

Dr Christine Cowie

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Christine Cowie is a Senior Research Fellow, specialising in air pollution epidemiology, with the UNSW South West Sydney Clinical School and the Centre for Air Quality and Health Research and Evaluation (CAR) based at the Woolcock Institute of Medical Research (WIMR). Her research area is the study of health impacts associated with exposure to air pollution, with a special interest in the effects of traffic related air pollution. She previously taught environmental health at the University of Sydney in the Master of Public Health and worked with the NSW Health Department for over ten years in the Environmental Health Branch. She is currently engaged in a range of work including EPA and NSW Health Ministry commissioned reviews on particulate matter and indoor air quality; analysing data on gene-environment interactions of the effect of traffic related air pollution on respiratory health, studying personal exposures to NO₂, and implementing exposure assessment methods for air pollution-health studies.

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CAR is a Centre of Research Excellence funded by the National Health and Medical Research Council. CAR enables research on the impact of air pollution on human health and translation of research into contributions to policy that aims to mitigate the impact of air pollution. CAR creates opportunities for researchers, operating in diverse but related disciplines, to create and apply knowledge about air pollution and health of both national and international interest.