Evaluation of a Co-Designed Implementation and Replication Study of Hazard Perception Training for Novice Teen Drivers

Partnership between the Johns Hopkins Bloomberg School of Public Health & Delaware Department of Education

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Existing research provides evidence that PC-based Hazard Perception Training reduces crash rates in teen males in the 12 months post licensure. A replication study is needed to understand why similar reductions in crash rates were not evident in teen female drivers. The field also needs an implementation study to understand how to deploy hazard perception training at scale and in classroom environments as part of the driver training process. This study will be the first of its kind to use a co-designed research model, inviting driver education teachers to participate with researchers in the design, implementation, and analysis of the study.

Objectives

- Evaluate the effects of a PC-based training program on teen driver crashes and traffic violation
- Evaluate the implementation of the training program imbedded within a high school driver's training course

Tentative Timeline

April 2025
Co-design meetings begin

July 2025
Research model and questions finalized

August 2025
Hazard Perception Training begins

May 2026
Implementation data collection complete

May 2027
Crash & traffic violation data collection complete

August 2027
Data analysis complete

December 2027
Summary project results available

Delaware Department of Education