



**TOWARD  
ZERO  
DEATHS**

16th ANNUAL STATEWIDE CONFERENCE FOR TRAFFIC SAFETY STAKEHOLDERS

# 2019 TZD CONFERENCE

**October 23–24, 2019**

**St. Cloud River's Edge Convention Center  
St. Cloud, Minnesota**

**[www.MinnesotaTZD.org](http://www.MinnesotaTZD.org)**

**Offered by:**  
Minnesota Toward Zero Deaths Program and Minnesota Departments of Public Safety, Transportation, and Health with funding from the National Highway Traffic Safety Administration

**Hosted by:**  
Center for Transportation Studies,  
University of Minnesota

Photo courtesy Visit Greater St. Cloud

# CONFERENCE SPONSORS

Offered by:



With funding from the National Highway Traffic Safety Administration.

Additional sponsorship received from:

Silver



Bronze



Hosted by:

CENTER FOR  
TRANSPORTATION STUDIES

UNIVERSITY OF MINNESOTA

Facilitated by:

College of Continuing  
& Professional Studies

UNIVERSITY OF MINNESOTA

## Mark Your Calendar

2020 Minnesota TZD Conference

October 20–21, 2020

Duluth Entertainment Convention Center

Duluth, MN

## 2020 TZD Stakeholder Breakfasts

Join in-person or live via the web

[www.minnesotatzd.org/events/breakfasts](http://www.minnesotatzd.org/events/breakfasts)



# GENERAL INFORMATION

**Welcome to the 2019 Toward Zero Deaths Conference!** This conference provides a forum for sharing information on best practices in engineering, enforcement, education, and emergency medical and trauma services. Discover and engage with new approaches in reducing the number of traffic fatalities and life-changing injuries on Minnesota roads.

## Guidebook Mobile App



Download the mobile app today! Scan the following image using Guidebook's QR Code reader or access the guide via a mobile site: <https://guidebook.com/g/2019tzd/>



## Social Media



@MNTZD and #mntzd2019



facebook.com/MNTZD

## Wi-Fi

Network: Rivers Edge  
Username: Rivers Edge (case sensitive)  
Password: 0701201804

## Exhibit Information

The exhibit space will be open on Wednesday, October 23 from 7:00 a.m. to 5:30 p.m. in Terry Haws C.

## Reception

The conference reception will be held on Wednesday, October 23 from 4:30 to 5:30 p.m. in Terry Haws C. Enjoy hors d'oeuvres, visit the exhibitors, and network with other conference participants. All are welcome!

## Post-Conference Materials

PowerPoints and handouts presented at the conference will be posted to the TZD website: [minnesotatzd.org](http://minnesotatzd.org).

## Conference Credit

Credit forms are on the TZD website and in the Guidebook mobile app. Print and keep each form for your records as well as the final program and any handouts from these sessions.

### Child Passenger Safety (CPS)

Sessions 4, 12, 20, 28 will receive 1.5 CPS CEUs for each session. The Safe Travel for All Children preconference event is approved for 11.5 CPS CEUs.

### Continuing Legal Education (CLE)

Attend the opening plenary session on October 23 and concurrent sessions 5-6, 13-14, and a combination of the following sessions: 21, 22, or 24; 29, 30, or 31; 37, 38, or 39 to receive 7.5 CLE credit hours.

### Emergency Medical and Trauma Services (EMS)

Attend both plenary sessions and concurrent sessions 2, 10, 18, 26, and 34 to receive up to 8.5 EMS CEUs.

### Peace Officer Standards and Training (POST)

Earn up to 15 hours of POST credit on preconference events and up to 9 hours of Post credit during the conference.

### Professional Development Hours (PDH)

Earn up to 9.5 professional development hours.

### MONDAY, OCTOBER 21, 2019

8:00 a.m.–4:30 p.m. **Safe Travel for All Children—CPS Training (separate registration required)** Sauk Rapids Fire Department

### TUESDAY, OCTOBER 22, 2019

8:00 a.m.–4:30 p.m. **Safe Travel for All Children—CPS Training (separate registration required)** Sauk Rapids Fire Department

10:00 a.m.–4:00 p.m. **Marijuana in Minnesota: From the Street to the Pharmacy (separate registration required)** University B–Kelly Inn

1:00–5:00 p.m. **Standard Field Sobriety Testing (SFST)/DWI Update Training (separate registration required)** Sunwood/State–Kelly Inn

2:00–5:00 **Traffic Incident Management for Emergency Responders (separate registration required)** University A–Kelly Inn

4:00–6:00 **Participant Registration and Exhibitor Setup** River's Edge Lobby

5:30–6:30 **Law Enforcement Grantee Meeting** University B–Kelly Inn

6:00–8:00 **Minnesota Child Passenger Safety Taskforce (by invite only)** State Room–Kelly Inn

6:30–8:00 **Point of Impact Teen Driver Safety Parent Awareness Program (separate registration required)** St. Cloud Police Department

### WEDNESDAY, OCTOBER 23, 2019

7:00–8:30 a.m. **Registration** River's Edge Lobby  
**Continental Breakfast and Exhibits** Terry Haws C

8:30–9:45 **Welcome and Opening Remarks | Opening Plenary: Celebrating Hands-Free 2019** Terry Haws A & B

10:00–11:15	<b>Session 1</b> Hashtags, Podcasts, and Snapchat— Oh, My!	<b>Session 2</b> Crushes and Crinkles: Decoding Crash Damage to Make Confident Destination Choices	<b>Session 3</b> New Crash Analysis Tools: Guiding Safety Investments	<b>Session 4</b> Meet the CPS Manufacturers
	Swisshelm/Whitney	University A–Kelly Inn	University B–Kelly Inn	Mitchell-Schilpin

11:30–noon **Luncheon** Terry Haws A & B

Noon–1:00 p.m. **Agency Commissioners' Comments and Awards Ceremony** Terry Haws A & B

1:00–1:30 **Break and Exhibits** Terry Haws C

1:30–2:45	<b>Session 9</b> Teen Toward Zero Deaths Student Impact on Community Awareness	<b>Session 10</b> Stop the Bleed	<b>Session 11</b> Planning for Pedestrians and Bicyclists	<b>Session 12</b> Lock It, Switch It, Hook It
	Swisshelm/Whitney	University A–Kelly Inn	University B–Kelly Inn	Mitchell-Schilpin

2:45–3:15 **Break and Exhibits** Terry Haws C

3:15–4:30	<b>Session 17</b> Trucks, Trains & Traffic Safety	<b>Session 18</b> The Risk in Emergency Response	<b>Session 19</b> Safety Treatments: How Are They Working?	<b>Session 20</b> CPS Fact or Fiction
	Weidner	University A–Kelly Inn	University B–Kelly Inn	Mitchell-Schilpin

4:30–5:30 **Reception** Terry Haws C

### THURSDAY, OCTOBER 24, 2019

7:00–8:00 a.m. **Buffet Breakfast** Terry Haws A & B

8:00–9:00 **Plenary Session: Post-Traumatic Growth: Turning Trauma into Action** Terry Haws A & B

9:15–10:30	<b>Session 25</b> Top 10 Questions on Autonomous Vehicles—and More!	<b>Session 26</b> Time-Critical Care	<b>Session 27</b> Mini-Roundabouts	<b>Session 28</b> CPS Jeopardy
	Weidner	University A–Kelly Inn	University B–Kelly Inn	Mitchell-Schilpin

10:30–10:45 **Break** Riverview Commons

10:45–noon	<b>Session 33</b> Walk, Bike, Fun!	<b>Session 34</b> Granny! Where Is Your Helmet? Why Older Adults Riding Motorcycles Are at Risk of Death	<b>Session 35</b> Safety Evaluation Tools	<b>Session 36</b> CPS Cultural Awareness
	Weidner	University A–Kelly Inn	University B–Kelly Inn	Mitchell-Schilpin

Noon **Adjourn**



Share Your Thoughts  
@MNTZD or #mntzd2019



facebook.com/MNTZD



Download Guidebook  
and search for TZD





<b>Session 5 &amp; 6</b> Tall Cop High in Plain Sight: Drug-Impaired Driving Trends and Concealment  <b>Herberger Suite</b>	<b>Session 7</b> Engaging with New Communities to Improve Traffic Safety  <b>Bell/Alexander</b>	<b>Session 8</b> Changing Driving Culture with “Stop for Me” Pedestrian Campaign  <b>Weidner</b>
---	--	---



<b>Session 13 &amp; 14</b> Tall Cop Marijuana Potency and Impairment Through Blazing, Smoking, and Vaping  <b>Herberger Suite</b>	<b>Session 15</b> Emergency Responders: Proactive Partners in Prevention  <b>Bell/Alexander</b>	<b>Session 16</b> Solutions for Keeping Aging Drivers Safely on the Road  <b>Weidner</b>
---	--	---

<b>Session 21</b> Nonimpaired Driving Complaints: From Roadside Investigations to Driver Evaluations <b>Edelbrook/Clarke</b>	<b>Session 22</b> Marijuana DWI: Is That a Thing? <b>Herberger Suite</b>	<b>Session 23</b> Your TZD: A Listening Session <b>Bell/Alexander</b>	<b>Session 24</b> Courtroom Skills <b>Swisshelm/Whitney</b>
--	--	---	---



<b>Session 29</b> The Medicinal Application of Marijuana: What’s Legal and What’s Not <b>Herberger Suite</b>	<b>Session 30</b> How to Prove Impairment in a DWI Trial <b>Edelbrook/Clarke</b>	<b>Session 31</b> Sharing the Priorities for the Strategic Highway Safety Plan <b>Bell/Alexander</b>	<b>Session 32</b> Traffic Management from the Air <b>Swisshelm/Whitney</b>
--	--	--	--

<b>Session 37</b> eCharging Update  <b>Edelbrook/Clarke</b>	<b>Session 38</b> Reconstructing Fatal Crashes Involving Impaired Drivers: Building Your Case After Leaving the Scene <b>Herberger Suite</b>	<b>Session 39</b> Legal Update  <b>Swisshelm/Whitney</b>	<b>Session 40</b> Flipping the Pyramid: Policies and Practices to Decrease Alcohol-Related Crashes <b>Bell/Alexander</b>
--	--	---	--



# 2019 TOWARD ZERO DEATHS CONFERENCE

River's Edge Convention Center–October 23–24, 2019

## EXHIBITOR LIST

### AAA The Auto Club Group

Mark Peterson  
mapeterson@mn-ia.aaa.com

### Bolton & Menk, Inc.

Kelly Meyers  
kellyme@bolton-menk.com

### Chicco

Courtney Barry  
chiccocps.usa@artsana.com

### Child Passenger Task Force

Sheila Denton  
sheila.denton@scmnems.org

### eCharging

Michael Asleson  
mike.asleson@state.mn.us

### Eckberg Lammers

Joseph VanThomme  
jvanthomme@eckberglammers.com

### Emergency Automotive Technologies, Inc.

Mitch Paquin  
MitchP@eatimn.com

### Goodbaby International

Sarah Haverstick  
sarah.haverstick@evenflo.com

### Guardian Fleet Safety

Luke Sarnicki  
luke@guardianfleetsafety.com

### Hennepin Healthcare - HCMC

Karie Pearce  
karie.pearce@hcmcd.org

### Hiway Federal Credit Union

Mark Hodowanic  
mhodowanic@hiway.org

### Intoxalock

Mark Dempsey  
mdempsey@intoxalock.com

### Intoximeters

Tim Brewer  
tbrewer@intox.com

### KidsEmbrace

Tony Jerisha  
tonyj@kidsembrace.com

### Kustom Signals, Inc.

Robin Jess  
rjess@kustomsignals.com

### Life Link III

Kaitlyn Roach  
kbroach@lifelinkiii.com

### LifeSafer Ignition Interlock

Kelly Atchison  
kelly.atchison@lifesafers.com

### Mayo Clinic

Nick Pochardt  
Pochardt.Nicholas@mayo.edu

### Minnesota Alliance on Crime

Amea Krofuss  
amea@mnallianceoncrime.org

### Minnesota Department of Public Safety, Bureau of Criminal Apprehension

Jeff Schwiesow  
jeff.schwiesow@state.mn.us

### Minnesota Department of Public Safety, Driver & Vehicle Services/DPS Ignition Interlock Vendor Oversight

Jacob Seys  
jacob.seys@state.mn.us

### Minnesota Department of Public Safety, Office of Traffic Safety

Gordy Pehrson  
gordy.pehrson@state.mn.us

### Minnesota Department of Transportation Office of Aeronautics

Katie Gilmore  
katrina.gilmore@state.mn.us

### Minnesota Department of Transportation Office of Human Resources

Lena Garcia  
lena.garcia@state.mn.us

### Minnesota Department of Transportation Office of Research & Innovation

Katie Fleming-Vogl  
katie.fleming@state.mn.us

### Minnesota Department of Transportation Office of Traffic Engineering

Lesla Monroe  
lesla.monroe@state.mn.us

### Minnesota DRE

Lt. Don Marose  
don.marose@state.mn.us

### Minnesota EMS for Children Program

Kjelsey Polzin  
kjelsey.polzin@childrensmn.org

### Minnesota Network of Employers for Traffic Safety

Lisa Kons  
lisa.kons@minnesotasafetycouncil.org

### Minnesota Operation Lifesaver

Sheryl Cummings  
mnoperationlifesaver@gmail.com

### Minnesota State Patrol

Eric Micek  
eric.micek@state.mn.us

### Minnesota Wild

Alena Jasinski  
ajasinski@wild.com

### Mothers Against Drunk Driving

Rahya Iliff  
rahya.iliff@madd.org

### Motorcycle Dial-A-Ride

Duane Tchida  
lischeid@msn.com

### MPH Industries

Eric Ruud  
elruud@mphindustries.com

### Northland Chapter of ATSSA

Reed Leidle  
reed@safetysigns-mn.com

### North Memorial Health

Rob Pearson  
rob.pearson@northmemorial.com

### Nuna

Bob Wall  
bob.wall@nunababy.com

### ProPhoenix Public Safety Software

Jim Hendrickson  
jim.hendrickson@prophoenix.com

### Regions Hospital

Heidi Altamirano  
heidi.m.altamirano@healthpartners.com

### Stearns County DRE

Kellan Hemmesch  
kellan.hemmesch@co.stearns.mn.us

### Street Smart: Safer, Smarter, Work Zones

Brady Markell  
bmarkell@streetsmartrental.com

### TZD Regions

Kristine Hernandez  
kristine.hernandez@state.mn.us

### WatchGuard Video

Steve Doble  
steve@ts4le.com

### Whizrider

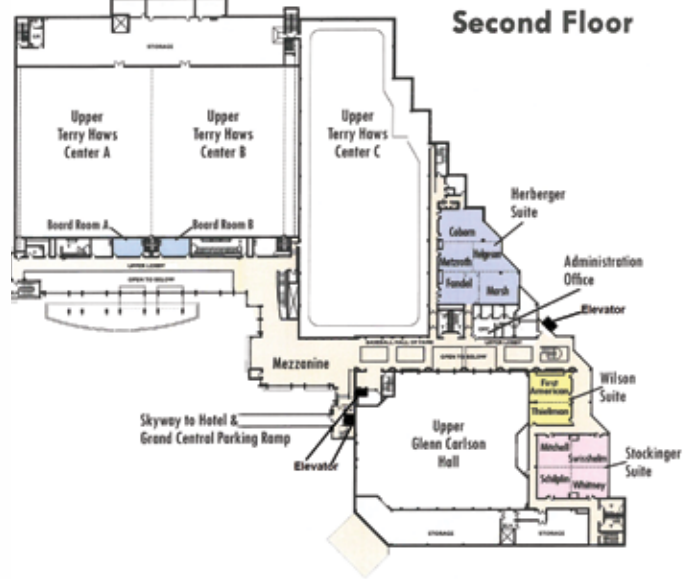
Paul Albright  
paul.albright@whizrider.com

# 2019 TOWARD ZERO DEATHS CONFERENCE

River's Edge Convention Center—October 23–24, 2019

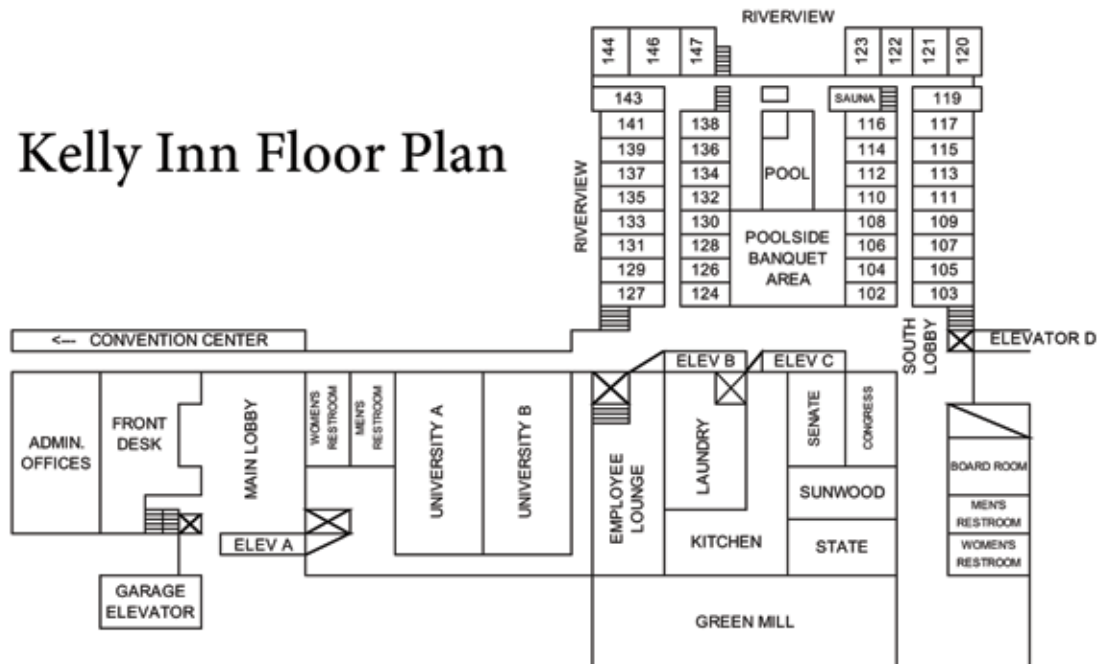
## FLOORPLANS

### RIVERS EDGE



### KELLY INN

## Kelly Inn Floor Plan



# 2019 PROGRAM SCHEDULE

## MONDAY, OCTOBER 21

### PRECONFERENCE TRAINING

#### 8:00 a.m.–4:30 p.m. **Safe Travel for All Children—CPS Training**

“Safe Travel for All Children: Transporting Children with Special Health Care Needs” is designed to serve as an enrichment training for Child Passenger Safety technicians who are interested in learning more about special-needs transportation. The two-day training combines classroom lectures and discussions with hands-on exercises, including interactions with families.

*Approved for 11.5 CPS CEU credits and 15 POST Credits*

Sauk Rapids Fire Department  
408 North Benton Drive  
Sauk Rapids, MN 56379

## TUESDAY, OCTOBER 23

### PRECONFERENCE TRAINING

#### 8:00 a.m.–4:30 p.m. **Safe Travel for All Children—CPS Training**

“Safe Travel for All Children: Transporting Children with Special Health Care Needs” is designed to serve as an enrichment training for Child Passenger Safety technicians who are interested in learning more about special-needs transportation. The two-day training combines classroom lectures and discussions with hands-on exercises, including interactions with families.

*Approved for 11.5 CPS CEU credits and 15 POST Credits*

Sauk Rapids Fire Department  
408 North Benton Drive  
Sauk Rapids, MN 56379

#### 10:00 a.m.–4:00 p.m. **Marijuana in Minnesota: From the Street to the Pharmacy (University B–Kelly Inn)**

The medical application of marijuana program in Minnesota has grown since its inception in 2014. More people are seeking marijuana for their afflictions, and more qualifying conditions are being considered every year. Additionally, recreational marijuana is on the horizon and will likely become law in Minnesota sooner rather than later. Where does this leave law enforcement? This class will discuss the different types of marijuana, the impairing indicators of these various types, and how law enforcement will need to change to address the future of marijuana in Minnesota.

*Approved for 6 POST credits*

#### 1:00–5:00 p.m. **Standard Field Sobriety Testing (SFST)/DWI Update Training (Sunwood/State Room–Kelly Inn)**

Explore the newest and most relevant court cases affecting law enforcement procedures, the ever-changing DWI law, tips on solidifying your DWI case, and a review of SFST skills and techniques—perfect for those who have already attended the full SFST course. Free to attend.

*Approved for 4 POST credits*



# 2019 PROGRAM SCHEDULE

- 2:00–5:00 p.m.** **Traffic Incident Management for Emergency Responders** (University A–Kelly Inn)  
Motor vehicle-related incidents continue to be a leading cause of traumatic death for firefighters, police, and EMS responders. Learn best practices to make a highway scene safer for the victims, responders, and the motoring public.  
*Approved for 3 POST Credits*
- 4:00–6:00 p.m.** **Participant Registration and Exhibitor Setup** (River’s Edge Lobby)
- 5:30–6:30 p.m.** **Law Enforcement Grantee Meeting** (University B–Kelly Inn)  
Now that the hands-free law has been in effect since August 1, 2019, attendees will hear from their peers about successes and challenges of specific enforcement tactics in both Greater Minnesota and the metro area. A new year also brings new pots of federal money. For federal fiscal year 2020, there are significant changes in agency match requirements and the allocation of federal dollars to the enforcement grant program. Attendees will learn about the new funds and how they can be used. The 2020 enforcement grantees are required to attend if they are attending the conference.
- 6:00–8:00 p.m.** **Minnesota Child Passenger Safety Taskforce Meeting** (State Room–Kelly Inn)  
This meeting is for state CPSTaskforce members, by invite only.
- 6:30–8:00 p.m.** **Point of Impact (POI) Teen Driver Safety Parent Awareness Program**  
St. Cloud Police Department, 101 11th Ave. N.
- See a live demonstration of the POI program with parents and teens.  
Seating is limited to 100. Priority given to teens, parents of teens, and driver educators.

## WEDNESDAY, OCTOBER 23

- 7:00–8:30 a.m.** **Registration** (River’s Edge Lobby), **Continental Breakfast, and Exhibits** (Terry Haws C)
- 8:30–9:45 a.m.** **Welcome and Opening Remarks** (Terry Haws A & B)  
*Brian Sorenson*, Minnesota TZD Program Co-Chair, and State Traffic Engineer, Office of Traffic Engineering, Minnesota Department of Transportation; *Mike Hanson*, Minnesota TZD Program Co-Chair, and Director, Office of Traffic Safety, Minnesota Department of Public Safety
- Opening Plenary**  
**Celebrating Hands-Free 2019**  
August 1, 2019, marked a significant day in history for the traffic safety community in Minnesota. Listen to the authors of the new hands-free bill and the family members who turned their tragedy into action through a grassroots, citizen-led effort. Learn about the creative campaign to educate Minnesotans on what “hands-free” means, the challenges law enforcement has encountered, and future implications from the new law.

# 2019 PROGRAM SCHEDULE

10:00–11:15 a.m.

## Concurrent Sessions

### 1 Hashtags, Podcasts, and Snapchat—Oh My! (Swisshelm/Whitney Room)

#### Moderator

*Jen Longaecker*, Office of Communications, Minnesota Department of Public Safety

#### Speakers

*Officer Kiel Rushton and Capt. Jeff Spiess*, St. Anthony Police Department; *Sheryl Cummings*, Minnesota Operation Lifesaver; *Ben Thul*, Twin Cities Road Crew Representative

New initiatives are on the horizon from the national, state, and local levels to reach younger drivers in innovative ways. Data show that watching traditional television has waned, while smartphone applications and digital usage have exploded for youth and new drivers. Learn from Operation Lifesaver and the Saint Anthony Police Department about a variety of social media campaigns. Consideration will be given to the unique challenges involving community engagement in today's social climate, centering on modern policing and more.

### 2 Crushes and Crinkles: Decoding Crash Damage to Make Confident Destination Choices (University A–Kelly Inn)

#### Moderator

*James Levi*, Children's Minnesota

#### Speaker

*Dr. David Hirschman*, Children's Minnesota

Mechanism of Injury is often referred to when assessing MVC patients. A closer look at damage can often lead to better decisions about transporting pediatric patients.

### 3 New Crash Analysis Tools—Guiding Safety Investments (University B–Kelly Inn)

#### Moderator

*Lesa Monroe*, Office of Traffic Engineering, Minnesota Department of Transportation

#### Speakers

*Lyndon Colebrook-Robjent*, Carver County; *Chris Chromy and Bryan Nemeth*, Bolton & Menk, Inc.

Use of crash data to drive safety investments is a wise use of resources. This session will include Carver County's data-driven crash analysis tool that identifies crash issues and trends based on available crash data and prioritizes roadway safety system investments. Speakers will also discuss the new MnDOT CrashMART (Crash Mapping, Analysis and Reporting Tool), which allows MnDOT users to view, filter, and download ten years of crash data to better inform where to implement safety investments.

# 2019 PROGRAM SCHEDULE

## 4 Meet the Manufacturers (Mitchell/Schilpin Room)

### Moderator

*Officer Jill Lundquist, Sartell Police Department, CPS Taskforce*

### Speakers

*Sarah Haverstick, Goodbaby International (Evenflo/CYBEX); Sarah Tilton, BRITAX Child Safety, Inc.; Courtney Barry, Chicco; Bob Wall, Nuna; Tony Jerisha, KidsEmbrace; Paul Albright, WhizRider*

Meet the manufacturers and get updated product information. You are invited to meet the panel of child restraint manufacturers, large and small, as they showcase their newest car seats, changes to established products, and the latest injury-prevention technology. *Approved for 1.5 CPS CEU credits*

## 5 & 6 High in Plain Sight: Drug-Impaired Driving Trends and Concealment (Herberger Suite)

### Moderator

*Lt. Don Marose, Minnesota State Patrol, Minnesota Department of Public Safety*

### Speaker

*Jermaine Galloway, Tall Cop Says Stop*

He's back! Join the Tall Cop as he highlights changes in today's drug trends, the effects on drivers and others, and indicators that can be found on roadways and upon first contact through street-level stories and examples provided by traffic officers. He'll also review new stash clothing items and products associated with today's drug culture with a focus on opioids, "the friends of opioids," stimulants, hallucinogens, and marijuana.

## 7 Engaging with New Communities to Improve Traffic Safety (Bell/Alexander Room)

### Moderator

*Gina Baas, Center for Transportation Studies, University of Minnesota*

### Speakers

*Kathy Quick, Humphrey School of Public Affairs, University of Minnesota; Tom Nixon, TZD Regional Director, East Central*

This session will share strategies and examples of public engagement with new (or nontraditional) communities. Hear about a recently completed project that developed tools for stronger community engagement, as well as recent connections in the East and West Central regions of our state with the Amish community, to improve traffic safety.

## 8 Changing Driving Culture with "Stop for Me" Pedestrian Campaign (Weidner Room)

### Moderator

*John Maczko, SRF Consulting Group*

### Speakers

*Sgt. Kathleen Brown and Cmdr. Jeremy Ellison, Saint Paul Police Department; Dr. Nichole Morris, University of Minnesota; Kevin Gallatin, Chair of the Highland District Council Transportation Committee*

Pedestrian deaths and injuries represent a growing percentage of all traffic fatalities and serious injuries, and they are at a 25-year high nationally. "Stop for Me" has been a community-driven, grassroots effort with Saint Paul police to bring awareness, education, and enforcement to the issue of pedestrian safety. Study results, implications, and practical findings will be discussed.

# 2019 PROGRAM SCHEDULE

11:30–noon

**Luncheon** (Terry Haws A & B)

Noon–1:00 p.m.

**Agency Commissioners' Comments and Awards Ceremony** (Terry Haws A & B)

1:00–1:30 p.m.

**Break and Exhibits** (Terry Haws C)

1:30–2:45 p.m.

**Concurrent Sessions**

**9 Teen Toward Zero Deaths: Student Impact on Community Awareness**  
(Swisshelm/Whitney Room)

**Moderator**

*Holly Kostrzewski, TZD Program Director, Northeast Region*

**Speakers:**

*Rosaline Groven and Heidi Carlson, coadvisors, Lincoln High School Key Club; Elaina Ballard, Annika Christensen, Kyri Christensen, Ivy Wiggs (student speaker), and Cindy Li, Lincoln High School students*

Teenagers admit it is often more comfortable to listen to their friends than to their parents when talking about critical issues, and traffic safety is no different. Attendees will learn how a local group of teens put together a first-ever Teen TZD Summit in northern Minnesota that also included career exploration within the “Four E’s.”

**10 Stop the Bleed** (University A–Kelly Inn)

**Moderator**

*Tami Bong, Central Minnesota Regional Trauma Advisory Committee*

**Speaker**

*Sara Stolt, Central Minnesota Regional Trauma Advisory Committee*

Traumatic injuries can happen anywhere at any time: Do you know what to do in those critical seconds? To prepare yourself to assist injured people following a traumatic event, attend this session. Stop the Bleed is a national awareness campaign and call-to-action intended to cultivate grassroots efforts that encourage bystanders to become trained, equipped, and empowered to help in a bleeding emergency before professional help arrives.

**11 Planning for Pedestrians and Bicyclists** (University B–Kelly Inn)

**Moderator**

*John Maczko, SRF Consulting Group*

**Speakers**

*Carissa McQuiston, Safety Programs Unit, Michigan Department of Transportation; Hannah Pritchard, Office of Transit & Active Transportation, Minnesota Department of Transportation; Sonja Piper, Office of Traffic Engineering, Minnesota Department of Transportation; Maria Donnelly, HNTB*

Walking and biking are common modes of transportation for many Minnesotans. But how do we accommodate them safely? Learn from real-world examples of how to incorporate nonmotorized elements and treatments into projects.



# 2019 PROGRAM SCHEDULE

## **12 Lock It, Switch It, Hook It** (Mitchell/Schilpin Room)

### **Moderator**

*Allison Nicolson*, Essential Health - St. Mary's Hospital

### **Speaker**

*Sarah Tilton*, BRITAX Child Safety, Inc.

Built-in locking mechanisms to precrash lock vehicle seat belts when installing a car seat have become very popular in products currently available at retail. Rebound management technology built in to car seats is an ever-growing feature in the current market. Are you confused about how to use these mechanisms or the purpose of these features? This presentation will help with the basic identification and understanding use of pre-crash locking and rebound management features with car seats. *Approved for 1.5 CPS CEU credits*

## **13 & 14 Marijuana Potency and Impairment Through Blazing, Smoking, and Vaping** (Herberger Suite)

### **Moderator**

*Lt. Don Marose*, Minnesota State Patrol, Minnesota Department of Public Safety

### **Speaker**

*Jermaine Galloway*, Tall Cop Says Stop

The Tall Cop will explore marijuana waxes and oils, new "weed" products, and marijuana strains and their effects on drivers. Learn about popular new drug vapes (not just for marijuana use), edible products, and cannabinoids and their accessibility, along with drug identifiers and stash compartments.

## **15 Emergency Responders: Proactive Partners in Prevention** (Bell/Alexander Room)

### **Moderator**

*Tom Nixon*, East Central TZD Regional Coordinator

### **Speakers**

*Kristi Engelstad*, FM Ambulance; *Julie Philbrook*, RN, DNP, Hennepin Healthcare; *Dr. Nichole Morris*, University of Minnesota HumanFIRST Laboratory

Like many diseases, traffic-related trauma is preventable and frequently predictable. By treating it as a disease, traffic safety advocates can work to develop ideas for education and interventions that could potentially reduce the impact and incidence of traffic-related trauma and deaths. This session has three topics for attendees to learn how to replicate preventive efforts in their own home areas.

## **16 Solutions for Keeping Aging Drivers Safely on the Road** (Weidner Room)

### **Moderator**

*Lisa Kons*, Minnesota Safety Council

### **Speakers**

*Jennifer Fischer*, Courage Kenny Rehabilitation Institute, part of Allina Health; *Jay Haapala*, Associate State Director, Community Engagement, AARP; *Catherine Sullivan*, College of St. Catherine

This interactive session will provide an opportunity to learn about innovative ideas, proven programs, and best practices for addressing how aging and medical conditions can affect driving; older driver safety discussions with family members; additional behind-the-wheel training options; and much more. Educational and training opportunities that meet the needs of older drivers and extend safe driving years will also be provided.

# 2019 PROGRAM SCHEDULE

2:45–3:15 p.m.

**Break and Exhibits** (Terry Haws C)

3:15–4:30 p.m.

**Concurrent Sessions**

**17 Trucks, Trains & Traffic Safety** (Weidner Room)

**Moderator**

*Sheryl Cummings*, Minnesota Operation Lifesaver

**Speakers**

*Cpt. Jon Olsen*, Minnesota State Patrol, Minnesota Department of Public Safety;  
*Julie Witcher*, Office of Freight and Commercial Vehicles, Minnesota Department of Transportation,

Commercial vehicles are overrepresented nationally both in work zone crashes as well as in crashes with trains. This session will discuss public safety tactics and outreach tools that can be used with regard to trains and commercial vehicle's interaction with motorists and pedestrians. With the disproportionate number of train collisions that occur at crossings already equipped with some type of active warning or traffic control device, this session will provide insight about the new emergency notification system as well as the roles law enforcement and education play in mitigating these incidents.

**18 The Risk in Emergency Response** (University A–Kelly Inn)

**Moderator**

*Tom Nixon*, East Central TSD Regional Coordinator

**Speaker**

*Kimberly Schlau*, UHL Sisters Foundation

A session for anyone using the road. The decisions you make behind the wheel matter. This presentation will cover the events of the day Kim Schlau's two oldest daughters, Jessica and Kelli, were killed by an Illinois State Trooper driving at high speed to a low-priority call while also on a personal cell phone and in-car computer. The trooper lost control of the vehicle and crossed the median, driving into the girls' car and killing them instantly. Kim will discuss the subsequent investigation and the emotional toll on her and her family in the hope that the story will affect responders and remind them on a personal level of the tragic, yet avoidable, consequences of unnecessary high-speed driving during pursuits and responses.

**19 Safety Treatments: How Are They Working?** (University B–Kelly Inn)

**Moderator**

*Tara Olds*, Office of State Aid, Minnesota Department of Transportation

**Speakers**

*Derek Leuer*, Office of Traffic Engineering, Minnesota Department of Transportation;  
*Taha Saleem*, Highway Safety Research Center, University of North Carolina;  
*Richard Storm*, HDR; *Luane Tasa*, District 2, Minnesota Department of Transportation

Understanding which safety treatments are the most effective can be challenging, but research findings can provide clarity. Come learn about the findings from recent research studies on the speed limit change from 55 mph to 60 mph on state highways, rumble strips, and rural conflict warning systems. Also hear the amazing positive economic impact TSD has had statewide since it started in 2003 through saving lives and injuries.

# 2019 PROGRAM SCHEDULE

## 20 CPS Fact or Fiction (Mitchell/Schilpin Room)

### Moderator

*Josh Duda, Brainerd Lakes TZD*

### Speakers

*Tony Jerisha, KidsEmbrace; Bob Wall, Nuna*

This presentation will dispel myths in child passenger safety, reinforce accurate information, and provide resources that support best practices.

*Approved for 1.5 CPS CEU credits*

## 21 Nonimpaired Driving Complaints: From Roadside Investigations to Driver Evaluations (Edelbrook/Clarke Room)

### Moderator

*Sgt. Dan Tocko, Eagan Police Department*

### Speakers

*Officer Mike Coffey, Cottage Grove Police Department; Alexandra (Sasha) Reese, Driver and Vehicle Services, Minnesota Department of Public Safety; Joan Somes, Emergency Nurses Association and Regions Hospital Emergency Medical Service*

This session reviews risky driving behaviors related to cognitive impairment—especially normal changes seen in aging drivers. The Driver Orientation Screen for Cognitive Impairment (DOSCI) tool used to screen for cognitively impaired drivers will be introduced. Participants will learn the process that takes place once a Request for Examination of Driver form using DOSCI screen findings is submitted and learn about the resources available for law enforcement, families, and drivers.

## 22 Marijuana DWI: Is That a Thing? (Herberger Suite)

### Moderator

*Officer Greg Jensen, Lakeville Police Department*

### Speakers

*Officer Alex Graham, Saint Paul Police Department; Lt. Andrew Martinek, Minnesota State Patrol, Minnesota Department of Public Safety*

Marijuana-impaired driving continues to be one of the most common situations encountered by law enforcement officers in Minnesota. Speakers will discuss removing some of the apprehension from a DWI drug arrest and the direct benefits that are seen by teaching officers to detect and remove these drivers from our roadways.

# 2019 PROGRAM SCHEDULE

## **23 Your TZD: A Listening Session** (Bell/Alexander Room)

### **Moderator**

*Stephanie Malinoff*, Center for Transportation Studies, University of Minnesota

### **Speakers**

*Mike Hanson*, Minnesota TZD Program Co-Chair, and Director, Office of Traffic Safety, Minnesota Department of Public Safety; *Mark Kinde*, Minnesota TZD Program Co-Chair, and Manager, Injury and Violence Prevention Unit, Minnesota Department of Health; *Brian Sorenson*, Minnesota TZD Program Co-Chair, and State Traffic Engineer, Office of Traffic Engineering, Minnesota Department of Transportation; *Kristine Hernandez*, Statewide Minnesota TZD Program Manager

Building on the success of last year's session, TZD state-based leaders are once again looking for your feedback. Come to this listening session and share your thoughts, challenges, and innovative ideas for the future. We need your insights to continue our success—TZD is everyone!

## **24 Courtroom Skills** (Swisshelm/Whitney Room)

### **Moderator**

*Bill Lemons*, Minnesota County Attorneys Association

### **Speakers**

*David Bernstein*, Minneapolis City Attorney's Office; *Joe Van Thomme*, Eckberg & Lammers Law Firm; *Lt. Don Marose*, Minnesota State Patrol, Minnesota Department of Public Safety

This interactive session develops skills for testifying in court by offering advice, tips, and demonstrations.

**4:30–5:30 p.m.**

**Reception** (Terry Haws C)

## THURSDAY, OCTOBER 24

**7:00–8:00 a.m.**

**Buffet Breakfast** (Terry Haws A & B)

**8:00–9:00 a.m.**

**Opening Remarks and Plenary Session** (Terry Haws A & B)

*Col. Matt Langer*, TZD Leadership, and Chief, Minnesota State Patrol, Minnesota Department of Public Safety

### **Post-Traumatic Growth: Turning Trauma into Action**

The suffering caused by traumatic events can sometimes be harnessed as a force for self-improvement and success. The Minnesota State Patrol video, "Lasting Impact," will be shown followed by a discussion with Matt Maas, the father of the teen featured in the video. This plenary session will explore one story about how people have inspired others toward positive change as part of healing from trauma. It will also provide strategies for self-care as we consider helping those who help others.



9:15–10:30 a.m.

## Concurrent Sessions

### 25 Top 10 Questions on Automated Vehicles—and More! (Weidner Room)

#### Moderator

*Jay Hietpas*, Connected and Automated Vehicles (CAV-X), Minnesota Department of Transportation

#### Speakers

*Kristin White*, Connected and Automated Vehicles (CAV-X), Minnesota Department of Transportation; *Erik Minge*, SRF Consulting; *Wayne Sandberg*, Washington County

The age of automated vehicles is rapidly advancing, bringing with it the promise of better travel experiences and improved traffic safety. What does this mean for those working in the transportation world? This session will examine ten key questions regarding effects as well as updates on Minnesota's current policy and technology efforts for connected and automated vehicles.

### 26 Time-Critical Care (University A–Kelly Inn)

#### Moderator

*Melissa Hjelle*, TZD Program Director, Southwest Region

#### Speaker

*Rob Pearson*, North Memorial Health-Air Care

Critical patients need first responders to make quick decisions and accurate interventions and to provide rapid care. This session for police, firefighters, and EMS will explore the concepts of time-critical interventions and how to control reaction to adrenaline during stressful events.

### 27 Mini-Roundabouts (University B–Kelly Inn)

#### Moderator

*Renae Kuehl*, SRF Consulting Group

#### Speakers

*Zach Tess*, District 7, Minnesota Department of Transportation; *Ken Hansen*, District 3, Minnesota Department of Transportation; *Joe McCabe*, City of St. James; *Chief Rick Eisfeld*, Saint James Police Department; *Will Stein*, FHWA

Mini-roundabouts are popping up more frequently in Minnesota. Hear from the City of Saint James about its experience replacing two signals with mini-roundabouts and the public's perspective. The FHWA will also share guidance on the design, placement, and use of mini-roundabouts as part of a detour route this past summer in Crow Wing County.

# 2019 PROGRAM SCHEDULE

## 28 CPS Jeopardy (Mitchell/Schilpin Room)

### Moderator

*Officer Nichole Korth, New Hope Police Department*

### Speaker

*Sarah Haverstick, Goodbaby International (Evenflo/CYBEX)*

Techs will be challenged with questions about technical information in a question and answer session based on the TV show, Jeopardy! Topics covered include: car seat innovations, vehicle features, technician resources, misuse, LATCH and general CPS. *Approved for 1.5 CPS CEU credits*

## 29 The Medicinal Application of Marijuana: What's Legal and What's Not (Herberger Suite)

### Moderator

*Officer Harley Figgins, Chisholm Police Department*

### Speakers

*Megan Gaulke and Amy Bjork, Leafline Labs*

It is still a federally illegal substance, but you can get a prescription... right? Learn about marijuana as a medication, the medical cannabis process, and what is (and is not) legal under Minnesota's medical application of cannabis.

## 30 How to Prove Impairment in a DWI Trial (Edelbrook/Clarke Room)

### Moderator

*Trooper James Orlando, Minnesota State Patrol, Minnesota Department of Public Safety*

### Speakers

*David Bernstein and Matthew Hartung, Minneapolis City Attorney's Office*

Proving impairment in court is more complex than proving a per se DWI charge and requires detailed inquiries, explanations, and arguments. This session will include a presentation by prosecutors and sample testimony by an officer. It will provide law enforcement with tips on how to testify persuasively and effectively on impairment. The session will also provide prosecutors with strategies on effective direct examination of an officer and arguments in a closing statement to prove beyond a reasonable doubt to a judge or jury that a defendant was impaired by alcohol, controlled substances, or intoxicating substances.

## 31 Sharing the Priorities for the Strategic Highway Safety Plan (Bell/Alexander Room)

### Moderator

*Brad Utecht, Office of Transportation System Management, Minnesota Department of Transportation*

### Speakers

*Eric DeVoe, Office of Traffic Engineering, Minnesota Department of Transportation;  
Chelsea Palmateer, Office of Traffic Safety, Minnesota Department of Public Safety;  
Richard Storm, HDR*

It's time to report back from the TZD regional workshops' outreach efforts for setting the priorities in Minnesota's Strategic Highway Safety Plan (SHSP). Highlights will include traffic safety focus areas and strategies that can be implemented to reach a new goal for the next five years.

### **32 Traffic Management from the Air** (Swisshelm/Whitney Room)

#### **Moderator**

*Lt./Chief Pilot Craig Benz, Minnesota State Patrol, Minnesota Department of Public Safety*

#### **Speaker**

*Chief Warrant Officer Jim Englin, Minnesota State Patrol, Minnesota Department of Public Safety*

This session will cover the capabilities of the Minnesota State Patrol Aviation Section for traffic management and enforcement. Areas of capability include pursuit mitigation, aggression, reckless and impaired patrol flights, and traditional speed enforcement.

**10:30–10:45 a.m.**

### **Break and Exhibits** (Riverview Commons)

**10:45 a.m.–noon**

### **Concurrent Sessions**

### **33 Walk, Bike, Fun!** (Weidner Room)

#### **Moderator**

*Kelly Corbin, Office of Transit and Active Transportation, Minnesota Department of Transportation*

#### **Speakers**

*Colin Harris, Alta Planning + Design; Hanna Pritchard, Office of Transit and Active Transportation, Minnesota Department of Transportation; Nick Mason and CJ Lindor, Bike Alliance of MN*

Pedestrian and bicycle safety education is important for the safety and health of everyone wanting to use active transportation. Teaching children through the Walk! Bike! Fun! curriculum is a way to begin establishing a lifelong habit of walking and biking not only for transportation, but also for leisure and exercise. What's more, MnDOT's new Bicycle Facility Design Guide is being developed to include new and emerging guidance for designing bicycle facilities in Minnesota and will help designers interpret and apply design practices to create safe, accessible, and comfortable facilities and multimodal networks.

### **34 Granny! Where Is Your Helmet? Why Older Adults Riding Motorcycles Are at Risk of Death** (University A–Kelly Inn)

#### **Moderator**

*Katy Kressin, TZD Program Director, West Central Region*

#### **Speaker**

*Joan Somes, Emergency Nurses Association and Regions Hospital Emergency Medical Service*

An increased number of older (over age 65) adults are riding motorcycles and bicycles and putting themselves at risk of serious injury and death because they are not taking appropriate safety precautions—including not wearing helmets and other protective gear. This session will look at numbers, why aging increases risk, and preventive actions that can be recommended and taken.

# 2019 PROGRAM SCHEDULE

## 35 Safety Evaluation Tools (University B–Kelly Inn)

### Moderator

*Sean Delmore, WSB*

### Speakers

*Philip Kulis, SRF Consulting Group; Rob Hall, Crow Wing County; Mike Shomion, WSB*

Come learn about two different safety evaluation tools: 1) WisDOT's new statewide policy—Safety Certification Process—which is used to analyze and determine potential safety improvements for all state highway projects with the aim of being more efficient with transportation dollars and improving the overall health of the system by focusing on project-specific purposes and needs rather than standards. 2) Findings from the testing of a dynamic curve-warning system in Crow Wing County.

## 36 CPS Cultural Awareness (Mitchell/Schilpin Room)

### Moderator

*Sheila Denton, OTS Southern Minnesota CPS Liaison*

### Speakers

*Bryanna Chilton, Danielle Darco, and Cyndy Rastedt, White Earth; Makayla Wijeratne, CPST, and Abdinoor Sigat, CPST, Milestones*

Parents may need help navigating resources, critical traffic safety information, and laws. Cultural differences can present obstacles that keep you from building meaningful relationships and establishing strong safety partnerships within your community. Whether you work from inside the community, outside the community, or as a visitor, providing effective programs that promote positive and productive interactions is essential. Gain a deeper understanding of how to create a cooperative learning environment outside of your comfort zone. CPS technicians who have successfully worked with child protective services, tribal communities, and immigrant families will share lessons that can be applied to any culture or community. *Meets Safe Kids Worldwide Community Education requirement*

## 37 eCharging Update (Edelbrook/Clarke Room)

### Moderator

*Jane Landwehr, Office of Traffic Safety, Minnesota Department of Public Safety*

### Speaker

*Mike Asleson, Minnesota Bureau of Criminal Apprehension*

This presentation will provide an update on the new features available in eCharging. Users also will be given a refresher on how to properly use the DWI, Search Warrant, and Criminal Vehicular Operation/Homicide applications within the eCharging suite to ensure they are receiving maximum benefit from the eCharging system.



### **38 Reconstructing Fatal Crashes Involving Impaired Drivers: Building Your Case After Leaving the Scene (Herberger Suite)**

#### **Moderator**

*Lt. Don Marose, Minnesota State Patrol, Minnesota Department of Public Safety*

#### **Speaker**

*Sgt. Don Egdorf, Houston Police Department*

Fatal crashes are often complex investigations, and adding a drunk or drugged driver makes them even more complicated. Explore strategies that can help make cases during the follow-up investigation, including backtracking suspects' activities leading up to the crash, Drug Recognition Expert reconstruction, crash reenactment, obtaining toxicology results, understanding the legal issues in adjudicating drug-impaired drivers, and preparing for trial.

### **39 Legal Update (Swisshelm/Whitney Room)**

#### **Moderator**

*Rebecca Peterson, Blue Earth County District Court*

#### **Speakers**

*David Bernstein, Minneapolis City Attorney's Office; Bill Lemons, Minnesota County Attorneys Association*

This session will discuss the recent legal changes affecting traffic safety, including recent court decisions and legislative changes.

### **40 Flipping the Pyramid: Policies and Practices to Decrease Alcohol-Related Crashes (Bell/Alexander Room)**

#### **Moderator**

*Mark Kinde, Minnesota TZD Program Co-Chair, and Manager, Injury and Violence Prevention Unit, Minnesota Department of Health*

#### **Speakers**

*Kari Gloppen, Minnesota Department of Health; Traci Toomey, School of Public Health, University of Minnesota*

Between 2011 and 2017 in Minnesota, about 5% of crashes were alcohol-related, but about 33% of crash deaths were alcohol related. This session will describe the pyramid of injuries sustained in alcohol-related traffic crashes, and how to "flip the pyramid" to better understand the full scope of the burden of alcohol-related crashes. Speakers will discuss evidence-based policies for decreasing these crashes and engage with participants in discussions about how effective policy and program options can best be integrated into local communities.

**Noon**

**Adjourn**









 **TOWARD  
ZERO  
DEATHS**