reducing substance-impaired driving, and enhancing public health and safety. There are over 700 DWI courts in the U.S., many boast incredible completion rates, reductions in recidivism, and savings. Hear about what occurs behind closed doors to maintain fidelity to the model.

Constitutional Law Issues in Impaired Driving Cases: Managing the Investigation & Trial

Constitutional law issues are some of the most common challenges in impaired driving cases. Explore common issues officers face and allegations prosecutors must respond to involving the Fourth, Fifth and Sixth Amendments. Tips for avoiding common pitfalls and suggestions for effective responses will be addressed. Attendees will gain insight for avoiding conduct that will lead to constitutional law challenges and learn the importance of adding U.S. Supreme Court opinions to constitutional arguments in their states.

Not So Fast & Furious. Putting the Brakes on Street Racing & Drifting

Join a discussion about intelligence gathering and enforcement operations into illegal street racing and drifting. Examples from Minneapolis and surrounding suburban jurisdictions will provide tips on successful investigations into illegal street racing and drifting in Minnesota. Attendees will get a glimpse into this underground culture, the operations utilized, along with investigative best practices and challenges encountered.

Rollin' While You're Rollin'--Investigating the Latest "High" While Driving

Identify products and individuals who are seeking or using drugs or alcohol with reference to highway safety. Gain an understanding of the current ways of abuse, and the different terms that are consistent with abuse. Items commonly related to alcohol and drug mixing, drug seeking, over-the-counter drug abuse and drug concealment, along with much more, will be discussed and allow attendees to quickly identify alcohol and drug indicators of possible at-risk drivers, understand the current drug culture, and improve policies and procedures in their current position.

Technology & Traffic Safety Enforcement - Supporting Law Enforcement to Enhance Investigations & Outcomes

Hear about technology that allows officers to interact with data to acquire needed information, track and assess activities regarding ongoing projects, and create areas of collaboration and education that will streamline each stakeholder's contribution. Dashboards can be tailored to individual user needs and provide necessary information for enforcement officers, staff and analysts who assess and determine enforcement priorities, and to enhance analyses and statistical tracking to improve officer safety.

The Role of Traffic Safety in Creating Safer Roads & Stronger Communities

Traffic law enforcement saves lives, improves the quality of life in communities, and creates positive relationships on which law enforcement officers can engage in the communities they serve and deserves

increased priority within law enforcement agencies of all types and sizes. Hear from police leaders about innovative programs and activities that agencies across the country are using to engage the community to improve traffic safety. Attendees will take away new, innovative ideas that they can implement at their organizations.

We're All in This Together: Identifying Equitable Traffic Safety Measures

Across the U.S., the value of traffic enforcement is being questioned. Thoughtful and fair traffic enforcement to accomplish a traffic safety mission and the results of data collected separately by researchers examining whether biased policing practices occurred will be discussed. This research helped identify trends, training needs, and the development of the key performance indicators to monitor procedural justice behavior and provide the tools for traffic law enforcement programs to be successful.

Distracted Driving Track (as of 2/28/2022)

A Comprehensive Approach to Changing the Culture of Distracted Driving

Ending distracted driving will ultimately require a change in the driving culture. Cultural change is not easy, however, and a multi-faceted approach is required. This means that all approaches, from community-based grassroots efforts to national coalitions, have a role to play in ending distracted driving. These various approaches differ in their effectiveness for different audiences, and using multiple approaches therefore helps to reach all stakeholders, including teens, parents, teen influencers, and experienced drivers alike. This panel will present information on these various approaches and how they can complement one another to change the driving culture to one that is distraction-free.

Creating Better Distracting Driving Laws, A Law Enforcement Perspective

Distracted driving laws have evolved, but how? Can the way laws are written make a difference regarding enforcement and prosecution. Experts will provide specific examples of vague language, problematic exemptions, the challenge of addressing new technologies, and how states can overcome these challenges to develop more effective laws.

Distracted Driving 101: Incorporating Safe Driving in School Public Health Programs

Despite being in the top two causes of death for all age groups, traffic fatalities are under-addressed in most health education curricula. Distracted driving is a major cause of crashes that result in fatalities. A proactive approach to educating youth to make safe driving and riding choices is needed to reduce unintentional injuries and fatalities caused by distracted driving. Learn how to incorporate safe driving, access cost-free resources, and obtain funding to support your injury prevention efforts in your community.

Distracted Driving Among Teens, Latest Data & Solutions

Need some pointers about outreach and education for teen drivers and passengers? Are you aware of current data and possible solutions to the distracted driving crisis? Are you tired of hearing about all the data and nothing about what to do with it? Learn positive community norming strategies, tools, programs, and resources and how to replicate best practices using these data and solutions in your own community. Evidence-based strategies that cover the four primary types of distraction, Graduated Driver Licensing laws, seat belts, and much more will be shared.

Luke, I am Your Father, Don't Drive Distracted! Parental Influence on Teen Distracted Driving

Parents are the number one influencer of teens' driving attitudes and behaviors. Teens of parents who engage in distracted driving are much more likely to participate in distracted driving themselves. Strategies and evidence-based resources for engaging, educating, and empowering parents with the knowledge and tools they need to keep their teens (and everyone else!) safe on the roads will be highlighted. Participants will be able to use evidence-based resources in their local community and learn how to connect with other community champions to reach parents.

The National Distracted Driving Coalition Action Plan: Up Close and Personal

Meet the members of the National Distracted Driving Coalition. The coalition is comprised of leaders of multiple traffic safety organizations who have agreed to work together to devise a national action plan to address distracted driving through data, education, employer policies, legislation, and technologies.

Understanding the Science of Distracted Driving

Not all distractions are equal. The amount of time drivers engage in a distracting behavior plays a role, but so does the overall riskiness of the behavior. Discussion will focus on the different types of distraction (cognitive,

visual, manual) as it relates to prevalence and crash risk. Presenters will explain how and why research in this area has shaped distracted driving legislation that focuses on visual-manual distraction and whether new trends suggest a different focus is warranted.

Your Data Show What? How to Leverage New Data Sources to Combat Distracted Driving

Learn how to supplement crash data using observational surveys, telematics and driver surveys to build support for distracted driving initiatives. Take home ideas regarding how to use this information to educate, encourage action and build better state and local programs.

Impaired Driving Track (as of 2/28/2022)

Again & Again, Stopping Recidivism Among High-Risk Impaired Drivers

In 2019, there were over one million drivers arrested for DWI and 10,421 impaired driving traffic fatalities. Research tells us that 65% of the impaired driving population will never get another DWI while the 35% will recidivate. How do we determine who is most at risk to recidivate and how can we stop them from reoffending? Hear presenters discuss current strategies to combat impaired driving and reduce these tragic losses on our roadways.

From the Gavel to the Gravel: Judges & the Community Unite to Reduce Impaired Driving Recidivism

Judges are trained in the use of evidence-based pretrial, sentencing and supervision practices that help reduce recidivism in impaired driving cases, however, all stakeholders in the criminal justice system play an important role in promoting these best practices and reducing repeat impaired driving offenses. Judicial experts will discuss the latest evidence-based court practices and how prosecutors, law enforcement and probation officers can all promote better outcomes to reduce impaired driving recidivism.

Like a Fine Wine, or Is it? Impaired Driving & Aging Drivers

Impaired driving is not just a drunk or drugged driver. It can also include cognitively or physically impaired drivers. Hear how experts identified tools that quantify cognitive and physical impairment, described options to take when one of these is causing unsafe driving, and provided information to educate senior drivers to recognize signs so they could take action for their driving safety. Learn about approaches and outcomes, including sensitivity needed when balancing concern of the loss of independence with the need to save lives.

Maximizing Impaired Driving Data Analysis

Impaired driving data sets can be often incomplete due to lags in reporting of various supplemental data. Learn about available national datasets frequently used to determine the nature and extent of impaired driving in the U.S., including how to use this information, any limitations and improvement efforts underway.

Moving the Needle Back in the Right Direction, Countermeasures to Reduce Impaired Driving

Fatalities and serious injuries increased during the COVID pandemic, particularly regarding speed and impaired driving. Learn about current programs and strategies designed to reverse the current upward trend and reduce impaired driving behaviors among drunk and drugged drivers.

One Drug, Two Drugs...Red Drugs, Blue Drugs: Testing & Toxicology Challenges

Learn about current efforts to improve the understanding of the scope and prevalence of drug-impaired driving through improved toxicology testing, standardization, and data collection. New information on gaps, program needs and available resources will be presented highlighting the establishment of three Regional Toxicology Liaisons and 6-10 State Toxicology Stakeholder meetings. Efforts to increase coordination, collaboration, and testing of suspected impaired drivers for drugs other than alcohol will be discussed.

Special Population Groups: Younger Drivers

Learn about successful partnerships and programs using outreach, education, and strategies as a primary prevention tool to address underage drinking prevention and traffic safety among the younger driver population. Presenters will share an overview of their programs and strategies for engagement at the upperclassman and college settings. Presenters will also discuss ways they have expanded collaborative opportunities to broaden their prevention efforts.

The HEAT Program-Increasing Inclusion while Reducing Recidivism

This introduction to Habilitation Empowerment Accountability Therapy (HEAT), an Afro-centric, trauma-informed cognitive behavioral therapy, will provide an overview of the curriculum and how it has been implemented in Missouri to improve outcomes for Black men in treatment court. Attendees will hear about alternatives to clinical treatment and incarceration for high-risk Black males in the justice system.

Tragedies on Our Roadways. A Look at Risky Driving Behaviors from the Victim's Perspective: Victim Impact Panel

Victim Impact Panels (VIP) share first-hand accounts of the long-term effects of traffic deaths to create empathy and understanding and prevent future tragedies. Hear from victims and survivors of impaired driving, distracted driving, and red-light running incidents as they share their stories and learn about the evidence demonstrating the effectiveness of VIPs in reducing recidivism and benefitting clients.

Occupant Protection Track (as of 2/28/2022)

"Click It or..." Attempting to Improve Seat Belt Use Using Non-Enforcement Countermeasures

We know High Visibility Enforcement is an effective countermeasure that works to improve seat belt use. But what about approaches that don't rely on enforcement of laws? Learn about a social norming campaign that is improving seat belt use in rural areas of North Carolina and an outreach effort in Louisiana reaching Black and Indigenous People of Color (BIPOC) community members. In addition, learn about a dual message program focused on seat belts and distracted driving, Buckle Up Phone Down, that started in Missouri and is now utilized in 12 states.

Beyond "Buckle-Up" - Innovative Strategies to Increase Seat Belt Use

Several states across the country are implementing innovative programs to increase seat belt use. Hear about a promising program, High Five, that focuses on bringing together engineering, enforcement, education and evaluation to solve problems in low-belt-usage rural counties. Come and have a look at a GDL toolkit developed and used in Colorado to make teen travel safer and be among the first to hear about the new NHTSA Click it or Ticket campaign!

Ensure Your OP Programs Are at Peak Performance Using Data - Part 2

Let's go beyond counting traffic stops and citations issued to help measure impact and success. Learn how law enforcement agencies can add new insights into annual statewide observation survey results and how social media outlets can be used and monitored to measure interest and awareness of enforcement periods.

Fine Tuning Your OP Program with Data & Evaluation - Part 1

FARS data is just the tip of the iceberg. State highway safety offices and their partners should be making the most of sources such as state crash data, hospital data, and direct observation survey data. Learn the difference between data-driven and data-informed for impact-focused program planning and implementation.

Partnering with Your Community...Community-Oriented Policing for Improving Occupant Protection

One of the essential elements to promoting and providing equitable traffic safety, particularly occupant protection, is to maximize community interaction and involvement through a community policing philosophy. Discussion will focus on how law enforcement agencies may create opportunities to engage partners and community members in positive ways by building relationships, transparency, and trust with the community for a greater understanding about the importance of occupant protection.

Young at Heart: Motor Vehicle Safety in Our Golden Years

Securing and ensuring the safety of mature drivers in vehicles comes with a myriad of complexities. Hear about the development of strategies that are proven to ensure safety among mature travelers, increase seat belt usage and hear from experts about related research on this topic.

Pedestrian/Bicyclist Safety Track (as of 2/28/2022)

Biking Tour of Chicago

Join us for Lifesavers' first bicycle tour of the host city! Chicago is well known for being bike-friendly. Explore some of the city's iconic sights as tour leaders discuss the successes and challenges for improving bike riding. The terrain is flat and the pace is casual. The tour starts and ends at the Hyatt Regency Hotel, the venue of all conference activities. Meet in the lobby of the hotel's West Tower Lobby Entrance (street level). Bicycles and helmets will be provided. Participant cap: 20. Completed waivers required. Weather permitting.

Micromobility Transportation, A Roadmap to Safe Shared Space

The explosion of micromobility services, like shared e-bikes and e-scooters, in cities around the world has a direct impact on bicyclists and pedestrians. Join this discussion on who owns the rules and regulations and defines the space of micromobility, how companies share data, and the implications on safety in this shared space. Join a productive dialogue with the micromobility community that will provide examples of effective implementation approaches to the deployment of micromobility services to create and share sustainable, livable cities.

Pedestrian & Bicyclist Safety Education: Don't Reinvent the Wheel!

Prevention is key to reducing pedestrian and bicyclist injuries and fatalities on our nation's roadways. Whether you're an advocate for pedestrian and bicyclist safety, or work on state and local programs in public health, enforcement, transportation, or engineering, you will want to hear about the free resources that can be used to effectively promote pedestrian and bicyclist safety behaviors to target audiences. Learn about toolkits that can enable and guide you in addressing educational approaches to pedestrian and bicycle safety.

Pedestrian & Bicyclist Safety Is an Equity Issue

Walking and biking are the primary transportation means for a large segment of the population who cannot afford, do not have access to or are restricted from using other forms of transportation. A disproportionate rate of older adults, people of color, Indigenous people, and people residing in low-income communities are represented in fatal crashes involving people walking. Why is this important now? Can focusing on pedestrian and bicyclist inequities help us get to zero roadway fatalities? Learn what the data and research show and how designing communities for pedestrians and bicyclists makes for safer, more equitable, and accessible environments.

Prioritizing Biking & Walking: Shifting the Mode Share & Capitalizing on Pandemic Changes to Pave the Way

The COVID 19 pandemic has changed daily life on how, where, and when we travel. Many communities have focused more attention on bicyclist and pedestrian safety. These modes of transportation are often an afterthought in community transportation planning. Studies have shown that communities that prioritize bicycling and walking have positive social values, including improved health outcomes and low environmental impacts. Learn how to shift the paradigm away from auto-centric to building an accessible, equitable, and reliable transportation network that effectively serves all people and how the pandemic has helped paved the way for this shift.

Safe Systems Track (as of 2/28/2022)

A Safe System Approach to Protecting Child Road Users

Designing our roads, vehicles, and policies to protect our most vulnerable road users —children and teens — would include safety upgrades that benefit all road users. Discussions will include what does a Safe System Approach to child safety look like? What can we learn from our international counterparts? What are vehicle manufacturers doing to limit risks of death and injuries to youth inside and out of vehicles, and what more can and needs to be done?

A Safe System Approach: In the Real World

Want to adopt the Safe System Approach in your state or community but have no idea where to start? Join a dynamic group of panelists who will share what they are doing to move toward this new approach. Learn from real world examples and how road safety investments have been made in their states and communities, and how you can take their experience and use it in your hometown, city or state.

Coming to Your Neighborhood: The U.S. Acts on a Safe System Approach

In 2020, vehicle miles traveled and traffic volume were down, yet a dramatic spike in risky driving-related crashes, fatalities, and injuries were recorded. While the Safe System approach has been used in other countries, the U.S. is now turning to this comprehensive strategy to protect all road users. Join road safety and public health experts, including the Johns Hopkins Safe System Consortium and the National Transportation Safety Board (NTSB), as they discuss a call to action for a transition to the Safe System Approach to get us to zero.

Let's Get Real: We Can't Keep Doing the Same Things & Expect Different Results

Traffic crashes and fatalities are on the rise. As traffic safety professionals, we need to get the needle moving in the right direction. What's working? What countermeasures are we underutilizing? What's new and promising? Join our dynamic line-up of panelists to discuss pervasive traffic safety issues—speeding, belt use, drowsy, distracted and impaired driving—and how the Safe System Approach can help to identify solutions to address these deadly issues and prioritize their implementation.

The Safe System Approach 101

What is the Safe System Approach? How does a safe system approach differ from our current approach to road safety? Learn the actions needed to move toward a Safe System Approach, the impact of the recently passed infrastructure bill on safety, and what the U.S. DOT is doing to help the U.S. advance safe system upgrades. Localities and state DOTs can learn how to evolve their traffic safety plans to model this approach.

Vehicle Safety: A Critical Component of a Safe System Approach

The human body has a limited physical ability to tolerate crash forces. Road safety is a shared responsibility and all parts of the system must be strengthened so that if one part fails, road users are still protected. It is no surprise that safe vehicles are an integral part of this approach. Join an interactive discussion about vehicle design and the promise of currently available technology. Learn about the need to make proven safety technology standard on all vehicles, ensure crash avoidance technology responds to all road users, and why this is a necessary step toward a future with autonomous and connected vehicles.

Vehicle Technologies/Automated Driving Track (as of 2/28/2022)

Are States & Localities Ready for Connected, Automated & Electric Vehicles?

How are states preparing for the future of connected and automated vehicles? Infrastructure planning spans multiple years before implementation. Who is getting ready and how? Is there something we can use to measure and assess readiness? What additional considerations are there for rural communities when preparing for connected, automated, and electric vehicles? Infrastructure for all of these is significantly different from urban and suburban communities. Be a part of this discussion and find out what possibilities and challenges lie ahead regarding these vehicles.

Does That Vehicle See Me? Pedestrians & Vulnerable Road Users

Fatalities among vulnerable road users remain alarmingly high with 6,205 pedestrians killed on U.S. roadways in 2019 alone. With recent advancements in sensor technologies that can now detect pedestrians, and soon others like pedalcyclists, the potential benefits of automatic emergency braking are expanding. Learn about the challenges and successes in development of the sensors specific for vulnerable road users.

Look Who's Talking Now: Leveraging Transportation System Data for Real Time Communications

While benefits will be greatly expanded when widespread deployment of automated vehicles becomes a reality, vehicle-to-everything (V2X) communications still has applications in today's transportation system to ease congestion and idling, reduce carbon emissions, and increase the safety and efficiency of traffic systems. Discussions will include how leveraging traffic management system data in real time and combined traffic monitoring with V2X technology can connect and optimize information on traffic patterns, traffic lights, other vehicles, and emergency responders, as well as pedestrians and bicyclists, to communicate relative position, speed, and intended movements.

One Size Does Not Fit All: Transportation Equity in the 21st Century

Join the discussion on transportation, mobility, and new vehicle technologies and how we can ensure equity with respect to expanding access and improving safety for all. Hear about crash protection for all ages, how to tailor educational programs regarding crash avoidance to all drivers, and how vehicle technology is evolving to be more equitable and accessible.

Vehicle Technology: What Should the 21st Century State Motor Vehicle Code Look Like?

Vehicle technology across all levels of automation is pushing the envelope for a motor vehicle code developed when only humans controlled the car. Even with Level 2 driver-assistance technology, law enforcement and prosecutors may encounter situations not addressed by the current code. Are current laws sufficient to regulate remote operators or fully automated systems, especially when they are carrying minors or people who cannot protect themselves? Can you charge a remote operator with drunk driving? This panel will address the intersection of vehicle technology and traffic laws to identify the changes that may be necessary to address these issues and to prepare for new issues that develop when vehicle technology plays a role in vehicle operation.

What Are You Looking At? The Importance of Driver Monitoring

With increasing demands for attention from portable devices, infotainment systems, and in-vehicle technologies, keeping drivers engaged in the driving task is a challenge. Add to that a combination of complacency or misunderstanding the capabilities of a driver assistance system and there are many opportunities for error. Learn how driver monitoring systems can ensure that drivers eyes are on the road and they are sufficiently engaged in the driving task.

You Say Potato, I say Potahto. Can't We All Just Have a Common Nomenclature?

Consumer acceptance and proper usage of vehicle technologies is greatly influenced by their understanding of what each system can do and what the role of the driver is when the system(s) is(are) enabled. A common nomenclature that is intuitive can help clear the confusion. Panelists will discuss efforts to develop a common nomenclature and highlight consumer-facing campaigns including the National Safety Council's "MyCarDoesWhat?" program.