



The Centre for Accident Research and Road Safety – Queensland

presents

**Dr Roger Bligh,
Research Engineer, Texas Transportation Institute (TTI)**

at

The CARRS-Q Breakfast Series

Safety at Work sites - A US Perspective

Dr Bligh is a Research Engineer and Manager of the Roadside Safety Program at TTI. He holds both a Master of Science and Ph.D. in Civil Engineering from Texas A&M University, and is a registered Professional Engineer in Texas. Since joining TTI in 1986, Dr Bligh has specialized in the field of roadside safety, serving as principal investigator on numerous studies sponsored by NCHRP, FHWA, various state agencies and private concerns having a combined budget of over \$15 million.

Dr Bligh has extensive experience in applied research dealing with the design, analysis, testing, and evaluation of highway safety accessories. He has made contributions to the design of a number of roadside safety devices (including guardrails, bridge rails, median barriers, guardrail/bridge rail transitions, guardrail end treatments, crash cushions, breakaway sign supports, work zone barriers, and other work zone traffic control devices), and has developed guidelines for their use. He has co-authored more than 180 publications and has made invited presentations at numerous technical and professional meetings.

Some of his recent research accomplishments include developing safe practices for encasing guardrail in pavement mowing strips, designing a low-deflection portable concrete barrier system, developing guidance on median barrier use, selection, and placement, designing a crashworthy median barrier gate, and developing guidance for placement of concrete median barrier on slopes. Dr Bligh also has a wide range of experience in the development, validation, and use of computer simulation in the design, analysis, and evaluation of highway safety appurtenances and roadside geometric features.

In this presentation, Dr Bligh will discuss the safety devices and procedures used at US work sites based on the recently released *Manual for Assessing Safety Hardware (MASH)* and *NCHRP Report 350*. Dr Bligh will outline the changes introduced in MASH. He will also outline the effective and appropriate use of different temporary barrier types including the recently introduced “longitudinal channelizing devices.” Barricades and other small signs are often used at road works, and Dr Bligh will discuss the relative safety to motorists if they run into these devices.

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

Friday 28 October 2011
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 instructions on page 2.

Closing date: Monday 24 October 2011

Registration and Payment

CARRS-Q Breakfast Series – 28 October 2011

Dr Roger Bligh

To pay, please follow the instructions below. Payment must be made by **24 October 2011**. If you have any problems accessing the website or completing the payment please contact Judith Williams (Finance & Resources Officer) on 07 3138 4804.

- Go to <http://www.frp.qut.edu.au>
- Under Quicklinks – click on QUTPay - Select and Pay (bottom right corner of screen)
- Click on *Institute of Health & Biomedical Innovation (IHBI)*
- Click on *CARRS-Q Breakfast Series*
- Complete all fields marked with an asterisk including attendee and dietary requirement detail, then select *Add to cart*
- In the next screen check all information is correct, then click on *Checkout*
- Create a guest account for payment by completing the information on the right hand side of the screen
- Complete contact information including email address. Please note, your receipt will be sent to this email address. If all is correct click on *Next*
- Select *Pay Now* – this is your only option for Breakfast Series payments, and then click on *Review Payment Items*
- This is the proforma invoice and is available for printing – review these details and if all still correct click *Next*. Please note, once you go past this screen you cannot change the details of your registration
- Complete registration and payment by entering your credit card details and click on *Submit* for the payment to be processed
- Once complete the next screen is your tax invoice/receipt. This receipt will also be emailed to the address specified in step 8.

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 on the event can be obtained by contacting:

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