



# PROGRAM

1:00 p.m. **Welcome**

## **Mac Shelby Award**

### **Keynote: Leveraging Vehicle Data on an All New Platform to Improve Road Safety in Communities**

Heather Ducharme,

Director, Future Digital Business Products, General Motors

### **Keynote: Real-Time Flood Resilience for TxDOT**

Dr. David Maidment,

Hussein M. Alharthy Centennial Chair Emeritus in Civil Engineering, CTR, UT Austin

### **Student Highlight: Alternative Funding Model Based on Vehicle Miles Travelled**

Michael A. Moore, CTR, UT Austin

3:00 p.m. **Break and Poster Session**

3:15 p.m. **Breakout Sessions**

### **Session 1: Bridges and Transportation Structures (Lil' Tex Auditorium)**

Moderator: Matt Hebdon (UT-Austin)

Panelists: Todd Helwig (UT-Austin), Matt Hebdon (UT-Austin), Steven Austin (TxDOT) and Robert Owens (TxDOT)

Outline: This session will cover short summaries from various recent transportation structures related projects with TxDOT as well as other national sponsors. This will be followed by a discussion on the plans for CBEI, current/urgent needs in this area, and future needs.

### **Session 2: Transportation Tomorrow—Safety Technologies & Open Research Questions (Big Tex Auditorium)**

Moderators: Randy Machemehl (UT-Austin), Kristie Chin (UT-Austin)

Panelists: Darran Anderson (TxDOT), Manar Hasan (UT-Austin), Anna McAuley (UT-Austin), Mike Arellano (TxDOT), Jason JonMichael (City of Austin)

Outline: This session will cover short presentations on current safety technology initiatives, followed by a moderated discussion where panelists dive into open research questions for the future. Topics include establishing Texas as a proving grounds for connected and automated vehicles, forging state/national best practices, and analyzing data for vision zero insight



**The Center for Transportation Research**

3925 W. Braker Ln, Ste. 4.11080 Austin, TX 78759 <http://ctr.utexas.edu>