

2016 Agenda

Annual Injury Free Coalition for Kids® Conference

Forging New Frontiers: Looking into the Future of Childhood Injury Prevention

2016 Agenda

Time & Room

Thursday, December 1 2016

12:00-5:00 **Poster Set-up**
Gulfstream

Friday, December 2, 2016

7:00-8:30
Gulfstream **Registration**
Atrium **Breakfast**

8:30-8:40 **Logistics**

Salons A-D
8:40-8:50 **Welcome** Mike Mello, MD, MPH

Salons A-D
8:50-9:00 **Introduction of Keynote Speaker Kim Wiley Schwartz, Michael Mello, MD MPH**

Salons A-D
9:00-10:00 **Keynote Kim Wiley Schwartz: Vision Zero and Injury Prevention: Driving down traffic fatalities and injuries in NYC**

Salons A-D Since adopting a Vision Zero strategy in New York City at the beginning of 2014, NYC has seen a drop in traffic fatalities and injuries safer streets and put more emphasis on dangerous driving behavior. This presentation will discuss creating powerful messaging and making sense of the data to begin a culture change on NYC streets.

Participants in this session will learn to:

1. Recognize the core principals of Vision Zero and how they work;
2. Describe how to use data to craft messaging;
3. Identify resources on dangerous driving behaviors;
4. Identify collaborative approaches to injury prevention;
5. Describe ways to work with advocates for change.

10:00-10:15 **Break**

10:15-11:45 **Panel Discussion: Child Passenger Safety; Examining Hospital Based Approaches To CPS and the 4'9" Rule**

Salons A-D

Motor vehicle crashes are a leading cause of unintentional injury death for children from the ages of 1 -18. Proper use of car seats and booster seats reduce the risk of death in the event of a crash by as much as 71%. Unfortunately, many children continue to travel improperly restrained, or even unrestrained. In this panel we will discuss different approaches to providing CPS education as well as car seats in the hospital setting. We will also discuss the value of using a height of 4'9" as a general recommendation for when a child can safely use a seat belt without a booster seat.

Participants in this session will learn to:

1. Describe a NICU based child passenger safety program involving occupational and physical therapists;
2. Discuss why the 4'9" standard for no longer using a booster seat may not always predict when a child fits an adult seatbelt;
3. Describe ways to increase CPS screening on inpatient units;
4. Describe how a resource guide can help deliver CPS services to ED patients after hours;
5. Describe the epidemiology of traffic related injuries among children in Texas.

Agenda, cont.

Time & Room

Moderators: Dina Burstein, MD, MPH, CPSTI, FAAP

Research Associate, The Injury Prevention Center at Rhode Island Hospital
Asst. Professor of Emergency Medicine, Warren Alpert Medical School of Brown University
Coordinator, Safe Kids Rhode Island
Injury Free Coalition for Kids of Providence

Andrew W. Kiragu, MD, FAAP

Interim Chief, Department of Pediatrics
Medical Director, Pediatric Intensive Care Unit
Hennepin County Medical Center
Assistant Professor of Pediatrics
University of Minnesota

Presenters:

Yun Kim, OT, CPST: The development and implementation of the NICU car seat program with occupational therapy and physical therapy

Pina Violano, PhD, MSPH, RN-BC, CCRN, CPS-T: Establishing an algorithm to ensure the safety of pediatric patients involved in a motor vehicle crash discharged from the emergency department

Catherine Cavallaro, BA: Car seat assistant program implementation and evaluation

Lindsay Pollok, MPH, CPSTI: Evaluation of an after-hours child passenger safety resource guide

Amber Morse, MD: Child seat belt guidelines: examining the 4'9" rule as the standard

Ping Ma, PhD: Traffic-related traumatic injuries among children in Texas, 2005-2014

11:45-1:00

Lunch

Atrium

1:00-2:30

Panel Discussion: Motorized Vehicle Safety: Cars, ATVs and Mopeds

Salons A-D

Injuries are the leading cause of death for children over the age of one according to the Centers for Disease Control and Prevention. Motor vehicle related injuries are in the top two reasons for death for all ages over one year and are the number one reason children between the ages of five and twenty-four die. This panel will reveal injuries and injury prevention strategies to protect and improve the care of children in regard to motor vehicles.

In this session we will hear information about efforts to improve teen driving safety including partnerships (hospital/school and public private) as well as virtual reality training to decrease distracted driving. Recreational vehicle safety (ATV and Moped) will be discussed with presentations ranging from epidemiology to the effects of regulations.

We will learn the core components of two outreach programs, BITZ and teen D.R.I.V.E., to improve driver safety among high school teens. We will learn how one site was able to create an educational road safety program and fostered community engagement between public and private sectors. Participants will learn about the utilization of motion capture cameras in performing injury prevention-related research. The major characteristics and injuries associated with recreational off-highway vehicle crashes will be discussed and participants will gain insights for injury prevention related to evidence based public policy. Finally, we will learn the differences in mechanisms and patterns of moped-related injuries between adolescents and younger children and injury prevention strategies to address moped injuries in children.

Participants in this session will learn to:

1. Describe the components of two Teen driving safety programs (BITZ and D.R.I.V.E.);
2. Recognize the value of motion capture cameras in injury prevention;
3. Describe public and private collaboration in road safety programs;
4. Identify insights for prevention in off highway vehicle injuries using evidence based public policy;
5. Recognize differences in mechanism and patterns of moped related injuries between adolescents and younger children.

Moderators: Kathy Monroe, MD

Professor of Pediatrics
University of Alabama
Children's of Alabama

Joseph O'Neil, MD, MPH, FAAP

Associate Professor of Clinical Pediatrics
 Developmental Pediatrics
 Riley Hospital for Children
 Indiana University School of Medicine

Presenters:

Purnima Unni, MPH, CHES: A multi-year assessment of a hospital-school program to promote teen motor vehicle safety

Jane Edwards, BSc, MSc: Making public-private partnerships work for road safety

Jonathan Green, MD: Teen distracted reality an interactive virtual education (d.r.i.v.e.): experience and impact on teenage drivers

Jessica Waters, BA, MPH: A safer place to ride: regulations and dnr enforcement in off-highway vehicle parks increases safety behaviors

Charles Jennissen, MD: Recreational off-highway vehicle (rov) crashes: an emerging pediatric health and safety concern

Benjamin Wilkinson, BA: Pediatric moped-related injuries in the united states

2:30-2:45 **Break**

2:45-3:45 **Panel Discussion: Lessons Learned: Recent Advances in Child Pedestrian Injury Prevention**

Salons A-D

Motor vehicle related injury is a leading cause of death in children, and pedestrian trauma makes up 1 in 5 crash deaths for kids. In recent years, approximately 700 children and youth under 20 years die annually as pedestrians in motor vehicle crashes. The number of child pedestrian deaths have been slowly decreasing over the past few decades, but this is thought to largely be due to less walking rather than safer walking environments. How do we encourage walking to school without increasing the risk of child pedestrian trauma? The abstract presentations in this session will focus on research on child pedestrian knowledge and behaviors, walking to school, pedestrian and driver behaviors at school drop off and the built environment as it relates to pedestrian injury risk. Innovative work in using the tools of injury mapping and video surveillance will be presented. These studies have meaningful implications for addressing the current challenges in the prevention of child pedestrian injury.

Participants of this session will learn to:

1. Describe evaluation methods for determining effectiveness of safety education programming;
2. Recognize certain built and social environment features that are associated with higher child pedestrian motor vehicle collisions near school;
3. Recognize how often dangerous driver and pedestrian behaviors are observed at elementary schools during school morning drop-off time;
4. Describe correlates of child pedestrian-motor vehicle collisions related to dangerous drop-off and pedestrian behavior;
5. Describe the value of the use of video surveillance in school-based child pedestrian injury prevention.

Moderator: Kyran Quinlan MD, MPH

Associate Professor of Pediatrics
 Rush University Medical Center
 Chair, Council on Injury Violence and Poison Prevention
 American Academy of Pediatrics

Presenters:

Melody Schaeffer, MPH: Safe summers: adapting evidence-based injury prevention to zip codes of high trauma incidence

Linda Rothman, BScOT, MHSc, PhD: Child pedestrian collisions, walking to school and the built environment: a case control study

Jillian Savino, CHES: Primary school drop-off zone safety analysis of hazardous road conditions utilizing video review

Alison Macpherson, PhD: Dangerous student passenger drop-off, pedestrian behaviors and the built environment near schools

4:00-5:00 **Group Meetings**

Salon A-B

PI meeting

Salon C-D

PC meeting

Agenda, cont.

Time & Room

- 6:00-7:30 **Welcome Reception/Site Posters** (6:45-7:15 Manned)
Tarra/Aqua
- 7:30-10:00 **Board Meeting**
Causeway 3

Saturday, December 3, 2016

- 7:00-8:00
Atrium **Breakfast**
Salons A-D **PC meeting**

- 8:00-8:05 **Welcome**
Salons A-D
- 8:05-8:15 **Award Presentation & Intro of Keynote Speaker David Hemenway, PhD, Mike Hirsh, MD**
Salons A-D

- 8:15-9:15 **Keynote David Hemenway, PhD: A Half Century of Injury Prevention Research: Personal Reflections**
Salons A-D
- Injury is the number one cause of hospitalization and death for young people. Acknowledging it is often useful to step back from day-to-day activities and take a view from 50,000 feet, during this session Harvard Professor Dr. David Hemenway will discuss the many lessons learned during his 20 year highly acclaimed career in injury and violence prevention. He will provide tips for injury researchers and practitioners, and he will reveal successes and failures. In addition, knowing experience can be the best teacher, he will share a historical perspective of the field of injury prevention.

Participants in this session will learn to:

1. Recognize some of the major advances in the field;
2. Describe some of the biggest challenges yet to be accomplished;
3. Identify some of the most important surveillance needs in the field;
4. Recognize some of the crucial research issues to be addressed;
5. Recognize are some of the most important implementation needs.

- 9:15-9:30 **Break**

- 9:30-11:00 **Panel Discussion: The Burden of Violence and How Injury Prevention Can Make an Impact?**
Salons A-D
- Our country is burdened with 33,000 gun fatalities yearly. 2016 it is expected that motor vehicle fatality will be superseded by gun fatality for the first time in modern history. 60% of these fatalities come from suicide. As we learned from Dr. David Hemenway's seminal work, "Private Guns, Public Health", this is a uniquely American dilemma. This panel will explore various aspects of the problem that the attendees can take home to their regions.

Participants in this session will learn to:

1. Describe background data on gun violence in our country;
2. Recognize suicide prevention as low hanging fruit in gun violence prevention;
3. Identify child neglect prevention/recognition efforts;
4. Identify intimate partner violence as part of the gun violence problem;
5. Describe a provider tool kit for having safe storage conversations with gun owning families.

Moderators: Mike Hirsh, MD

Peds Surgery/Trauma/ Injury Prevention,
UMASS Memorial Children's Medical Center
Medical Director, Worcester DPH

Judy Schaechter, MD, MBA

Professor and Chair, Department of Pediatrics
University of Miami Miller School of Medicine
Chief of Service, Holtz Children's Hospital at UMiami/Jackson Health Systems

Presenters:

Lois Lee, MD, MPH: Violent injuries in the United States: emergency care and associated costs, 2000-2010

Michael Levas, MD, MSCT: Factors driving worse quality of life in youth victims of violence compared to non-injured matched controls

Steven Rogers, MD, MS-CTR: Fresh check day: a novel approach to improve suicide prevention among college students

Erin Evans, MS: Child welfare professionals' determination of when certain unsafe activities and lack of child protection constitutes child neglect

Maureen Dunn, MD: The prevalence of intimate partner violence among clients receiving services in community hair salons

Cassie King, BS: Increasing safe firearm storage awareness and action through a community-based giveaway program

11:00-11:15 **Break**

11:15-12:15 **Panel Discussion: Injury Prevention Practices**

Salons A-D

Injury is the leading cause of pediatric mortality, and primary prevention activities have been shown to decrease injury and are cost-effective. Yet, the challenges of providing programming to those who need it the most remain. In this panel we will have a presentation on the various models of prevention programming that are used in Injury Free sites. A second discussion will examine ways to incorporate prevention material into Head Start, a federally funded child development program targeting high risk children. The critical role of mentoring young prevention specialists will be explored in a third presentation. Finally, there will be a discussion on legislating prevention from our Canadian colleagues.

Participants of this session will learn to:

1. Recognize the variety of programming in Injury Free sites;
2. Identify key factors associated with sustainability within Injury Free sites;
3. Discuss the opportunities and barriers to incorporating injury prevention topics into existing programs targeting high risk populations;
4. Discuss the importance of a training program to maximize the experience of young injury prevention workers;
5. Describe how to develop collaborative relationships among injury professionals and policy makers to ultimately impact the legislative process.

Moderator: Barbara A. Gaines, MD

Professor of Surgery

University of Pittsburgh School of Medicine Clinical Director

Pediatric General and Thoracic Surgery

Director, Trauma and Injury Prevention

Children's Hospital of Pittsburgh of UPMC

Presenters:

Ian Pike, PhD: Barriers and enablers to enacting injury prevention legislation in Canada

Amanda Davani, MS, CPST: Working with interns to extend the reach of your safety program: best practices

Eileen McDonald, MS: Opportunities to enhance injury prevention services with head start programs

Sofia Chaudhary, MD: Injury Free Coalition for Kids: markers for success and sustainability

12:15-1:15 **Lunch**

Atrium

1:15-2:45 **Workshop I**

Salon A

Topic A: Injury Control Research Centers - Looking into the Future of Childhood Injury Prevention

This exploratory meeting will provide an opportunity for injury control research center representatives to have a dialogue about current injury control projects and allow for a question and answer session from other participants interested in learning about and/or becoming an ICRC. We will also encourage discussion of planned work as well as discussion of the "future of childhood injury prevention". This type of communication will help improve injury prevention efforts by allowing us to learn from leaders in our field. This workshop will provide a forum for collaboration and guidance by these leaders and help to break down the "silos" of injury prevention efforts across the country. This will improve all of our injury prevention efforts.

We also hope that the ICRCs will take advantage of this meeting to discuss benefits and problems working as an Injury Control Research Center and share solutions to those problems in a closed door or private meeting to follow the question and answer session. Finally, we will lead a discussion of the potential benefits of participating in the Injury Free Coalition National Conference annually to present progress and plan future collaborative projects. This will also allow an Injury Free representative to discuss future

needs of the ICRC and how Injury Free may assist in providing an annual meeting place.

Participants in this session will learn to:

1. Obtain guidance on current injury research efforts by leaders in the field;
2. Recognize injury control projects as well as planned/future projects;
3. Identify opportunities for collaboration;
4. Identify benefits and problems working as an Injury Control Research Center;
5. Describe future Injury Free Coalition National Conference benefits and needs for ICRCs.

Presenter/Moderator: Steven C. Rogers, MD, MS-CTR

Attending Physician - Division of Emergency Medicine
 Director - Emergency Mental Health Services
 Connecticut Children's Medical Center
 Research Scientist
 Connecticut Children's Injury Prevention Center
 Associate Professor
 University of Connecticut School of Medicine

Salon B

Topic B: Developing an Injury Free Coalition for Kids Site

Forging New Frontiers, The Annual Conference of the Injury Free Coalition for Kids, is one of the longest running injury prevention focused meetings designed to foster collaborative research, develop best practices and address challenges in the field of injury prevention. It is a centerpiece in the arsenal of injury prevention efforts made by the Injury Free Coalition for Kids. This workshop will provide attendees a brief history of the establishment and challenges of forming a 20-year old organization designed to stop the number one killer and cause of hospitalization of young people. It will look at the changes the organizational focus has gone through in order to best serve its membership and their efforts to address issues within the field of injury prevention. In addition, it will look at resources available to members and the challenges of serving membership needs.

Participants in this session will learn to:

1. Describe the challenges of building a nationwide hospital based community oriented organization designed to address needs within the local communities of its membership;
2. Identify resources available to assist in injury prevention efforts;
3. Recognize roles individuals across the country can play in the formation of a national effort;
4. Describe the importance of relationships between organizations addressing injury prevention;
5. Recognize the importance of support for organizations and individuals in the field of injury prevention.

Moderator: Estell Lenita Johnson, MA

Programming, Marketing & Communications Director
 Injury Free Coalition for Kids

Presenters:

Barbara Barlow, MD, Founder & Executive Director of the Injury Free Coalition for Kids
 Beverly Miller, MEd, Associate Director, Injury Prevention Center, Arkansas Children's Hospital and University of Arkansas for Medical Sciences
 DiLenny Roca Dominguez, MPH, Senior Cluster Administrator, Department of Epidemiology Columbia University, Mailman School of Public Health, Injury Free Administrator
 Walter Rice, MSE, Injury Free Webmaster

Salon C

Topic C: Volunteer Driven Home Safety Program

As part of our injury journey to go from great ideas to learning, spread and population change, we were faced with a few challenges. Three of the top challenges being 1) very few examples of changing health at the population level 2) age and environment variance in injury mechanisms and therefore prevention strategies and 3) lack of manpower to successfully reach engagement numbers that would move the data dial. We found it necessary to start small and narrow outreach focus to create a program model that was sustainable, effective and expandable to affect change on a population level.

Following injury trends reported thru the hospital trauma registry to identify top injury mechanism, location of injury, high-risk age group and top community effected, Injury Free Cincinnati create a community and volunteer driven program model for home safety for

children <5 living in the high risk community of Norwood, Ohio. This model has been proven to successfully disseminate important injury prevention education, build Injury Free community partnerships, reduce PC efforts to distribute product on a measurable scale and if needed, supports the provision of product installation. Collaboration and interdependent leadership with community leaders, volunteers and local agency resources resulted in successful dissemination of evidence-based home safety education and equipment installation intervention; significantly reducing the expected number of children with medically-attended home injuries in the targeted high risk neighborhood by up to 60%.

Participants in this session will learn to:

1. Recognize a sustainable and effective method of injury prevention outreach that can create change at a population level while reducing PC manpower;
2. Describe how to use interdependent leadership and the Organizing Theory of Change to build and maximize the efforts of community collaboration and volunteers;
3. Describe how to use the program structure model to create a program that can be expandable and adaptable to the specific needs of Injury Free targeted populations and injury prevention focuses;
4. Identify networks within a community that build a platform to effectively and continuously promote injury prevention outreach;
5. Describe how to engage targeted families to become injury prevention champions.

Presenter/Moderator: Dawne Gardner, MBA, CPST

Comprehensive Children's Injury Center (CCIC)
Injury Prevention Specialist
Cincinnati Children's Hospital Medical Center

3:00-4:30

Workshop II

Salon A

Topic A: Getting Your Work on Paper and then to Presentation: How to Write a Scientific Abstract

Writing a scientific abstract can be a daunting task for those who have limited experience in medical writing. This is an important skill to learn in order to be able to present your program or research study at professional meetings, as being accepted for presentation at these meetings is contingent on the clarity and quality of your writing. The basic format typically includes: Background (including objectives of program/study), Methods, Results, and Conclusions. In this workshop we will explain the content that should be included in each of these sections. We will review various examples of abstracts of differing quality. In this workshop we will also break up into small groups to practice writing each section of the abstract. Participants will be asked to bring some information or data related to a program/study on which they are currently working to use for their abstract writing practice. Study examples will also be provided for participants to use for abstract writing practice, if they are not able to provide their own.

Participants in this session will learn to:

1. Recognize the format behind writing a scientific abstract;
2. Describe the important components to include in the sections of the abstract;
3. Identify skills to clearly state the objectives, methods, results, and conclusions of your abstract;
4. Demonstrate writing a medically scientific abstract;
5. Discuss a framework to critically review an abstract.

Moderator: Lois K. Lee, MD, MPH

Attending physician
Division of Emergency Medicine
Boston Children's Hospital
Assistant Professor of Pediatrics and Emergency Medicine
Harvard Medical School

Presenters:

Marlene Melzer-Lange, MD, FAAP, Professor of Pediatrics
Medical College of Wisconsin

Dina B. Burnstein, MD, MPH, CPST1, FAAP, Research Associate, The Injury Prevention Center at
Rhode Island Hospital, Assistant Professor of Emergency Medicine, Warren
Alpert Medical School of Brown University, Coordinator, Safe Kids Rhode Island

Alison Riese, MD, MPH, Assistant Professor of Pediatrics. Division of General Pediatrics, Assistant Professor of Medical Science,
Section of Medical Education, Alpert Medical School of Brown University

Pina Violano, PhD, MSPH, RN-BC, CCRN, CPS-T, Manager, Injury Prevention, Community Outreach & Research, Yale-New Haven Hospital, Injury Free Coalition for Kids of New Haven, Co-Director & Co-Principle Investigator, Yale-New Haven Children's Hospital, Emergency Medical Services for Children Program Director and Co-Principal Investigator

Salon B

Topic B: Developing an Inpatient Injury Prevention Consult Program

The Injury Prevention Center at Phoenix Children's Hospital has been conducting injury prevention consultations with children admitted inpatient since 2008. In 2015, the team successfully completed over 600 consultations addressing the needs of families through education, behavioral intervention and product distribution methods. Focus areas include: home, water, child passengers, motorized and non-motorized vehicles, and pedestrians.

During this workshop, participants will hear the history of Injury Prevention's consultation program. Barriers, challenges and outcomes related to program growth and increased needs will be discussed. The presentation will review the structure and function of other injury prevention consult programs throughout the United States in order to provide varying options for hospitals looking to develop their own consultation programs. Participants will learn techniques for creating and delivering effective content and best practices for communication with families. The workshop will also cover models for program sustainability and how to engage other departments within the hospital.

Participants in this session will learn to:

1. Discuss the development and purpose of injury prevention consultation programs;
2. Describe skills related to clinical health education;
3. Identify opportunities for injury prevention program development;
4. Describe a supportive educational environment after a trauma;
5. Recognize attributes of injury prevention consultations.

Presenter/Moderator: Carrie Cantrell, LMSW, MPH

Injury Prevention Specialist
Triple P Practitioner
Center for Family Health and Safety
Phoenix Children's Hospital

Salon C

Topic C: Intimate Partner Violence and Its Impact on Children: Research, Education and Training, Community Outreach Programs, and Policy/Advocacy Opportunities for Injury Free Coalitions

This workshop will describe the epidemiology of IPV with a focus on the short and long term health consequences for children. Intimate partner violence (IPV) is frequent and its outcomes severe. In the U.S., one in four women will report IPV in her lifetime. Roughly half of men who abuse their female partner also abuse her children. Children exposed to IPV often face life-long negative consequences, including a host of physical and psychological impairments that compromise healthy child development and constitute a serious public health issue. Best practices are not consistently implemented by systems serving these children, and there is a need to strengthen the evidence base for child-focused interventions.

Injury Free coalitions are well positioned to take an active role in reducing the costs of this major public health problem. This workshop will provide an overview of strategies and best practices for Injury Free coalitions to address IPV. Potential research activities including the evaluation of IPV screening in pediatric clinical settings and community based settings (such as local hair salons) will be examined. Strategies for supporting research and evaluation within key state agencies (e.g. child protective services) will be described. Opportunities for students and practicing community medical providers will be outlined and examples of education and training programs and fellowships will be illustrated. The workshop will also provide information on establishing and maintaining partnerships with state and local IPV providers and why these partnerships are fundamental for supporting and implementing primary prevention community outreach education programs such as Safe Dates will be explained. The workshop will provide information on state based policy and advocacy initiatives and changes, such as legislative enactment that would remove the firearms of an abuser when he or she is the subject of a temporary, ex parte restraining order. Finally, IPV resources available to Injury Free coalitions will be highlighted.

Participants in this session will learn to:

1. Describe the epidemiology of intimate partner violence;
2. Describe the short and long term health consequences of IPV exposure to children;
3. Describe domestic violence research, education and training opportunities for Injury Free coalitions;
4. Describe current community based domestic violence service providers and their scope of work;
5. Describe domestic violence community outreach programs, and policy/advocacy opportunities for Injury Free coalitions.

Presenter/Moderator: Garry Lapidus, PA-C, MPH

Injury Free Hartford

Director, Connecticut Injury Prevention Center

Connecticut Children's Medical Center & Hartford Hospital

Associate Professor, Pediatrics & Public Health, UCONN School of Medicine

5:30-6:30 **Posters/Reception** (6:00-6:30 author attended)

Gulfstream

6:30-9:00 **Dinner**

Causeway 1-3

Sunday, December 4, 2016

7:00 AM Grab breakfast and join us in the business meeting.

Atrium

7:30 -9:00 Business meeting. 8:00-9:00

Salons A-D

8:00-9:00 **Breakfast**

Atrium

9:00-9:05 **Introduction of Keynote Rod McClure, MBBS, PhD, FAFPHM, Steven Rogers, MD, MS-CTR**

Salons A-D

9:05-10:05

Salons A-D

Keynote: Rod McClure, MBBS, PhD, FAFPHM: The Systemic Approach to Injury Prevention

Society is the system within which populations exist. Sustained change made at the societal level to reduce population-level indicators of injury morbidity and mortality involves systemic change. In this presentation, we consider a shift from the contemporary systematic approach to injury and violence prevention, to a systemic approach more consistent with the principles of ecological public health. We consider the extent to which the logic of the systematic model, and the related misconceptions about the role of uncertainty in science, limit local, national, and global efforts to minimize injury related harm. The shift from an individual to a population perspective has substantial implications for the way we perceive, direct, undertake, and evaluate injury prevention research and practice. The analogy of "the population as patient" provides a clear illustration of the foundational truths that underpin the preferred public health approach to the prevention of injury.

Participants in this session will learn to:

1. Identify the scope that still remains for reducing injury related harm;
2. Recognize the differences between the systematic and systemic approaches to injury prevention;
3. Recognize a range of qualitative tools for facilitating systems thinking;
4. Describe the value of quantitative tools that support a systemic approach;
5. Describe how to implement and evaluate systemic interventions for the prevention of childhood injury.

10:05-10:20 **Break****10:20-11:30 Panel Discussion: Injury Control Research Centers: Past, Present and Future Injury Prevention**

Salons A-D

The Center for Disease Control has been funding Injury Control Research Centers (ICRCs) throughout the United States to study ways to prevent injuries and disabilities since 1987. Injury Control Research Centers conduct research in all three core phases of injury control (prevention, acute care, and rehabilitation) and serve as training centers as well as information centers for the public. Research design in these centers is interdisciplinary and incorporates the fields of medicine, engineering, epidemiology, law, and criminal justice, behavioral and social sciences, biostatistics, public health, and biomechanics. During this panel session we will hear from leaders in our field about their cutting-edge research and exciting programs from current and past ICRCs.

Participants in this session will learn to:

1. Describe the variety of injury prevention efforts being conducted by CDC sponsored ICRCs across the United States;
2. Recognize the importance of designing and conducting region specific programs and research activities;
3. Identify current research and program priorities being conducted by ICRCs;
4. Describe complexities of designing meaningful injury control research and programs;
5. Recognize the challenges of transitioning from an ICRC to an independent Injury Prevention Center.

Moderator: Steven Rogers, MD, MS-CTR

Attending Physician - Division of Emergency Medicine
 Director - Emergency Mental Health Services
 Connecticut Children's Medical Center
 Research Scientist
 Connecticut Children's Injury Prevention Center
 Associate Professor
 University of Connecticut School of Medicine

Presenters:

Robert M. Bossarte, PhD, West Virginia University, Injury Control Research Center
 Maria Kajankova, PhD, Icahn School of Medicine at Mount Sinai: Response of school districts to the New York State Concussion Awareness and Management Act: A Review of Policies and Procedures
 Eileen McDonald, MS, Johns Hopkins Center for Injury Research and Policy: National Survey Results of Opioid Storage Practice in Households with and without Children
 Sofia Chaudhary, MD, Emory University School of Medicine: A Look at an Injury Prevention Research Center post CDC Funding: Surviving and Succeeding
 Lisa Roth, BS, University of Iowa Injury Prevention Research Center: A comparative effectiveness study of two parent programs designed to support children after traumatic injury: a patient engaged approach in four children's hospitals in the Midwestern United States
 Joyce Pressley, PhD, MPH, Columbia University of New York: Child restraint and injury in NYC infants, children and teens: A comparison of taxis and private vehicles

11:15-11:45 **Break**

11:30-12:45 **Panel Discussion: Three E's of Home Safety: Epidemiology, Education, and Environmental Change**

Salons A-D

Injuries in the home are leading cause of for young children but many can be prevented. But first we need to better understand the circumstances. In the first paper, the authors will present the epidemiology and events surrounding drownings in home pools so that they can design an effective intervention. Education, along with the distribution of safety products, can be an effective strategy to decrease injury. In the second paper, the authors will present their innovative class room based home fire safety curriculum which included the installation of smoke detectors. In the third paper, the authors will present their rigorous evaluation of a home safety curriculum directed toward first time parents. In the final paper, the authors discuss the challenges of protecting the most vulnerable children—those who are homeless and are living in shelters.

Participants in this session will learn to:

1. Describe the epidemiology of home drownings
2. Identify ways to use the epidemiology of home drownings to develop programming to reduce risks from drowning
3. Describe the components of an effective program to reduce childhood home injuries and articulate a rigorous approach to evaluating the program's effectiveness
4. Recognize different home safety intervention strategies for family homeless shelters and discuss their effectiveness
5. Recognize partners from other disciplines who can collaborate on home injury prevention activities

Moderator: Karen Sheehan MD, MPH

Mary Ann and J. Milburn Smith Child Health Research Program
 Stanley Manne Children's Research Institute
 Attending, Ann & Robert H. Lurie Children's Hospital of Chicago
 Professor of Pediatrics & Preventive Medicine, Northwestern University's Feinberg School of Medicine

Presenters:

Tiffany Isaacson, BS: Pediatric water-related incidents: a closer look at home pool supervision and barrier use for children ages 1 to 4
 Tanya Charyk Stewart, MSc: Home safe home: evaluation of a childhood home safety program
 Maria McMahon, MS, cPNP-AC: Evaluation of a home safety program for family homeless shelters

12:45 **Box Lunch**

Accreditation

Continuing Medical Education

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Cincinnati Children's and the Injury Free Coalition for Kids at the Center for Injury Epidemiology and Prevention, Mailman School of Public Health, Columbia University. Cincinnati Children's is accredited by the ACCME to provide continuing medical education for physicians. Cincinnati Children's designates this live activity for a maximum of 14.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure

Cincinnati Children's requires all clinical recommendations to be based on evidence that is accepted within the profession of medicine and all scientific research referred to, reported or used in support of or justification of patient care recommendations conform to the generally accepted standards of experimental design, data collection and analysis. All faculty will be required to complete a financial disclosure statement prior to the conference and to disclose to the audience any significant financial interest and/or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in his/her presentation and/or commercial contributor(s) of this activity. All planning committee members and/or faculty members were determined to have no conflicts of interest pertaining to this activity.