Milken Institute School of Public Health

- Top-ranked public health research and education powerhouse
- The *only* school of public health in the United States capital
- 6 academic departments and over 17 organized research units
- Over **460 full & part-time faculty**
- **2,400+ students from around the world**
- 10,000+ alumni from around the world
Research & Education Excellence in:

- Health diplomacy & governance
- Global health policy
- Global health economics
- Program evaluation
- Humanitarian emergencies
- Global health communication
- Non-communicable diseases
- Road safety & injuries
- Maternal, newborn & child health
- Infectious diseases & malaria
A multidisciplinary GW-SPH faculty conducts injury prevention work in the US & globally
– Defining epidemiologic burden, understanding risk factors, exploring potential interventions & estimating economic impact of injuries
– Investigation of clinical and health policy issues related to improving quality of emergency care
– Wide-ranging epidemiologic and preventive intervention studies in occupational injury
– Optimize trauma care through education, collaboration and research
– Assessment of walkable urban spaces in large metropolitan areas in the U.S. & internationally
Development and Implementation of a Novel Prehospital Care System in the State of Kerala, India

Heather A. Brown, MD, MPH; Katherine A. Douglass, MD, MPH; Shafi Ejas, MBBS; Venugopalan Poovathumparambil, MBBS

Overcrowding in emergency departments and adverse outcomes
Death and admission rates are higher when length of stay is longer
Melissa L McCarthy, associate professor

The impact of shift starting time on sleep duration, sleep quality, and alertness prior to injury in the People’s Republic of China
David A. Lombardi, Kezhi Jin, Céline Vetter, Theodore K. Courtney, Simon Folkard, Anna Arlinghaus, Youxin Liang, and Melissa J. Perry

Global childhood unintentional injury surveillance in four cities in developing countries: a pilot study
Ahsan M. Hulker, Todd F. Sugerman, Prasanta Pal, Banachandra Rout, Hiralal Banskota, Yenliu F-Sayed, Macros Ia, Fadus Rizman, & Maryjane Perez

Objective: To test the feasibility and feasibility of childhood injury surveillance and to reduce the risk factors for such injuries in low-income and middle-income countries using emergency department (ED) surveillance data.

Methods: This pilot study examines the feasibility of a multi-country global childhood injury surveillance system (GCOI) and was based on a sequential sample of children <15 years of age who were transported to the project sites in Bangladesh, Colombia, India, and Pakistan over a 3-4 month period, which varied by site, in 2007.

Findings: Of 1,840 reported children across all sites, 1,000 were males (54%) and 840 were females (46%). Children <1 year old were significantly more frequent (54%) in the injury events. They occurred in a variety of environments, e.g., while riding a bicycle in 53% and during the day in 11%. Of all the injuries, 914 (50%) involved the hands, 350 (22%) involved the head, 310 (17%) involved the lower limbs, and 210 (11%) involved the upper limbs. Falls occurred more often from stairs or balconies and vehicle-related injuries while riding bicycles or scooters, respectively. Seventy percent of injuries were classified as mild injury, whereas 9% were classified as severe injury, and 10% were classified as fatal injury.

Conclusions: Identifying and reducing risk factors for childhood injuries in low-income and middle-income countries is possible through improved surveillance and targeted interventions.
Road safety

- Dedicated to improving global road safety
  - Improving collection, **analysis** and use of data on road safety
  - Monitoring and **evaluation** of road safety interventions
  - **Giving voice** to the neglected disability impact of RTIs
  - Developing **surveillance** systems and trauma registries
  - **Capacity development** in low-middle-income countries
Road safety (2)

• Actively involved in the field of road safety in the United States and globally through:
  – Supporting the **Vision Zero Initiative** of the District of Columbia
  – Participating in programs in India, Pakistan, Uganda, Vietnam, etc.
  – Coordinating the World Conferences on Injury Prevention and Safety Promotion (Secretariat)
  – Collaborating with road safety organizations and networks globally (YOURS, ASIRT, NGOS, Road Injuries Research Network, etc.)
UNRSC membership

• Committed to reducing the global burden of RTIs
• **Share & endorse UNRSC vision and objectives**
• The *main representative*, Dr. Adnan Hyder has
  – in-depth knowledge of the structure and participants
  – Experience in supporting several activities of the UNRSC
• Dedicated to
  – Collaborate across all UNRSC project group activities
    • By providing technical support in research, training and capacity
ten development, economic evaluation and policy analysis
  – Support UNRSC Secretariat and the members with the M&E
efforts of the collaboration
We would be delighted to
• Bring the power, expertise and skills of:
  – A multi-disciplinary, experienced, school of public health
  – Combined with 13 other schools/disciplines including law, public policy, management, engineering, medicine, nursing
  – Dedicated faculty with global experience
  – Technical assistance to UNRSC
  – Offer our facilities to host a UNRSC meeting in Washington, DC
Thank you!