The 2015 Traffic Safety Conference is sponsored and hosted by the Texas A&M Transportation Institute with contributions from the ATLAS Center and USAA, with significant support from the Texas Department of Transportation Traffic Safety Section through the National Highway Traffic Safety Administration’s State Highway Safety Grant Programs.
Thank You Exhibitors!

The Texas A&M Transportation Institute Center for Transportation Safety wishes to thank all our exhibitors for their continued support of the Traffic Safety Conference. Please be sure and visit them during the Exhibitors Welcome Reception, breakfasts, and breaks.

MONDAY, JUNE 8, 2015

1:00 p.m. – 6:00 p.m.
Conference Registration Desk Open
Corpus Foyer

1:00 p.m. – 4:00 p.m.
Exhibitor Setup
Corpus Foyer

1:00 p.m. – 5:00 p.m.
PRE-CONFERENCE WORKSHOPS

Improved Communication to Improve Safety – A Skills Workshop
Frank Keck, Excellerant, Inc.
Nueces A

Standardized Field Sobriety Test Update Course (TCOLE Credit)
Troy Walden, Ph.D., Texas A&M Transportation Institute, and Albert Reeder, Center for Alcohol and Drug Education Studies
Laguna Madre

Performance-Based Practical Design
George Merritt, Federal Highway Administration Resource Center
Aransas

5:00 p.m. – 7:00 p.m.
Welcome Reception/Exhibitor Showcase
Corpus Foyer
TUESDAY, JUNE 9, 2015

7:30 a.m. – 8:30 a.m.  
Continental Breakfast  
Corpus Foyer

7:30 a.m. – 5:00 p.m.  
Registration Desk Open  
Corpus Foyer

7:30 a.m. – 5:00 p.m.  
Exhibitor Showcase  
Corpus Foyer

8:30 a.m. – 10:00 a.m.  
Opening Welcome Session  
Corpus A/B

10:00 a.m. – 10:30 a.m.  
BREAK AND STUDENT POSTER SESSION  
Corpus Foyer

TUESDAY, JUNE 9, 2015

10:30 a.m. – Noon  
CONCURRENT BREAKOUT SESSIONS (1–4)

BREAKOUT SESSION 1:  
Driver Behaviors and Attitudes  
Bayview (1st Floor)

MODERATOR:  
Katie Womack, Senior Research Scientist, Texas A&M Transportation Institute

What Were You Thinking? Results from Attitudinal Surveys of Texans  
Neal Johnson, Assistant Transportation Researcher, Texas A&M Transportation Institute

Motorcycle Gear Usage Study  
Mike Manser, Ph.D., Senior Research Scientist, Texas A&M Transportation Institute

Evaluation of Bis-Man Clicks: An Employer-Led Seatbelt Promotion Program  
Renée St. Louis, Education Coordinator, ATLAS Center/University of Michigan Transportation Research Institute

BREAKOUT SESSION 2:  
Strategies to Improve Truck Safety  
Laguna Madre

MODERATOR:  
Lidia Kostyniuk, Ph.D., P.E., Research Coordinator, ATLAS Center/University of Michigan Transportation Research Institute

Measuring Safety Effects of Commercial Motor Vehicle Driver Training Program  
Lidia Kostyniuk, Ph.D., P.E., Research Scientist, ATLAS Center/University of Michigan Transportation Research Institute

Shiny-side Up: Advanced Technologies That Can Reduce Heavy Truck Crashes  
Dan Blower, Ph.D., Associate Research Scientist, ATLAS Center/University of Michigan Transportation Research Institute

Traffic Safety Trends in Oil and Gas Shale Development  
Ioannis Tsapakis, Ph.D., Assistant Research Scientist, Texas A&M Transportation Institute, and  
Cesar Quiroga, Ph.D., P.E., Senior Research Engineer, Texas A&M Transportation Institute

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Corpus Foyer

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TUESDAY, JUNE 9, 2015

10:30 a.m. – Noon
CONCURRENT BREAKOUT SESSIONS (1–4)

BREAKOUT SESSION 3:  
Local and Regional Safety Efforts  
Aransas

MODERATOR:  
Carol Campa, Traffic Safety Program Lead, Texas Department of Transportation

Aiming for Zero  
Stephen Ratke, P.E., Safety Engineer, Federal Highway Administration – Texas Division Austin Vision Zero

Austin Vision Zero  
Robert Anderson, Comprehensive Planner, City of Austin Planning and Zoning Department

Maricopa Association of Governments 2015 Strategic Transportation Safety Plan  
Yung Koprowski, P.E., PTOE, Project Manager, Lee Engineering

Starting and Sustaining Coalitions  
Susan Herbel, Ph.D., Principal, Cambridge Systematics

BREAKOUT SESSION 4:  
Identifying Crash Problems  
Corpus A

MODERATOR:  
Darren McDaniel, P.E., Safety Engineer, Texas Department of Transportation

Texas Wide GIS-Based Crash Risk Assessment  
Michael Martin, Assistant Transportation Researcher, Texas A&M Transportation Institute

Capital Area Metropolitan Planning Organization Safety Screening Tool  
Karen Dixon, Ph.D., P.E., Research Engineer, Texas A&M Transportation Institute

Project Selection for Highway Widening: A Systemic Approach  
Srinivas Geedipally, Ph.D., P.E., Assistant Research Engineer, Texas A&M Transportation Institute

Identifying Low Volume Road Segments with High Severe Crash Frequencies  
Raul Avelar, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

TUESDAY, JUNE 9, 2015

Noon – 1:45 p.m.
Conference Luncheon  
Corpus B/C

MODERATOR:  
Robert Wunderlich, P.E., Director, Center for Transportation Safety, Texas A&M Transportation Institute

KEYNOTE SPEAKER:  
Maggi Gunnels, Ph.D., Associate Administrator for Regional Operations and Program Delivery, National Highway Traffic Safety Administration

2:00 p.m. – 3:30 p.m.
CONCURRENT BREAKOUT SESSIONS (5–8)

BREAKOUT SESSION 5:  
No Refusal — Impaired Driving  
Corpus A

MODERATOR:  
Troy Walden, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

The Defense Calls….DWI Defense Strategies  
Troy Walden, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

Anatomy of a DWI No-Refusal Weekend  
Tyler Dunman, Assistant District Attorney/Chief, Special Crimes, Montgomery County District Attorney’s Office

DWI No-Refusal Program – Law Enforcement’s Role  
Billy Waybourn, Chief, Dalworthington Gardens Police Department
TUESDAY, JUNE 9, 2015
2:00 p.m. – 3:30 p.m.
CONCURRENT BREAKOUT SESSIONS (5–8)

BREAKOUT SESSION 6: Protecting Our Vulnerable Users  
Aransas

MODERATOR:
Lisa Molnar, Ph.D., Associate Director, ATLAS Center/University of Michigan Transportation Research Institute

Older Driver Support System
Mike Manser, Ph.D., Senior Research Scientist, Texas A&M Transportation Institute

A Statewide Strategy for Supporting the Safe Mobility of an Aging Population
Lisa Molnar, Ph.D., Associate Research Scientist, ATLAS Center/University of Michigan Transportation Research Institute

Pedestrian and Bicycle Crash Analysis Tool
Joan G. Hudson, P.E., Associate Research Engineer, Texas A&M Transportation Institute

Urban Form and Safety for Health and Transportation: Child and Adult Pedestrians
Chanam Lee, Ph.D., Professor, Landscape Architecture and Planning, Texas A&M University

TUESDAY, JUNE 9, 2015
2:00 p.m. – 3:30 p.m.
CONCURRENT BREAKOUT SESSIONS (5–8)

BREAKOUT SESSION 7: Integrated Solutions for Transportation Safety — ATLAS Center Projects  
Bayview (1st Floor)

MODERATOR:
David W. Eby, Ph.D., Director, ATLAS Center/University of Michigan Transportation Research Institute

Use of Finite Element Simulations to Parametrically Evaluate and Compare Seat Belt Restraint Systems and Related Injury Risk in Heavy Truck Frontal Crash Conditions
Chiara Silvestri-Dobrovolny, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

The Moth Effect – Is It Real?
Melisa Finley, P.E., Research Engineer, Texas A&M Transportation Institute

Assessing the Effect of Crash Avoidance Technologies on Truck Driver Fatality and Injury, and Identifying Residual Crash Types
Dan Blower, Ph.D., Associate Research Scientist, ATLAS Center/University of Michigan Transportation Research Institute

A Neurological Understanding of the Social Influence of Teen Passengers
Lisa Buckley, Ph.D., Assistant Research Scientist, ATLAS Center/University of Michigan Transportation Research Institute
2:00 p.m. – 3:30 p.m.
CONCURRENT BREAKOUT SESSIONS (5–8)

BREAKOUT SESSION 8:
Integrating Safety into Roadway Projects
Laguna Madre

MODERATOR:
Bill Stockton, Ph.D., P.E., Executive Associate Director, Texas A&M Transportation Institute

Integrating Safety into the Project Development Process
Karen Dixon, Ph.D., Research Engineer, Texas A&M Transportation Institute

Texas Department of Transportation Initiatives
Darren McDaniel, P.E., Safety Engineer, Texas Department of Transportation

Louisiana Department of Transportation and Development Initiatives
Dan Magri, Highway Safety Administrator, Louisiana Department of Transportation and Development

Crash Analyses to Support IH-35 Reconstruction in Waco
Kent Collins, P.E., Research Engineer, Texas A&M Transportation Institute

3:30 p.m. – 4:00 p.m.
BREAK (Sponsored by USAA)
AND STUDENT POSTER SESSION
Corpus Foyer

4:00 p.m. – 5:30 p.m.
CONCURRENT BREAKOUT SESSIONS (9–12)

BREAKOUT SESSION 9:
Improving Safety through Enforcement
Corpus A

MODERATOR:
Troy Walden, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

Evaluation of Michigan’s TACT Program
Nicole Zanier, Technology Transfer Coordinator, ATLAS Center/University of Michigan Transportation Research Institute

Role of Law Enforcement in Creating and Sustaining Safety Coalitions
Carl Saizan, Major, Region 1, Louisiana State Police Public Safety Services, and Ron Whittaker, Retired Commander/Law Enforcement Liaison, Louisiana Department of Transportation and Development

More than Cops on Dots – Assessing Crash Risk
Robert Wunderlich, P.E., Research Engineer, Texas A&M Transportation Institute, and Troy Walden, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

BREAKOUT SESSION 10:
Youth Transportation Safety
Aransas

MODERATOR:
Russ Henk, P.E., Youth Transportation Safety Program Manager, Texas A&M Transportation Institute

Rewarding Good Teen Driver Behavior
Chris Coleman, Director of Ecosystem Partnerships, Metropia, Inc.

Teens and Distraction
Kristin Rosenthal, MEd, MCHES, Program Manager, Safe Kids Worldwide, and Ana Acosta, Trauma Prevention Technician, Safe Kids El Paso Coordinator

Helping Teens be Safer Drivers: What Works?
Ray Bingham, Ph.D., Research Professor and Head of the Young Driver Behavior and Injury Prevention Group, University of Michigan Transportation Research Institute
TUESDAY, JUNE 9, 2015

4:00 p.m. – 5:30 p.m.
CONCURRENT BREAKOUT SESSIONS (9–12)

BREAKOUT SESSION 11:
Linking Crash and Trauma Data to Improve Safety Bayview (1st Floor)

MODERATOR:
Melissa Tooley, Ph.D., P.E., Director, External Program, Texas A&M Transportation Institute

Linking Prehospital and Trauma Health Records to Crash Data: A Texas Initiative
Chris Drucker, Ph.D., Branch Manager, Texas Department of State Health Services,
and
Nina Leung, Ph.D., Epidemiologist III, Texas Department of State Health Services

Linking Crash Data with Trauma Records: Findings from a Pilot Study of the Houston Metropolitan Area
Eva Shipp, Ph.D., Associate Professor, Texas A&M Health Science Center School of Public Health

Texas Department of State Health Services Rural Area Project
Marcie Perez, Research Associate, Texas A&M Transportation Institute

BREAKOUT SESSION 12:
Roadway Engineering Safety Countermeasures Laguna Madre

MODERATOR:
Stephen Ratke, P.E., Safety Engineer, Federal Highway Administration – Texas Division

Implementing Safety Innovations: FHWA Every Day Counts 3 Data Driven Safety Analysis Initiative Overview
David Morris, Safety Specialist, Federal Highway Administration – Texas Division, and
Betsey W. Tramonte, Transportation Specialist – Safety, Federal Highway Administration – Louisiana Division

Traffic Control Devices for Horizontal Curves
Brad Brimley, Associate Transportation Researcher, Texas A&M Transportation Institute

5:30 p.m. – 7:00 p.m.
Light Reception and Announcement of Student Poster Session Winner Corpus B–C

WEDNESDAY, JUNE 10, 2015

7:30 a.m. – 8:30 a.m.
Continental Breakfast Corpus Foyer

7:30 a.m. – 10:30 a.m.
Registration Desk Open Corpus Foyer

7:30 a.m. – 10:30 a.m.
Exhibitor Showcase Corpus Foyer

8:30 a.m. – 10:00 a.m.
CONCURRENT BREAKOUT SESSIONS (13–16)

BREAKOUT SESSION 13:
Drug-Impaired Driving Corpus A

MODERATOR:
Troy Walden, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

The Good, the Bad, and the Ugly – Legalization of Cannabis in Colorado
Glenn Davis, Highway Safety Manager, Colorado Department of Transportation

Issues Involving Drugs and Traffic Safety
Thomas E. Page, M.A., Drug Recognition Expert Emeritus, Los Angeles Police Department (Retired)
WEDNESDAY, JUNE 10, 2015

8:30 a.m. – 10:00 a.m.
CONCURRENT BREAKOUT SESSIONS (13–16)

BREAKOUT SESSION 14:
Transit Travel Training: Recommended Best Practices
Corpus B

MODERATOR:
David W. Eby, Ph.D., Director, ATLAS Center/University of Michigan Transportation Research Institute

The Potential Benefits of Transit Travel Training
David W. Eby, Ph.D., Director, ATLAS Center/University of Michigan Transportation Research Institute

Components of Successful Travel Training Programs: Research Findings
Lisa Molnar, Ph.D., Associate Research Scientist, ATLAS Center/University of Michigan Transportation Research Institute

Transit Travel Training Models; Overview and Program Development
Susan Unger, Travel Training Coordinator, VIA Mobility Services

DART Programs
Kendra Bullard, Manager of Travel Ambassador Program and Administration, DART

BREAKOUT SESSION 15:
Texas Legislative Update
Aransas

MODERATOR:
Steven Polunsky, Research Scientist, Texas A&M Transportation Institute

Introduction of Speaker
Hon. Tommy Williams, Vice Chancellor for Federal and State Relations, Texas A&M University System

SPEAKER:
Senator Juan “Chuy” Hinojosa

BREAKOUT SESSION 16:
Roadside Safety Countermeasures
Laguna Madre

MODERATOR:
Wade Odell, P.E., Research Program Manager, Texas Department of Transportation

Sign Size and Breakaway Support Relationships
Chiara Silvestri-Dobrovolny, Ph.D., Associate Research Scientist, Texas A&M Transportation Institute

Roadside Slopes and Ditches
Nauman Sheikh, P.E., Associate Research Engineer, Texas A&M Transportation Institute

New Roadside Hardware Improvements
Akram Abu-Odeh, Ph.D., Research Scientist, Texas A&M Transportation Institute

10:00 a.m. – 10:30 a.m.
BREAK
Corpus Foyer

10:30 a.m. – Noon
CLOSING PLENARY SESSION
Corpus A/B

Toyota Settlement Research Simulator Testing Demonstration
MODERATOR:
Robert Wunderlich, P.E., Research Engineer, Texas A&M Transportation Institute