

***The Johns Hopkins Center for Injury Research and Policy conducts research and practice to inform, create and disseminate programs and policies designed to reduce transportation-related injury. Examples of our work follow.***

### **Motor vehicle safety for children and teens**

- Demonstrated the significant reduction in crash risks as a result of stringent Graduated Driver Licensing (GDL) programs, information that has been used by state policymakers across the country.
- Documented that having additional passengers in the car of a teen driver significantly increases the risk of a fatal crash; these findings help inform legislators and parents who seek ways to keep teen drivers safe.
- Discovered that nine out of ten individuals make errors installing child safety seats, a problem we address in our Children's Safety Center (CSC).
- Determined that young people who are overweight or obese face twice the risk of injury to their extremities compared with normal-weight children.

### **Motor vehicle safety for older adults**

- Evaluated a Seniors on the MOVE driving self regulation program for older adults, and determined risk groups most likely to benefit from the program.
- Completed a systematic review of the policies, programs and practices of other nations regarding older drivers, and an analysis of whether they can provide the United States with additional options for addressing this topic.

### **Motorcycle and bicycle safety**

- Documented that black riders are 50 percent more likely to die than white riders, despite the fact that African Americans in the study were more likely to be wearing helmets at the time of the crash.
- Demonstrated the safety impact of bicycle helmet laws and related education programs.

### **Aviation safety**

- Conducted a longitudinal study of a cohort of commercial pilots to assess the effect of aging on decision-making and other factors in aviation crashes.
- Calculated the burden of aviation-related injuries and deaths in the United States each year.

### **Alcohol and transportation safety**

- Collaborated with Mothers Against Drunk Driving to examine an innovative court monitoring program and its impact on the judicial system's responses to drinking and driving.
- Highlighted the association between alcohol use and non-use of helmets.
- Performed case control studies of the relationship of alcohol to boat-related drowning.

### ***About the Johns Hopkins Center for Injury Research and Policy***

- Founded in 1987, the Center is a leader in redefining injury as a public health problem and promoting injury prevention as a scientific discipline.
- Guided by a commitment to ensuring its high quality research is translated into programs and policies, the Center's work reduces the burden of injury around the globe.
- The diversity of disciplines needed to advance the science of injury control, from prevention to acute care to rehabilitation, are well-represented among the Center's world-renowned faculty.

***For more information, please visit our Website: [www.jhsph.edu/InjuryCenter](http://www.jhsph.edu/InjuryCenter) or call (410)-955-2221***