Seminar Presentation 1

The presentation will highlight the population health effects arising from land-use changes and public policy initiatives that lead to changes in transport mode share for six international cities namely, Melbourne, Beijing, Delhi, London, Copenhagen and New York. The findings (after applying a Health Impact Assessment Framework) demonstrate that policies encouraging optimal land-use for active transport, combined with provision of infrastructure that reduces the risk of injury for vulnerable road users (in association with road safety interventions), can produce considerable population health benefits across both chronic disease and road trauma. Without such infrastructure however, increases in road trauma are likely, especially within highly motorised cities.

Professor Mark Stevenson is a leading injury epidemiologist and Professor and Director of the Monash University Accident Research Centre. He is a National Health and Medical Research Council Fellow, an Honorary Professor at the Peking University Health Science Center and the Sydney Medical School, The University of Sydney. He is a Lifetime Fellow of the Australasian College of Road Safety. Prof Stevenson has extensive research experience in road trauma and considerable public health experience in low income countries. Prof Stevenson has worked on numerous national and international projects that have directly influenced policy and worked with both Federal and State Governments in Australia.

Web-based identification of young drivers with high accident risk: The WA Driving Risk in Young People project

Seminar Presentation 2

The talk will address how massive screening technologies, together with cognitive neuroscience approaches to examining personality and cognitive risk behaviour, can be harnessed to identify young drivers for intensive prevention strategies. We will describe results from this NRP-funded project, which will demonstrate promising evidence that young people at greatest driving risk can be identified. We will then describe how this knowledge about individual driving risk can be incorporated into large scale prevention approaches aimed at reducing the risk for young drivers.

Professor Julie Stout is an academic and clinical neuropsychologist who was the Director of Research in the School of Psychology and Psychiatry at Monash University from 2011 until 2013. Her expertise is in applying clinical neuropsychology and experimental cognitive tests in Huntington’s disease, in the context of observational and clinical trials, to produce sensitive cognitive assessment in clinical populations. She is heavily involved in several HD–related projects and clinical trials. She also has a second line of research on cognitive aspects of risky decision making. This work includes several clinical groups such as Parkinson’s Disease, Substance Abuse, Pathological gambling and psychopathy.