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Research *in* Action

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Welcome to *Research in Action*. We changed the look and format to make it easy for you to share items of interest with others. Let us know how we can improve the format or content to meet your needs.

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Research *in* Action

Come Tweet With Us



Join the National Teen Driver Safety Week Twitter Chat on Thursday, October 18 from 3 p.m. to 4 p.m. (EST) -- #teendriving2012. To be hosted by the Center's own "[SafetyMD](#)" Flaura Winston, MD, PhD, the chat will connect educators, teens, parents, and stakeholders to share what they are doing – and have done or plan to do – to raise awareness of teen driver safety during the 6th annual National Teen Driver Safety Week and throughout the year. Topics will also cover the biggest teen driver concerns in your community, such as distracted driving, passenger safety, impaired driving, parents' role in supervised practice driving, seat belt use, and Graduated Driver Licensing (GDL).

'Share, Not Scare' is the theme of this year's [National Teen Driver Safety Week](#) (NTDSW) – October 14-20, 2012. Research shows that although graphic reenactments of car crashes and other tactics may get teens' attention, they may not be the best way to change behavior over the long haul. That is why we encourage communicating to teens about the benefits gained by safe driving rather than only the negative consequences of risky driving.

For ideas on what others are doing, visit [NTDSW In the News](#).

For details of the event, including how to create a Twitter account, [click here](#).



Proposing A New Care Model for Concussion



Matthew Grady, MD and Christine Master, MD, both concussion experts and sports medicine specialists at The Children's Hospital of Philadelphia (CHOP), review the state of the science in diagnosing and managing concussion in the September 2012 issue of *Pediatric Annals*. Over a series of articles that focus on the pathophysiology of concussion and the rationale for cognitive rest immediately after a concussion, they propose a practical medical home model for managing concussion in youth.

Drs. Grady and Master are part of an interdisciplinary team of concussion experts at CHOP, including Kristy Arbogast, PhD and Mark Zonfrillo, MD, MSCE of CIRP, that has created a new care model for concussion management, with a goal to streamline and standardize concussion diagnosis, treatment and follow-up care and improve outcomes for children, adolescents, and teens with concussions. This new model represents a paradigm shift in how pediatric physicians provide care for students. Previous approaches have been based on international guidelines for return-to-play for adult athletes. Dr. Grady and Dr. Master suggest a focus on [return-to-learn](#) before [return-to-play](#).

The new care model focuses on providing necessary training and diagnostic support tools to primary care providers so that they can offer diagnosis and follow-up care for the majority of children with concussions. CHOP experts believe that the sooner treatment of early cognitive and physical rest can begin, the better likelihood for full recovery. Lengthy wait times to see specialists could delay this critical but simple treatment. The CHOP Network is the largest pediatric health system in the country, and its new care model for concussion management could eventually be applied in other health systems across the country.

[Click here](#) to review the journal articles.

[Learn more](#) about Concussion Care for Kids: Minds Matter at CHOP.

[Read](#) the *Philadelphia Inquirer* news story.



Research in Action Will Become a Blog



Patty Huang, MD

To provide you with more news and commentary about various pediatric injury prevention topics, *Research in Action* will soon become a blog. To be launched in early 2013, the *Research in Action Blog* will be moderated by Patty Huang, MD, a developmental and behavioral pediatrician at CHOP, and will feature contributors from throughout the CIRP family of researchers and professionals.

"Our goal is to communicate with our colleagues and stakeholders about what we find interesting and useful, while maintaining an evidence-based perspective," says Dr. Huang. "We'll comment on trends in the field of injury prevention science, such as promising programs and interventions, research methods that could be applied to injury, and the intersection of injury research and public policy. We'll also use the blog to keep our audiences current on new research and resources from our Center."

Categories of the blog will reflect the interests of our Center's staff, such as child passenger safety, teen driver safety, violence prevention, recovery from injury and traumatic stress, and public policy.

As a subscriber to the *Research in Action* newsletter, you will soon receive an e-blast about how to subscribe to the blog, including ways to receive news feeds that are of particular interest to you. Thank you for all you do for child and adolescent safety. We look forward to sharing our news with you in a new way.



CIRP Recognized for 15 Years of Child Passenger Safety Efforts



Flaura Winston, MD, PhD (second from left) accepts the Safe Kids Champion award from Kate Carr on behalf of CIRP.

On September 19th, Safe Kids Worldwide celebrated the 15th anniversary of the [Safe Kids Buckle Up program](#), which teaches families how to keep children safe in and around motor vehicles through community partnerships, hands-on instruction, and educational programs. The Center for Injury Research and Prevention (CIRP) at CHOP, which is also celebrating its 15th year, was honored in Washington, DC as a "Safe Kids Champion," celebrating a long-standing partnership with Safe Kids to promote child passenger safety through "highly relevant translational research" to protect child occupants.

The Center's Founder and Co-scientific Director Flaura Winston, MD, PhD was joined at the event by Mark Zonfrillo, MD, MSCE and Suzanne Hill of CIRP and Gina Duchossois, MS of [CHOP's Kohl's Injury Prevention Program](#). Other honorees included the National Highway Traffic Safety Administration (NHTSA), the General Motors Foundation, and the National Transportation Safety Board (NTSB). In her remarks to Kate Carr, president and CEO of Safe Kids, Dr. Winston said: "The Center's research could not save lives without the actions of Safe Kids coalitions to educate parents and policymakers about our research."

For more information on CIRP's child passenger safety research efforts, [click here](#).

Recent Center Presentations

Arbogast KB. Differences in Thoracic Injury Causation Patterns Between Seat Belt Restrained Children and Adults. Association for the Advancement of Automotive Medicine 56th Annual Scientific Conference. Seattle, WA. October 16, 2012.

Belwadi A, Locey CM, Arbogast KB, and Maltese MR. Comparative Performance of CRS Installed On the C/FMVSS 213 Bench and Vehicle Seats in Simulated Frontal Crashes. The 11th Annual Postdoctoral Research Symposium sponsored by the University of Pennsylvania Biomedical Postdoctoral Council. October 9, 2012.

Curry AE. Development and Validation of a Parent Survey for Reporting Child Injuries. Safety 2012: 11th World Conference on Injury Prevention and Promotion. Wellington, New Zealand. October 4, 2012 (Poster Presentation).

Curry AE. Effect of New Jersey's Decal Law on Citations and Crashes. Safety 2012: 11th World Conference on Injury Prevention and Promotion. Wellington, New Zealand. October 4, 2012 (Poster Presentation).

Kassam-Adams N. Pediatric Medical Traumatic Stress: Research Review and a Framework for Prevention. Psychology Seminar at The Children's Hospital of Philadelphia. Philadelphia, PA. September 14, 2012.

Locey CM. Homogenization of Vehicle Fleet Frontal Crash Pulses from 2000-2010. Association for the Advancement of Automotive Medicine 56th Annual Scientific Conference. Seattle, WA. October 17, 2012.

Marsac ML, Bakker A, Hildenbrand AK, Winston FK, and Kassam-Adams N. Helping Children Recover Post-Trauma: Development of a Web-based Intervention. Annual Convention of the American Psychology Association. Orlando, FL. August 2, 2012.

Marsac ML, Bakker A, Hildenbrand AK, Winston FK, and Kassam-Adams N. From Exposure to Recovery: Traumatic Stressors and Their Impact on Children and Adolescents. Annual Convention of the American Psychology Association. Orlando, FL. August 2, 2012.

Nance ML. Pediatric Trauma Resuscitation. Surgical Grand Rounds/Core Lecture Series. The Children's Hospital of Philadelphia. Philadelphia, PA. September 20, 2012.

Seacrist T. Kinematic Comparison of the Hybrid III and Q-Series Pediatric ATDs to Pediatric Volunteers in Low-Speed Frontal Crashes. Association for the Advancement of Automotive Medicine 56th Annual Scientific Conference. Seattle, WA. October 17, 2012.

Winston FK. Real-World Change from Rigorous Science & Partnerships. 2012 Governors Highway Safety Association Annual Meeting. Washington, DC. August 28, 2012.

Zonfrillo MR. Development and Validation of a Parent Survey for Reporting Child Injuries. Association for the Advancement of Automotive Medicine 56th Annual Scientific Conference. Seattle, WA. October 16, 2012 (Poster Presentation).

[View CIRP's extensive library of published papers here](#)