

Exploring CPSC NEISS Injury Data

Presenters: Tom Schroeder and Li Hui Chen of the Consumer Product Safety Commission

The National Electronic Injury Surveillance System (NEISS) is a statistical sample of hospital emergency departments reporting injuries to the Consumer Product Safety Commission (CPSC). For over 40 years, the data has been used to identify the consumer product hazards that pose the greatest risk and to guide the agency's prevention strategies. With over 800 consumer product categories and over 400,000 product-related injury visits collected each year, if used properly, this data is a great resource for injury prevention research. This workshop is targeted to those people who are interested to know how to access and properly analyze the NEISS data. Participants will gain an understanding of the NEISS data and basic knowledge of accessing and analyzing the data. The workshop will include: 1) Introduction to all of CPSC databases, focusing mainly on the NEISS data (sample design, data collection processes, data elements, weights, strengths and limitations). 2) Step-by-step introduction to the "NEISS Highlights, Data and Query Builder" (an interactive tool to access NEISS data, prebuilt tables and customized queries). 3) Basic analysis of the NEISS data using MS-Excel. 4) More detailed analysis of the NEISS data using statistical software (SAS will be demonstrated) and how to interpret the results. 5) Techniques to search through NEISS narratives. Examples will be provided throughout the workshop to facilitate learning. We will also cover some statistic background and basic rules for data analysis.

Injury Prevention Counseling in the Clinical Setting: How to Do It Efficiently and Effectively with Real Life Examples and a Discussion of Gaps in Research

Presenters:

- Mike Gittelman MD, FAAP - Professor, Clinical Pediatrics, Division of Emergency Medicine, Cincinnati Children's Hospital Cincinnati
- Wendy Pomerantz MD, MS, FAAP - Professor of Pediatrics, Cincinnati Children's Hospital, University of Cincinnati
- Mark Zonfrillo MD, MSCE, FAAP - Associate Professor, Emergency Medicine & Pediatrics, Alpert Medical School, Brown University

Physicians play a pivotal role in educating and counseling parents and families. However, there tends to be too much information to discuss in such a short time period during a health supervision visit. A guideline for approaching these anticipatory guidance issues with families and approaching issues that are age appropriate at the time of visit are essential. The effectiveness of this approach in different settings will be reviewed. Some approaches using screening tools with targeted counseling have been most effective. One tool will be reviewed with successes discussed. Also, the use of the electronic health record and surveillance screens in local communities to concentrate discussions will be reviewed. Finally, new approaches to injury counseling will be discussed along with needs for research on this topic. As injuries cause more morbidity and mortality than all other diseases combined, particular attention to injury prevention counseling needs to be addressed.

Injury Prevention Advocacy: From Evidence to Policy

Presenters:

- Christen Rexing Ph.D., MPH – LaSalle University
- Mariana Garrettson MPH – Independent Consultant
- Sara Jacoby Ph.D., MPH – University of Pennsylvania
- Corinne Peek-Asa BS, MPH, Ph.D. – University of Iowa Injury Prevention Research Center
- Paul Bonta MA – Director, Government Relations, SafeStates Alliance

Despite the significant burden of injury morbidity and mortality across US populations, injury and violence research is grossly underfunded and receives little attention from federal agencies. SAVIR is positioned to be a key organization

to which local, state, and federal agencies and decision-makers turn to for guidance on the most current research and evidence-based solutions. Violence and injury researchers need to have the skills and confidence to provide this guidance when sought, and be an active voice ensuring that policymakers have the most current evidence to inform the decisions they make on behalf of the public. In the current climate there is potential for even further cuts to any area of scientific research funding, and for a field with minimal funding to begin with, further restrictions could mean that essential research, a next generation of injury and violence researchers, and innovative programs will not be possible. Join us for an advocacy training workshop that will build capacity and confidence for effectively communicating with decision-makers about injury and violence research. Following tragic events like the mass shootings impacting communities across the United States, the public and policymakers alike are seeking solutions to America's continued gun violence epidemic. Using firearm injury prevention as a case study in our training, the proposed course will include didactic content with experienced injury and violence policy advocates, collaborative discussion and role-playing exercises. Developing and practicing advocacy techniques amplifies the voice of the organization; and can benefit researchers in their own violence and injury research areas.

Utilizing behavior change theory to conduct injury and violence prevention research

Presenters:

- Caitlin Pope Ph.D., MA, BS – Center for Injury Research and Policy at the Research Institute at Nationwide Children's Hospital and the Department of Pediatrics, in the College of Medicine at The Ohio State University.
- Lindsay Sullivan Ph.D., MA, CHES – Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital
- Lara McKenzie Ph.D., MA – Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital; Division of Epidemiology, College of Public Health at The Ohio State University
- Keshia Pollack Porter Ph.D., MPH - Johns Hopkins Center for Injury Research and Policy, Johns Hopkins Bloomberg School of Public Health

Injury is the leading cause of death for children and adults aged 1-45 years in the United States. Globally, approximately 5.8 million deaths can be attributed to injuries each year, surpassing the number of deaths resulting from malaria, tuberculosis, and HIV/AIDS combined. As injuries and violence are preventable research focusing on interventions and policy change that can lessen these events are imperative. One essential component to understanding the complexities of injury and violence is the theoretical and conceptual underpinnings of behavior change. The overall aim of this workshop is to promote the application of behavior change theories to injury and violence prevention and control research, policy, and practice. This workshop moves beyond The Haddon Model, which has guided the field of injury prevention for years, by offering an overview of commonly used behavior change theories, discussing the strengths and pitfalls of behavior change theories, and exploring ways to incorporate these theories into the design of conceptual models and embed these theories into translational research projects. From this workshop, attendees will have a working knowledge of how to use behavior change theory to inform the development of interventions and guide policy development and evaluation. The workshop will include breakout interactive learning sessions that highlight behavioral theories from other areas of research that can be incorporated into injury research and explore injury concept mapping. The session will end with an open discussion with presenters on strategies to promote the use of behavior change theory in injury and violence prevention research.