

The Australasian College of Road Safety and The Travelsafe Committee of the Queensland Parliament

Invite you to a National Conference on

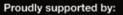


# **High Risk Road Users**

Motivating behaviour change: what works and what doesn't work?

Conference Program

18-19 SEPTEMBER 2008 Parliament House, Brisbane





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## Welcome

Join with the Australasian College of Road Safety and the Travelsafe Committee of the Queensland Parliament for the 2008 National Conference – *High Risk Road Users: Motivating behaviour change: what works and what doesn't work?* To be held over two days, the conference aims to inform debate and promote further action to influence the behaviour of high risk road users to reduce their involvement in road crashes. Hon John Mickel MP, Minister for Transport, Trade, Employment and Industrial Relations will open the conference.

The conference program will provide networking opportunities with leading researchers and practitioners on a range of contemporary road safety issues including speeding, drink and drug driving, young drivers and driver education. There has been an excellent response from those wishing to present at the conference and there will be parallel session papers presented by both practitioners and researchers.

Associate Professor Barry Watson, Rob Hansen, Linda Cooke, Clare Murray, Erin Pasley, Jacki Percival, Kate Redford **Conference Organising Committee** 

Associate Professor Barry Watson (Chair), Liz de Rome, Professor Raphael Grzebieta, Rob Hansen, Professor Narelle Haworth, Dr Mark King, Peter Kolesnik, Dr Alexia Lennon, Pam Palmer Scientific Committee

## Keynote Speakers

Associate Professor Raymond Bingham, Social and Behavioural Analysis Division, University of Michigan Transportation Research Institute, USA



Associate Professor Raymond Bingham is a Research Associate Professor in the Social and Behavioural Analysis Division of the University of Michigan Transportation Research Institute, in the Department of Psychiatry of the University of Michigan School of Medicine, and in the Department of Health Behaviour and Health Education of the University of Michigan School of Public Health. His research covers adolescent development, with a focus on adolescent driving and alcohol use, longitudinal research methodology, and multivariate statistics. He has utilised various theoretical approaches to examine psychosocial development, with particular attention to those factors that relate to driving risk and driving-related injury.

Ray's current projects include a large efficacy study of a web-based tailored, brief motivational intervention to prevent/reduce alcohol misuse among college freshmen and a longitudinal study of alcohol use and driving behaviour among young adults, both funded by the National Institute on Alcohol Abuse and Alcoholism (NIAAA). He is also undertaking a study funded by the National Institute on Child Health and Human Development examining the effects of monitoring devices on novice teen drivers' driving outcomes.

**Professor Simon Washington,** Department of Civil and Environmental Engineering, Ira A. Fulton School of Engineering, Arizona State University



Professor Washington's transportation-related research interests include safety (engineering and human factors), planning, travel behaviour, land-use, air quality, and sustainability. He is particularly interested in applications of advanced statistical and econometric methods in these subject areas. Simon has been involved in leading externally supported research projects to the value of US\$8million for a variety of US Federal and State funders. Current research projects are focused on applications in macroscopic safety planning, automated photo enforcement, and enhancement of travel survey methods.

Simon is primary author of the textbook "Statistical and Econometric Methods for Transportation Data Analysis" with Matthew Karlaftis (National Technical University of Athens) and Fred Mannering (Purdue University) and he has also co-authored a large volume of peer-reviewed technical papers. He is currently Chair of the Transportation Research Board's Statistical Methods and Computer Software Committee, and is on the editorial boards of the ASCE Journal of Transportation Engineering, Accident Analysis and Prevention, International Journal of Sustainability, and Transportation Research Part A.

Associate Professor Rebecca Ivers, Director of the Injury Division, The George Institute for International Health



Associate Professor Rebecca Ivers is the Director of the Injury Division at The George Institute for International Health. She is an injury epidemiologist who holds a Masters degree in Public Health and a PhD in injury epidemiology from the University of Sydney. She has published widely in peer reviewed literature in the fields of road traffic injury and falls prevention.

Rebecca has research interests that span a broad range of topics, including novice drivers, motorcycle helmets in Asia, heavy vehicle issues, and the need to decrease road injury in vulnerable road users in the low and middle income countries of the region. She is also particularly interested in injury prevention among Indigenous communities. Rebecca has written several book chapters on road injury for international audiences, including

manuals for the World Health Organisation. She leads a strong team of researchers working on road injury studies in Australia, India, China and Vietnam.



Emeritus Professor Mary Sheehan retired from the directorship of CARRS-Q on 30 June 2008 but continues her research and postgraduate mentoring at the Centre.

Mary's specific area of research interest is the application of social psychological theory to educational and rehabilitation initiatives to enhance community road safety - particularly the safety of young people, and in reducing the incidence of drink driving. This has resulted in some of CARRS-Q's most successful and innovative road safety programs such as the development of the seminal Under the Limit (UTL) Drink Driving Rehabilitation Program, a trial of alcohol ignition interlocks with high-risk Queensland drink drivers (UTL 2), the Rural and Remote Road Safety Research project in North Queensland, and the Skills for Preventing Injury in Youth (SPIY) school-based first aid and peer protection program.

Mary has received international recognition for her work in alcohol, drugs and traffic safety through ministerial and executive appointments such as the International Council on Alcohol, Drugs and Traffic Safety (ICADTS) and the United States Academy of Science Transportation Research Board(TRB). She is a foundation member of the ACRS, and was awarded a Fellowship in 2000 for her contribution and commitment to road safety.

#### **Conference Program**

Please note that speakers and times are correct at the time of printing. In the event of unforeseen circumstances, the organisers reserve the right to alter or delete items from the program.

Thursday 18 Septemb	er 2008					
8.30 am – 9.00 am	Registration	Registration				
9.00 am - 10.45 am	Plenary Session - Undumbi Room, Level 5					
	Opening Address Hon John Mickel MP, Minister for Transport, Trade, Employment and Industrial Relations International Keynote Address Associate Professor Raymond Bingham, Social and Behavioral Analysis Division, University of Michigan Transportation Research Institute, USA					
	National Keynote Address Associate Professor Rebecca Ivers, Director of the Injury Division, The George Institute for International Health					
10.45 am - 11.15 am	Morning Tea - Colonnade, Level 5					
11.15 am – 12.45 pm	Undumbi Room, Level 5	Premier's Hall, Level 4				
	<ul> <li>Session 1: Behaviour change strategies</li> <li>Can we rely on Deterrence Theory to motivate safe road user behaviours?</li> <li>Mr Barry Elliot</li> <li>Psst - you know they're not the same as us - a Psychologist's view of motivation and behaviour change in relation to high risk road users</li> <li>Mr Warren Harrison</li> <li>Predicting future speeding behaviour: the appeal of positive emotional appeals for high risk road users</li> <li>Dr Ioni Lewis</li> <li>Experienced driver behaviour change - a review of approaches used in United States, Sweden, Denmark and the Netherlands, and some recommendations for action in Australia Ms Jane Waldock</li> </ul>	Session 2: Novice driver countermeasures The structure of the learner licence affects the type of experiences novices gain during this phase: Examples from Queensland and New South Wales Ms Lyndel Bates A trans-disciplinary community-based approach to education for positive behavioural change in young drivers as high risk road users Dr Glenda Nalder New licensing laws for young drivers in Queensland Mr Mike Stapleton Reaching young drivers: Fire services part of a community based approach Ms Angela Evers & Mr Steven PannelI				
12.45 pm - 1.45 pm	Lunch - Speakers' Hall, Level 4					

1.45 pm – 3.15 pm	Undumbi Room, Level 5	Premier's Hall, Level 4			
	Session 3: Understanding young driver behaviour	Session 4: School & Community-based approaches I			
	Motivating behaviour change among young drivers: Recent findings on developmental issues and the role of parents <b>Dr Teresa Senserrick</b>	The relevancy of 'mates don't let mates' as a key strategy for a school curriculum-based road safety program <b>Dr Lisa Buckley</b>			
	The role of risk-propensity in the risky driving of younger and older drivers <b>Dr Julie Hatfield</b>	Keeping it real: an education program where the presenters are the power <b>Ms Carol Haffke</b>			
	Can personality characteristics and attitudes predict risky driving behaviour among young drivers? Dr Lisa Wundersitz	Attitudinal driving workshops Acting Inspector Peter Flanders & Senior Sergeant Dennis Hayes			
	Gender, age and motor vehicles - which combination is highest risk? <b>Dr Sarah Redshaw</b>	An evaluation of attitudinal driving workshops <b>Mr Philip Champness</b>			
3.15 pm - 3.45 pm	Afternoon Tea - Colonnade, Level 5				
3.45 pm – 5.15 pm	Undumbi Room, Level 5	Premier's Hall, Level 4			
	Session 5: Research methods & prevalence studies	Session 6: School & Community-based approaches II			
	What makes a behaviour "risky"? Measurement issues and methods Dr Mark King	Overcoming the cultural divide Part II – Lessons unlearnt <b>Ms Eve Somssich</b>			
	Motor vehicle theft and road crashes in New South Wales <b>Ms Hedyeh Hedayati</b>	Motivating behaviour change in young drivers: What role can education, trainers and parents play? <b>Mr Tim Saville</b>			
	Development of a proactive brief road safety intervention for industry: Identifying issues associated with implementation <b>Mr Bevan Rowland</b>	The Fatality Free Friday road safety campaign – a strategy for mobilising the community ownership to improve road safety <b>Mr Russell White</b>			
	Screening for drugs in oral fluid: Illicit drug use and drug driving in a sample of metropolitan versus regional Queensland motorists <b>Dr James Freeman</b>				
5.15 pm	End of Day One Sessions				
6.00 pm – 9.00 pm	<b>Conference Welcome Reception</b> The Gibson Room, Level 10, Z Block, QUT	Gardens Point Campus, Alice Street, Brisbane			

Friday 19 September 2008						
8.30 am – 10.00 am	Undumbi Room, Level 5					
	International Keynote Address Professor Simon Washington, Department of Civil and Environmental Engineering, Ira A. Fulton School of Engineering, Arizona State University, USA National Keynote Address Emeritus Professor Mary Sheehan AO, Director of the Centre for Accident Research and Road Safety – Queensland "The Power of the personal story" - Ms Sandra Cook and Ms Kerry Sunderland,					
10.00 am - 10.30 am	Morning Tea - Colonnade, Level 5					
10.30 am – 12.00 pm	Undumbi Room, Level 5	Premier's Hall, Level 4				
	Session 7: Impaired driving	Session 8: Vulnerable road users				
	countermeasures "Pubs & Clubs" project - Modifying risky alcohol-related behaviours Mr. David Healy	Motorcycle safety apparel wearing among commuter and recreational riders <b>Mr Darren Wishart</b>				
	Mr David Healy Catch ya later condo - An alternative transport option for rural communities Ms Melanie Suitor	Addressing road user behavioural changes at railway level crossings <b>Mr Kevin Taylor</b>				
	The impact of new oral fluid drug driving detection methods in Queensland: Are motorists deterred?	How much does disregard of road rules contribute to bicycle-vehicle collisions? Ms Amy Schramm				
	Dr James Freeman	Extending the useful field of view paradigm for screening older drivers				
	An evaluation of the 'Skipper' designated driver program: Preliminary results Associate Professor Barry Watson	Mr Chris Hatherly				
12.00 pm - 1.00 pm	Lunch - BBQ Area, Level 7					
1.00 pm – 2.30 pm	Undumbi Room, Level 5	Premier's Hall, Level 4				
	Session 9: Speeding countermeasures	Session 10: Penalties & sanctions				
	Speed enforcement - effects, mechanisms, intensity and economic benefits for each mode of operation <b>Professor Max Cameron</b>	Victoria anti-hoon legislation and policing methods used to prevent hooning behaviour Acting Inspector Steven Perry				
	Speed enforcement programs in France and Queensland. First elements for a systematic comparison. <b>Mr Laurent Carnis</b>	Immediate licence suspension to deter high-risk behaviours <b>Mr David Soole</b>				
	Success of the Pinkie campaign – Speeding. No one thinks big of you: A new approach to road safety marketing	Driving while disqualified or suspended in Victoria: When little works Dr Adrian Hoel & Professor Arie Freiberg				
	Mr Russell Watsford	Targeting unlicensed and disqualified drivers: Furthering vehicle impoundment legislation				
	Evaluating the impact of 'Speed Kills Kids' campaign in New Zealand schools <b>Mr Fady Antoun</b>	Dr Cassandra Cross				
2.30 pm - 3.00 pm	Afternoon Tea - Colonnade, Level 5					
3.00 pm - 4.00 pm	Closing Address and Summary of Conference Outcomes - Undumbi Room, Level 5					
4.00 pm	Conference Close					

## **Conference Venue**

The conference will be held in the Parliamentary Annexe, Alice Street, Brisbane.

Access to the conference will be via the Parliamentary Annexe main reception on Alice Street. For further information and a map of the venue, go to www.parliament.qld.gov.au/virtualtour.

## **Conference Welcome Reception**

The Conference Organising Committee is delighted to host a welcome reception for conference delegates and sponsors on the evening of Thursday 18 September 2008 from 6.00 pm. To be held at the Gardens Point Campus of the Queensland University of Technology, this reception will be a wonderful chance for delegates and speakers to network, as well as enjoy the spectacular view offered by the venue over the Brisbane River and surrounds.

Finger food and drinks will be provided. Entrance to the reception is included in the two-day conference delegate fee. Single day delegates can purchase entry tickets for an additional \$50 per delegate.

Conference Welcome Reception Thursday 18 September, 2008 6:00 pm – 9:00 pm Gibson Room Level 10, Z Block QUT Gardens Point Campus Alice Street, Brisbane QLD

## **Conference Prizes**



The RACQ will sponsor prizes for the best researcher and the best student papers. CARRS-Q will sponsor the prize for the best practitioner paper.

## **Travel Information**

Airport and hotel transfers are available direct from the airport, including bus and train services. For further information on travelling by public transport in Brisbane, contact Transinfo on 13 12 30 or www.transinfo.com.au.

If you wish to travel between the airport and your city hotel or the conference venue by taxi, please allow one hour during peak travel times. Off peak, this journey should take no more than 45 minutes, however there may be long queues for taxis between 7.00 - 9.00 am and 4.00 - 7.00 pm.

Brisbane is a vibrant 24/7 sub-tropical city of 1.8 million people. It offers everything you would expect from Australia's third-largest city, surrounded by world-class beaches, islands and rainforests and blessed with a superb climate. You will find everything you need to make your visit to Brisbane a memorable one at www.ourbrisbane.com.

## **Conference Accommodation**



The conference organisers gratefully acknowledge the support of The Marque Hotel Brisbane www.marquehotels.com/brisbane/.

A special conference rate of \$175 a night with full breakfast charged at an additional \$18 has been offered by the hotel to those attending the conference. In addition, weekend extension nights booked after the conference would be \$149 a night. These represent substantial savings on the normal rates.

The hotel is in very close proximity to both Parliament House and the QUT Gardens Point Campus.

Conference attendees who wish to stay at The Marque Hotel should book directly with the hotel by calling 07 3221 6044 and quoting 'ACRS National Conference' to obtain the discount rates.



#### **Registration Form**

Mr / Ms / Mrs / Miss / Dr / Professor :					
First Name			Surname		
Badge Name (if different from above) :					
Position :					
Organisation :					
Address :					
Suburb :					
Telephone :	Fax :	Fax : Email :			
Special Dietary Requirements :					
Registration Fees					
-					
The closing date for registration is 5 Sep All fees are in Australian Dollars and inc		or late registrations te	elephone (02) 6290 25	09.	
Please tick as appropriate:					
		ACRS Member	Non-Member	Full-time Student	
Full 2-day attendance		□ \$350	□ \$400	□ \$200 □ \$100	
1-day attendance		Signal \$190	□ \$220	☐ \$100	
Welcome Reception (for 1-day attende	ees)	☐ Thursday OR ☐ \$50	□ Fiday □ \$50	<b>\$</b> 30	
<ul> <li>Full two-day registration includes:</li> <li>attendance at all conference sessioner all morning and afternoon teas, lure</li> <li>conference satchel</li> <li>conference proceedings</li> <li>free ACRS membership offer to no</li> </ul> One day registration includes attendance plus conference satchel and reception. Registration is transferrable. For student registration please location is transferrable.	nches and the co n-members and te at conference I conference pro <b>se indicate:</b>	l students to 31 Dece sessions, morning ar oceedings. It does not	mber 2008 nd afternoon tea and I include entry to the c	onference welcome	
Institution :			Student Number :		
How to register: Web: register online at: www.acrs.org. Mail form and fees to: ACRS, PO Box Fax form to: + 61 2 6290 0914 Please select method of payment: Cheque (please make cheque paya My employer will pay my fees Please send me a tax invoice Electronic Funds Transfer Account details: Australasian College of BSB 082-926 Account Mastercard	198, Mawson A able to: 'The Au of Road Safety	CT 2607, Australia stralasian College of I	Road Safety')		
Account credit card no :			Card avai	v date : /	
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Name on credit card :					

Signature of cardholder :





#### **REGISTRATION AND ENQUIRIES**

For further information, please contact:

Conference Secretariat The Australasian College of Road Safety

Tel: (02) 6290 2509 prior to the conference; 0437 251 216 during the conference

Fax: (02) 6290 0914 prior to the conference

E-mail: eo@acrs.org.au

Conference website: www.acrs.org.au/activitiesevents/