

KEYNOTE TALK

Driver Distraction: Reflections on a Path to Understanding

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Topic: Driver distraction is a complex issue – to define, understand, and manage. It is one of the few topics in road safety about which multiple books have been written. In this presentation, Mike will discuss some of the issues that he has grappled with in trying to understand what distraction is, how to measure it, how to quantify its impacts, and how to transfer research knowledge into policy that saves lives. His presentation builds on a keynote presented at the 2016 TRB Annual Meeting, and draws on his recent thinking in developing and documenting a model and theory of driver distraction.

Biosketch: Professor Mike Regan is an experimental psychologist with Bachelor of Science (Hons) and PhD degrees in psychology and human factors from the Australian National University. He was the 25th President of the Human Factors and Ergonomics Society of Australia.

Mike is currently Chief Scientist-Human Factors for the Australian Road Research Board (ARRB) in Sydney, Australia. The ARRB is Australia's national road transport research agency. Before that he was a Professor of road and transport safety in the School of Aviation at the University of NSW in Sydney, Australia.

Mike has designed and led around 200 research projects in transportation human factors and safety - spanning aircraft, motorcycles, cars, trucks, buses, and trains. He is the author/co-author of around 230 published documents, including 160 peer-reviewed publications and three books, and sits on the Editorial Boards of 4 peer-reviewed journals, including Human Factors.

Mike is well known internationally for his work on driver distraction and inattention. He is the senior editor and co-author of two books on distraction, has published numerous reports, articles and papers on the topic, co-created and co-convenes the biannual International Conference on Driver Distraction and Inattention, has advised local and international governments and industry on policies to manage distraction, and sits on several international expert committees on the topic.

Mike is the recipient of the Ron Cumming Memorial Medal, the Human Factors and Ergonomics Society of Australia's highest award for a major contribution to human factors and ergonomics research and practice in Australia.