



The Centre for Accident Research and Road Safety – Queensland

presents

Professor Gerald Matthews, University of Cincinnati

at

The CARRS-Q Breakfast Series

Driver Stress and Road Safety: A Transactional Approach

CARRS-Q is pleased to invite you to attend a breakfast seminar featuring Professor Gerald Matthews, Professor of Psychology at the University of Cincinnati, USA.

He obtained his PhD from Cambridge University in 1984, and he has previously held faculty positions at Aston University and the University of Dundee in the United Kingdom.

His research on driver behaviour focuses on the interplay between driver performance and stress and fatigue factors. Specific interests include use of simulator methods for inducing stress, the effects of vehicle automation on fatigue, and the assessment of individual differences in driver stress vulnerability. His other research interests include cognitive models of personality, the assessment of acute states of stress and fatigue, and emotional intelligence.

During his presentation, Professor Matthews will discuss the issues around stress and anxiety in regards to road safety and his recent work in developing a transactional model of driver stress that is based on cognitive theories of stress. One of the difficulties of research in this area is that stress depends both on driver characteristics and on environmental stressors such as congestion and weather conditions. The transactional model provides the basis for distinguishing different forms of stress, including anger and anxiety that may be associated with different patterns of vulnerability to impairment. Professor Matthews will discuss key results from field studies of driver stress and controlled experiments using a driving simulator that support the transactional approach. He will also look at some challenges for the transactional model, such as the role of psychobiological factors, and at its human factors applications.

**The CARRS-Q Breakfast Seminars continue to be well attended events -
Be sure to book early for what promises to be an insightful and informative event.**

Date:

7.30am – 9am
Tuesday 20 July 2010

Venue:

The Map Room
Hotel Conrad
William Street
Brisbane

Registration: \$70 (incl. GST) per person or \$600 (incl. GST) per table of 10
\$55 (incl. GST) discounted rate for full-time students
Please register using the form on page 2.

Closing date: Wednesday 14 July 2010

Registration Form

CARRS-Q Breakfast Series – 20 July 2010

Professor Gerald Matthews

To register, please complete this form and fax to **07 3138 7532** by **14 July 2010**.
Alternatively, post or email to the details below.

Delegate details (please print)

Title (Prof/Dr/Mr/Ms) Given name Family name

Position

Organisation

Postal address

..... Postcode

Phone Fax

Email

Special requirements (diet, mobility etc.)

Payment

\$70 (incl. GST)

\$600 Table of 10 (incl. GST)

\$55 (incl. GST) Full-time student (Institution and Student Number:

Cheque payable to "QUT" (please post cheque and registration form to address below)

Visa

MasterCard

Credit card number Expiry date

Cardholder's name Signature

Please note:

Bookings are only accepted on receipt of the full fee.

No fees can be returned on cancellation, but a booking may be transferred.

More information

Clare Murray

Centre for Accident Research & Road Safety – Qld

Queensland University of Technology

Victoria Park Rd, Kelvin Grove QLD 4059

Phone: 07 3138 4568

Fax: 07 3138 7532

Email: clare.murray@qut.edu.au

