

# The Cardiff Model: Addressing Violence through Shared Information and Multisector Partnership

## Overview of the Cardiff Model

The Cardiff Model is a unique and enhanced violence surveillance system that involves information sharing and violence prevention planning among sectors of civil society.

### The Model Requires:

- a) Initiating information collection for assaults that present to emergency departments (EDs)
- b) Gathering, linking, and mapping interpersonal violence and assault information from EDs, police, emergency medical services (EMS), public health, and other relevant sources
- c) Developing user-friendly summaries and reports of trends in violence incidents, violence “hotspots” and other information, using information from the multiple sources
- d) Convening a multidisciplinary stakeholder consortium to discuss and utilize the information, and developing and implementing informed violence prevention activities



## Why the Cardiff Model Matters

- Many community-based violence prevention strategies are developed based solely on the review of law enforcement assault data.
- Literature shows that for various reasons, a number of assaults and incidents of violence are not reported to the police.
- The Cardiff Model develops a unique violence information system that includes information from police, EDs, EMS and other sources.
- This Model provides a forum for community stakeholders to discuss the enhanced information and develop and enact data-informed violence prevention strategies; it is not meant to be used in adjudication against individuals, groups or organizations
- The Model provides a forum for additional participation in decision-making related to community safety for community stakeholders
- This Model may:
  - facilitate new partnerships and trust between health care, community safety groups and other stakeholders
  - provide additional resources for addressing violence
  - encourage partners to increasingly approach violence as a public health issue

## Medical College of Wisconsin Translation (1/1/2015-Current)

### Partners of the Violence Free West Allis Collaborative (VFWAC)

Antigua Mexican and Latin Restaurant	Rogers Behavioral Health
Apostle Presbyterian Church	Safe and Sound
Aurora St. Luke's Hospital	Tavern League of Wisconsin
Aurora West Allis Memorial Hospital	University of Wisconsin- Milwaukee
Children's Hospital of Wisconsin	West Allis Information Technology
Community Advocates Public Policy Institute	West Allis Fire Department
Downtown West Allis Business Improvement District (BID)	West Allis Health Department
Froedtert Hospital & the Medical College of Wisconsin	West Allis Police Department
Comprehensive Injury Center	West Allis-West Milwaukee Community Coalition
Mayor's Office of West Allis	West Allis-West Milwaukee Family Resource Center
Milwaukee County Office of Emergency Management	West Allis-West Milwaukee School District
Milwaukee Police Department	West Milwaukee Police Department

### Study Progress to Date

- Children's Hospital of Wisconsin, Aurora Hospitals and Froedtert have undertaken hospital-based initiatives to integrate the additional Cardiff questions in their Epic electronic medical records
- Children's ED, EMS and Law Enforcement data for West Allis is being received, geomapped and summarized
- We have developed advanced geospatial methods for determining the 'added benefit' of each data source and have determined that the addition of ED and EMS data sets provides a more complete picture of interpersonal violence in the Milwaukee area
- The VFWAC has met 6 times in 2018 to discuss the combined violence information. VFWAC is currently developing an action plan and generating ideas for violence prevention activities in the community.
- The study received a third Department of Justice grant to continue translating the model through 2021. The intersection of violence and opioid and other substance misuse will be incorporated into the model and additional data on opioid outcomes (e.g., overdoses) will be mapped alongside violence data.
- Nurses have reported through surveys and focus groups that data gathered through the Cardiff Model is useful for clinical care, is congruent with hospital mission and the culture of the ED, doesn't require a large investment of time and makes them feel as though they are making an impact on violence in their community