

Arthur Goodwin, M.A.

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As a scientist, Arthur's work focuses on the behavioral, social and cultural aspects of traffic injury prevention.

Arthur Goodwin joined the UNC Highway Safety Research Center in 2001. His active areas of research include young driver safety, graduated driver licensing (GDL), motorcycle safety, distracted driving and cell phones, occupant protection and impaired driving. As a psychologist, his work focuses on the behavioral, social and cultural aspects of traffic injury prevention, with an eye toward developing effective policies and programs to improve transportation safety. In the area of young drivers, Arthur has examined the magnitude and nature of the effect of GDL on young driver crashes, the degree of teen compliance with GDL restrictions, methods to facilitate parental management and supervision of beginning drivers, and the role of both parents and police in enforcing restrictions. Arthur was the principal investigator for a project funded by the AAA Foundation for Traffic Safety to investigate how parents supervise their teens' driving during the learner stage of GDL. The study involved regular interviews with 50 families as they progressed through the learner stage. In addition, cameras were installed in the vehicles of these families to capture information that could not be obtained by self-report. In an extension of the original project, Arthur continued following the 50 families once teens made the transition to independent driving. Arthur also has been involved in numerous projects to improve motorcyclist safety, including a study to examine the high rate of motorcycle crashes in western North Carolina, a project to evaluate a North Carolina-sponsored motorcycle safety program called "BikeSafe," a statewide survey of motorcyclists in North Carolina and a study to estimate motorcycle exposure based on odometer readings from motorcycle safety inspection data. Recently, he was principal investigator on Motorcycle Safety: A Review of the State of Knowledge, in which he conducted a comprehensive review of the research literature on motorcycle safety and prepared a comprehensive report that could serve as an important resource for researchers, program planners, trainers and policy makers. Arthur is currently the paper review coordinator for the Transportation Research Board (TRB) Motorcycles and Mopeds Committee. He is also a member of the TRB Young Driver Subcommittee. Arthur earned his bachelor's degree from Washington University in St. Louis, and he holds a master's degree in clinical psychology from the University of Missouri-Columbia.

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