# CT Safety Academy

## Understanding and Using Data to Make Your Roads Safer

***Virtual Workshop***


Understanding your community's roadway safety challenges is the first step in developing a Local Road Safety Plan (LRSP) to improve safety. Data analysis helps to identify safety issues and their causes so that municipalities can utilize their resources to maximum effect.

In this course, you will learn how to develop a LRSP and how to use data to make informed decisions about roadway safety in your community. You will learn how to use the CT Crash Data Repository and discover a new tool from the CT Safety Research Center so you can begin the process of identifying your community's roadway safety challenges. You will also become familiar with Federal Highway Administration's Proven Safety Countermeasures and how to use them effectively to make your roads safer.

## Who Should Attend

Directors of Public Works, Traffic and Transportation Engineers, Engineering technical staff and other municipal staff with emphasis on safety as part of their responsibility.

## Date & Time

**November 4, 2020**

9:30am — 12:00pm

***Participants will receive 2.5 credit hours toward their Safety Champion designation.***

## Learning Objectives

**Upon completion of this class, participants will know how to:**

- Understand what a Local Road Safety Plan is and how to develop one
- Utilize data analysis to identify roadway safety challenges
- Identify and select appropriate Proven Safety Countermeasures to address safety concerns

# Course Instructors

**Melissa Evans** is the Safety Circuit Rider at the University of Connecticut's Training and Technical Assistance Center. She has over 20 years experience working in the public sector. Melissa previously served as the Traffic Operations Coordinator for the Department of Public Works in the Town of Greenwich, Connecticut.

**Dr. Shanshan Zhao** is a Research Scientist and Project Manager at the Connecticut Transportation Safety Research Center, UCONN. Her research focuses on the implementation of Highway Safety Manual (HSM), predicting crash occurrence and injury severity using statistical models and machine learning methods, crash causation analysis, driver behavior analysis, and effectiveness evaluation of safety countermeasures. Dr. Zhao has led the effort in developing an enterprise-level web-based safety management system to fully implement the HSM in Connecticut.

**Marisa Auguste** is the Driver Behavior Analyst for the Connecticut Transportation Safety Research Center (CTSRC), UCONN. Conducting social science research in transportation, her primary focus is on human behavior in the driving environment. A large part of her work involves analyzing crash data at the state and local level to identify variables or patterns of behavior that are correlated with increased crash risk.

# Registration

- Please visit **www.t2center.uconn.edu** to register for this class online.
- **Contact:** Please direct any questions to Lisa Knight at **lisa.knight@uconn.edu**.
- **Free**. No registration fee is charged for this class. This training opportunity is offered by the Training & Technical Assistance Center's Connecticut Safety Academy.
- Registrations will be accepted on a first come, first served basis.
- Approximately one week prior to the class, you will receive an email confirmation of your attendance, along with the instructions on how to log onto the virtual training session.
- If you require an accommodation to participate in this workshop, please contact Lisa Knight at **lisa.knight@uconn.edu**.

T2 Training and Technical Assistance Center
Connecticut Transportation Institute

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Connecticut Training & Technical Assistance Center
270 Middle Turnpike, Unit 5202, Storrs, CT 06269