

You are invited to attend the PhD presentation seminar
by
Zulfah Albertyn

THE SPATIAL DISTRIBUTION OF INJURY MORTALITY OF CHILDREN IN THE
WESTERN GEOGRAPHIC SERVICE AREA, CITY OF CAPE TOWN (2011-2015)



Child mortality is a global public health burden, and child deaths under the age of five far exceed deaths in the older age groups. The pattern of cause of death for children differ somewhat by age. The leading cause of death in children is still due to natural causes with; communicable diseases namely, lower respiratory track infection (LRTI), diarrheal disease commonly afflicting children under-five while older children are more likely to die as a result of injury deaths such as homicide or road traffic injury, yet both are preventable. Resources to prevent child deaths are primarily focused on the under-five age group, even though the injury burden of children increases with age. It is therefore important to strengthen the monitoring and tracking of child mortality in South Africa for all age groups over time to inform preventative measures. In addition, geographic information system (GIS) tools can describe and visualize patterns of disease burden relative to the socioeconomic and community (including environmental) proximate determinants of health. This PhD study aims to retrospectively facilitate the monitoring and tracking of injury mortality in children using mortuary data over the period of 2011 to 2015 across the western geographic service area of the City of Cape Town; by investigating the pattern of injury burden of children followed by developing a spatial analytical model to highlight where the high- and low-areas of risk (clusters) and when RTIs have taken place, as well as, potential exposures that influence these clusters.

The Children's Institute
46 Sawkins Road, Rondebosch
Date: 10 September 2015
Time: 1 – 2PM



Light refreshments will be served

RSVP – Bee Williams – 7th September 2015