



Proudly Presents

Dr Amanda Wheeler

School of Natural Sciences, Faculty of Health, Engineering
and Science at Edith Cowan University

Measuring Environmental Exposures: Applications to Health Research

Tuesday, 27 May 2014 at 4pm

4-5pm refreshment + presentation

Venue: UWA School of Population Health

Seminar Room 3- Corner Clifton St and Stirling Hwy (Entrance off Clifton Street) Nedlands (see attached map)

Dr Amanda Wheeler joined the School of Natural Sciences, Faculty of Health, Engineering and Science at Edith Cowan University as a Senior Research Fellow in August 2013. Prior to this, Dr Wheeler was a Research Scientist with Health Canada where her research included personal exposures to air pollution from residential and ambient sources, as well as understanding the intra-urban variability of air pollutants. This research builds on studies Dr Wheeler undertook while a Research Fellow at the Harvard School of Public Health where she focussed on susceptible populations' personal exposure to air pollution and cardiovascular health effects. She obtained her Ph.D. investigating children's personal exposure to airborne particulate matter at Middlesex University in London, UK.

Exposure Science measure exposures to environmental contaminants to understand their contact with humans and their potential to impact upon health. Tools that are utilised include sensor systems, analytic methods, computational tools, and bioinformatics. Having improved methods for the collection of exposure data ensures that it is possible to understand and reduce the impacts of environmental pollutants on human health.



RSVP to cema.santos@uwa.edu.au

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