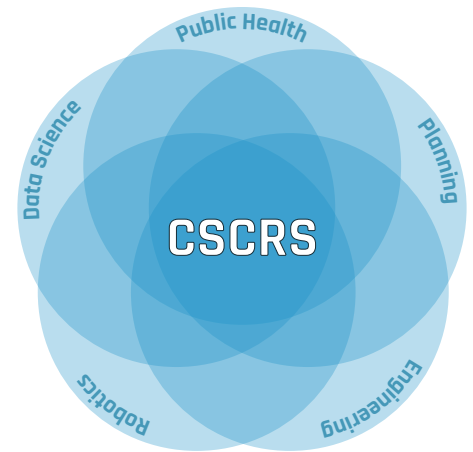


It is time for a fresh approach.

Creating a comprehensive and sustainable road safety systems model requires a paradigm shift in the way we think about human vulnerabilities and human behavior in the transportation system.

The Collaborative Sciences Center for Road Safety (CSCRS) accelerates progress in reducing transport injuries and fatalities by utilizing a systems approach to bring perspectives from planning, engineering, public health, data science, and robotics to the road safety field.

CSCRS is a National University Transportation Center (UTC) supporting the FAST Act research priority of promoting safety. It is one of the U.S. Department of Transportation's five National UTCs announced December 2016.



Our Work

CSCRS is an integrated national safety center focused on the goal of reducing injuries and saving lives on our roadway system.

We will improve road safety in the U.S. by focusing our research, education, workforce development, and technology transfer efforts on the following four areas:

- **Risk Assessment** – Dramatic improvements in road safety require better understanding of road user perceptions and reactions to risk, particularly as personal and vehicle technology evolves.
- **Integrated Systems Approach** – Continued reduction of injuries and fatalities requires multi-disciplinary strategies utilizing a model that acknowledges the complexity of relationships between individual, technology, built environment, institutional, and policy levels.
- **Safety Data, Technology, and Methods** – Comprehensive research requires insight from big data science, which includes sophisticated management and analytical approaches to link and analyze medical, EMS, and police data, as well as technology data from vehicles and infrastructure systems.
- **Transportation Workforce Culture** – Further decreases in injuries and fatalities require broadening the set of professionals who understand the importance of road safety and identifying effective training strategies and tools for all practitioners.

Our Team

Led by the UNC (University of North Carolina) Highway Safety Research Center in collaboration with the UNC Department of City and Regional Planning and the UNC Injury Prevention Research Center, CSCRS unites leading transportation research, planning, public health, data science and engineering programs at Duke University, Florida Atlantic University, University of California, Berkeley, and University of Tennessee, Knoxville.