

The Center for Child Injury Prevention Studies

Partnering With Industry to Improve Child Safety



The Center for Child Injury Prevention Studies (CChIPS) is a National Science Foundation Industry/University Cooperative Research Center (I/UCRC) that focuses exclusively on making children and adolescents safer. Through CChIPS, researchers from The Children's Hospital of Philadelphia and The University of Pennsylvania work side by side with industry members to conduct translational research that is practical to industry. Of the more than 40 I/UCRC designated centers nationwide, CChIPS is the only one that focuses solely on child injury prevention. It is housed within the Center for Injury Research and Prevention at CHOP.

The Mission Behind the Method

The CChIPS mission is to advance the safety of children and young adults by facilitating scientific inquiry into injuries and translating these findings into commercial applications and public education programs.

The fundamental idea behind our work is that children are not small adults. Therefore, their response to trauma deserves to be examined and understood as a distinct branch of science.

The CChIPS method applies the science of biomechanical epidemiology to the analysis of crash-related data. A unique and comprehensive approach, biomechanical epidemiology integrates the principles of engineering, behavioral science and epidemiology into study designs.

The People Behind the Programs

CChIPS is hosted by CHOP in collaboration with The University of Pennsylvania, a world-class research institution known for its innovative interdisciplinary collaboration and scholarship. The first children's hospital in the U.S., CHOP also is one of the world's leading pediatric research facilities.

The CChIPS faculty has a history of partnering successfully with industry and government. Faculty members maintain an ongoing dialogue with major child-safety organizations throughout the world and are engaged in specific research partnerships with leading automotive manufacturers, restraint suppliers, insurance providers and government agencies.

Research. Action. Impact.

By closely studying traumatic events involving children, CChIPS researchers strive to prevent future tragedies. Their work begins with surveillance in order to identify new and emerging hazards to children. The team conducts in-depth studies of these hazards and then develops and tests interventions to mitigate them.

To translate our research into action, the final step in the process, CChIPS relies on corporate partners and its Industrial Advisory Board members. Industry members benefit from cooperatively pooling their research dollars with a renowned academic research facility to conduct translational research. Beyond the intellectual resources available from CChIPS scientists, the participating research institutions also waive overhead fees to make this vital work possible. This ongoing cooperation among academia and industry helps ensure that our research findings will have a significant impact on children's lives.

Industry Advisory Board Members

Britax Child Safety Inc.
Dorel Juvenile Group
Ford Motor Co.
National Highway Traffic Safety Administration
Nissan Technical Center North America Inc.
State Farm Insurance Companies
TK Holdings Inc.
Toyota Motor North America Inc.
Volkswagen of America Inc.



For more information about CChIPS, visit www.chop.edu/injury or contact Parvathy Menon, M.A., M.B.A., at menonp@email.chop.edu.

More details are available at www.chop.edu/injury.