



**Celebrate, Collaborate, Continue the Journey...  
20 Years of Forging New Frontiers  
The 2015 Annual Conference of the Injury Free Coalition for Kids®**

## Keynote Speakers



### ***Forging evaluation-informed collaborations and collaborative evaluation***

**Carolyn J. Cumpsty-Fowler, PhD, MPH  
Assistant Professor  
Johns Hopkins University School of Nursing**

#### **About the speaker**

Dr. Carolyn Cumpsty-Fowler is an Assistant Professor at the Johns Hopkins University School of Nursing. She holds a joint appointment at the Johns Hopkins Bloomberg School of Public Health and is Director of Evaluation and Core Skills Training at the Mid Atlantic Public Health Training Center. Since 1993 she has been on the faculty of the Johns Hopkins Center for Injury Research and Policy; serving as faculty director for the Johns Hopkins Summer Institute *Principles and Practice of Injury Prevention* since 1999. Following training in nursing, midwifery and community health at the University of Cape Town (UCT), Dr Cumpsty-Fowler began her career in injury prevention; completing a PhD at UCT and a post-doctoral fellowship with Professor Susan Baker at Johns Hopkins. From 1999-2010, Dr. Cumpsty-Fowler led the injury prevention program and Child Death Review Team at Baltimore County Department of Health. She remains engaged in public health practice-related evaluation. As part of Johns Hopkins Hospital's Healthy Work Environment research team, Dr. Cumpsty-Fowler uses evaluation and assets-based leadership methodologies in QI, capacity development and culture change interventions related to patient safety. Dr. Cumpsty-Fowler, an award-winning educator, serves on the Partnership for a Safer Maryland's Board of Directors, the Safe States Alliance's Workforce Development Committee, the National Center for the Review and Prevention of Child Deaths' Advisory Committee, and Chaired two advisory committees for the CDC's National Center for Injury Prevention and Control from 2005-2014.



## ***The Biomechanics of Injury***

**David Fowler**

**MB.ChB. M.Med path. (forens)**

**FAAFS, FCAP, FNAME, DABP**

### **About this keynote**

This presentation will cover basic biomechanics of injury, with pertinent examples from everyday life that can be translated into injury prevention. During his presentation various topics will be presented challenging some of the conventional wisdom as to how injuries occur, and why some of these issues may not be quite as simple as presented within the current literature. There are many ways that biomechanical information can be obtained by research. In the past animal models were used, nowadays largely replaced with mechanical simulation. However one of the methods often largely ignored is the painstaking anecdotal information gathered by the forensic pathologist as part of the routine death investigation process. These data are often ignored as they are difficult to collect and evaluate as these are not scientifically controlled studies, but collections of medical records that take considerable time and effort for appropriate data extraction and analysis. However these data are often the richest and most informative sources of information and understanding how human beings are injured and how we can appropriately protect them as they go about their daily lives. This presentation will highlight examples from this source of data and how these data can also be potentially misinterpreted.

### **About the speaker**

Dr. David Fowler is the Chief Medical Examiner for the state of Maryland. He oversees a death investigation system for a population of almost 6,000,000 people in 23 counties and Baltimore city.

He graduated at the University of Cape Town in 1983 and did a year of general medical and surgical internship, followed by a year of pediatric pathology at the Red Cross Children's Hospital in Cape Town. He then started and completed a five-year full time training program in forensic pathology at the University of Cape Town earning his master of medicine in forensic pathology. This was followed by additional training in the United States at the University of Maryland and the Office of the Chief Medical Examiner for the state of Maryland. In addition to his specialist qualification from South Africa is also board certified in anatomic and forensic pathology by the American Board of Pathology.

Dr. Fowler is an Associate Professor at the University of Maryland in the departments of pediatrics and pathology, adjunct faculty at the University of Baltimore, faculty at the National Study Center for Trauma and EMS, the Johns Hopkins Bloomberg School of Public health Injury Center, George Washington University, and Visiting Professor at multiple other universities. He also has regular teaching commitments at the FBI Academy in Quantico.

He is part of the editorial team and author of several chapters in new publications on forensic neuropathology and forensic pathology as well as having contributed chapters in emergency medical textbooks and forensic pathology textbooks and has co-authored over 80 peer reviewed journal articles. He is currently the Vice President the National Association of Medical Examiners as well as chair of the inspection and accreditation committee of that association.



## ***Prevention of injuries to children and adolescents: where we've been and where we need to go***

**Frederick Rivara, MD, MPH  
Seattle Children's Guild Endowed Chair in Pediatric Research  
Vice Chair and Professor, Department of Pediatrics  
University of Washington**

### **About the speaker**

Frederick P. Rivara MD, MPH – Dr. Rivara is the holder of the Seattle Children's Guild Association Endowed Chair in Pediatrics, Professor of Pediatrics and adjunct Professor of Epidemiology at the University of Washington. He is chief of the Division of General Pediatrics and vice chair of the Department of Pediatrics in the School of Medicine. Dr. Rivara earned a bachelor's degree at the College of the Holy Cross in Worcester, MA and received his MD from the University of Pennsylvania and an MPH from the University of Washington. He completed residencies at the Children's Hospital Medical Center in Boston and the University of Washington and was a Robert Wood Johnson Clinical Scholar at the University of Washington. He also served in the National Health Service Corps in Hazard, KY. He is editor-in-chief of JAMA Pediatrics.

Dr. Rivara served as founding director of the Harborview Injury and Research Center in Seattle for 13 years, founding president of the International Society for Child and Adolescent Injury Prevention, and his contributions to the field of injury control have spanned 30 years. He has received numerous honors including the Charles C. Shepard Science Award from the Centers for Disease Control and Prevention, the American Public Health Association, Injury Control and Emergency Health Services Section Distinguished Career Award, and the American Academy of Pediatrics, Section on Injury and Poison Prevention, Physician Achievement Award, and UW School of Public Health distinguished Alumni Award. Rivara was elected to the Institute of Medicine in 2005. Rivara is also a founding board member of the Washington State Academy of Science. Dr. Rivara was chosen as a recipient of the Stanley Stamm Housestaff Role Model Award by the pediatric residents of the University of Washington.

His research interests have included the epidemiology and outcome of youth sports concussions, efficacy and promotion of bicycle helmets, prevention of pedestrian injuries, youth violence, the epidemiology of firearm injuries, intimate partner violence, interventions for alcohol abuse in trauma patients and the effectiveness of trauma systems in the care of pediatric and adult trauma patients. He continues as an active clinician, teacher, investigator, and advocate at the University of Washington and Seattle Children's Hospital.



## ***It Takes a “Safe” Village: CDC Perspective on Child Injury Prevention***

**Grant T. Baldwin, PhD, MPH  
Division Director, Unintentional Injury Prevention  
National Center for Injury Prevention and Control**

### **About this keynote**

Dr. Baldwin will provide an overview of the CDC perspective on child injury prevention. This will include documenting the significant causes of the burden in the United States and outlining the CDC National Action

Plan for Child Injury Prevention. He will also showcase current CDC activities in the area and identify gaps in practice and research. Finally, Dr. Baldwin will discuss how greater implementation of known, effective intervention can further reduce child injury-related morbidity and mortality.

### **About the speaker**

Dr. Grant Baldwin is the Director of the Division of Unintentional Injury Prevention at the National Center for Injury Prevention and Control in the Centers for Disease Control and Prevention. He has served in this capacity since September 2008.

Unintentional injuries are the leading cause of death for persons 1 to 44 years of age. DUIP is dedicated to reducing the number and severity of unintentional injuries through science-based programs and applied research. CDC is focused on preventing injuries and fatalities from motor vehicle-related crashes, older adult falls, prescription drug overdoses, and traumatic brain injuries – especially those caused in youth sports and recreation. Child injury prevention remains a key focal area too.

Dr. Baldwin joined the CDC Injury Center in November 2006 as acting Deputy Director. In this role, Dr. Baldwin assisted the NCIPC Director in providing overall leadership and direction for the Center. He began his career at CDC in September 1996.

Dr. Baldwin received his PhD in Health Behavior and Health Education at the University of Michigan School of Public Health in 2003. He also received a MPH in Behavioral Sciences and Health Education from the Rollins School of Public Health at Emory University in 1996. Currently, he is also an adjunct Associate Professor at Emory University’s Rollins School of Public Health.