



Making Traffic Safety a Reality: 2010 and Beyond
Injury Control and Traffic Safety Training Course
Venue: Soweto Hotel on Freedom Square
Date: 24 – 28 May 2010

The reduction of traffic accidents and injuries is increasingly becoming a public health priority, both in South Africa and globally. Transport-related injury is one of the major causes of fatality in South Africa, accounting for up to 29% of all non-natural South African deaths. Furthermore, while violence remains the leading manner of injury death amongst South African males, the leading external cause of death for children, women and older adults is transport-related injury. Despite extensive and well-intentioned collaborative traffic campaigns held predominantly over the holiday periods, South African traffic injury statistics still remain unacceptably high.

This year, South Africa will be hosting the FIFA World Cup Soccer Tournament, which will take place across the country in June and July. Consequently, there will be a massive increase in both motor and pedestrian traffic. Given the current South African transport-related fatality statistics, it is imperative to ensure that all road users, both local and international, using South African transport infrastructure during the World Cup and beyond do so under the safest conditions. In an effort to guarantee these conditions the Department of Transport has carried out certain measures such as the implementation of Administrative Adjudication of Road Traffic Offences (AARTO), the reinstatement of Drager breathalysers, increased road surveillance and the enforcement of prosecution for road traffic offences. However, South African citizens also need to partake in making the country's roads safer by adhering to safe road behaviour. Accordingly, it is crucial that both professionals and civil society become acutely aware of the basic principles of injury control and traffic safety, as well as the importance these principles have for the reduction of transport-related fatalities. The Medical Research Council-University of South Africa Safety and Peace Promotion Research Unit (SAPPRU) together with Monash University, Australia and South Africa, the Indian Institute of Technology, New Delhi, India and others will be conducting a training course on injury control and traffic safety to this end.

Course Objectives

This 5-day course will bring together professionals working in the area of injury control, research, transportation planning, pedestrian and road safety, trauma, and traffic and law enforcement to acquaint themselves with the state-of-the-art information in the field. The contents of the course have been focused to give a local, national, and global perspective to the road safety problem. By the end of the course the participants should:

- Know about the latest findings and methodologies for prevention of traffic injuries, transportation planning and enforcement;
- Be aware of perspectives, policies and practices which have been shown to be successful or have not worked in the past; and
- Be able to develop, improve or initiate their own programmes in traffic injury planning and control.

Target Sectors / Group

The course will be conducted in English, and will accommodate about 30 participants. The course has been designed for an interdisciplinary audience of Directorates of Law Enforcement and Traffic Management, law enforcers, police officers, urban and traffic planners, road engineers, researchers, behavioural scientists, medical professionals, emergency services, biomedical engineers and civil society activists from South Africa and other African countries.

Course Outline: Themes & Presentation Titles

Day 1: *Theme: Epidemiology - An Overview on Injury and Traffic*

Introduction to TEACH - VIP

A Public Health Overview of the Injury and Traffic Problems applying TEACH - VIP

The Magnitude of Traffic Injury in South Africa

Traffic Safety in Africa: An Overview

The Magnitude of Traffic Injury: An Asian Perspective

Global Trends in Road Traffic Injuries

Traffic Safety: Synergizing Human Rights and Public Health

Spatial Frameworks for the Analysis of Injuries

Site Visit

Day 2: *Themes: Education, Contributors to Traffic Mortality and Injury and Vulnerable Road Users*

Theme: Education

Drive Alive Play

Multi – Media Road Safety Educational Program (SANRAL)

Theme: Contributors to Traffic Mortality and Injury

Understanding Crashes in Urban and Rural Settings

The Biomechanics of Impact and Human Tolerance to Injuries

Role of Speed and Alcohol in Traffic Crashes

Predictors of Road Traffic Mortality in South Africa

Public Transport Safety in South Africa: Contributory Factors to Crashes

Theme: Vulnerable Road Users

Pedestrian Safety: A Global and National Audit on Pedestrian Interventions

Case Studies on Community – Based Pedestrian safety Promotion Initiatives: Lessons from South Africa

Human Tolerance to Injuries and Road Safety: Focussing on Vulnerable Road Users

Non – Motorized Traffic Safety and Public Transport: Global and South Challenges and Possible Solutions

Working towards assuring the safety of vulnerable road users

Group Presentations

Day 3: Theme: Engineering – Transportation and Planning

Transportation and Planning: Global Trends

Public Transport safety in South Africa: Recommended Interventions

Black Spots: Is It Possible to Identify and Get Rid of Them

Safety and the Environment

Road Design and Planning

Vehicle Safety and Future Trends in Vehicle Systems

Group Presentations

Day 4: Themes: Enforcement, Evaluation and Trauma Care (EMS)

Theme: Enforcement

The Role of Traffic Law Enforcement in Reducing the Road Carnage in South Africa

Enforcement Strategies and Road Safety Campaigns: An African Perspective

Enforcement Strategies and Road Safety Campaigns: Do They Work?

Theme: Evaluation

Building data Systems that allow for the meaningful evaluation: Where do we begin?

Theme: Trauma Care

Traffic injuries and Trauma: A Human and Socio – Economic Lens

First Aid Training

Group Presentations

Day 5: Theme: Global partnerships

The Role of the Global Road Safety Partnership: Implications for Traffic Safety in South Africa and Africa

The Importance of Partnerships in Promoting Traffic Safety in Africa

Panel Discussion: Mobilizing and Prioritizing for Comprehensive Traffic Strategies for 2010 and Beyond: Questions and Key Messages

Closing Comments

Certification Ceremony

Vote of Thanks

Group Photo Session

Media Interviews

Course Trainers

The 2010 training course will include the following international trainers:

Prof. Dinesh Mohan

Professor Mohan is currently Coordinator of the Transportation Research and Injury Prevention Programme at the Indian Institute of Technology, Delhi, India, and Head of the WHO Collaborating Centre for Research and Training in Safety Technology.

Dinesh Mohan has been involved in injury control research for the past 30 years. He obtained a bachelor's degree in Mechanical Engineering from the Indian Institute of Technology, Bombay, a master's degree in Mechanical and Aerospace Engineering from the University of Delaware, USA and a Ph.D. in Bioengineering from the University of Michigan, USA. His current interests include research on transportation injuries with a special focus on vulnerable road users and injuries in rural areas. He has received the Association for Advancement of Automotive Medicine 1991 Award of Merit for outstanding research in traffic safety, and the International Association for Accident and Traffic Medicine award and medal for outstanding achievement in the field of traffic medicine. He is on the Editorial boards of the journals Occupational Ergonomics, Safety Science, Crash Prevention and Injury Control, and Injury Prevention. He has published over a hundred papers and is co-author of several the books.

Dr. Michael Fitzharris

Michael Fitzharris (BA, BSc Hons, PhD) is the Foundation Director of the Accident Research Centre at Monash University South Africa, Johannesburg. In this role he has responsibility for the development of research and capacity building programmes in the areas of road safety, acute care and trauma and child health. To date this has involved establishing collaborative partnerships in South Africa, Tanzania, Botswana and Namibia.

Prior to assuming this position, Dr Fitzharris was employed at The George Institute for International Health in Sydney (Australia) and China and the Monash University Accident Research Centre in Melbourne (Australia); during this period he was also an Honorary Trauma Research Fellow in the Department of Trauma Surgery at The Alfred Hospital in Melbourne, Australia. Michael Fitzharris has extensive experience in conducting road safety research for government in the areas of enforcement and infrastructure strategy development and evaluation, and for the vehicle industry with a focus on technology evaluation and vehicle design. His particular interest is the impact of injury on physical and psychological health. Michael Fitzharris has published widely in national and international journals and has close to 40 peer-reviewed works and over 60 other types of publications and reports. He is a member of the Association for the Advancement of Automotive Medicine and the International Spinal Cord Society.

Prof. Geetam Tiwari

Professor Tiwari is currently TRIPP (Transport Research and Injury Prevention Programme) Chair Associate Professor at the Indian Institute of Technology in Delhi. Her educational background includes a Ph.D. (Univ. of Illinois, Chicago) in Transport Planning and Policy. She has about twenty years of professional experience in the areas of Transport Planning, Traffic Engineering in India and USA. Professor Tiwari's functional areas of specialization include urban transportation planning and travel demand modeling, including analytical and simulation models of environment, energy and traffic safety. She has in-depth knowledge of various aspects of road geometry design and evaluation of alternate transport systems, analysis of road traffic accidents and traffic engineering studies conducting field studies in Delhi using videography techniques to analyze traffic interactions. She has published a number of research papers in national and international journals of repute since 1985, and is co-author of *'The Way Forward': Transportation Planning and Road Safety*. Prof. Tiwari is chief editor of the *International Injury Prevention Journal*.

Dr. Olive Kobusingye

Dr. Kobusingye is Ugandan and is based in Kampala, Uganda, where she works as an independent consultant. Between 2003 and December 2008 she was the regional advisor on violence and injury prevention at the WHO's regional office for Africa. While at WHO her work with Member States' governments and their partners focused on preventing injuries and disabilities by advocating for the integration of prevention of injuries, violence, and disability in health policies and programs, promoting the development of policies for the prevention of injuries, engaging multiple sectors to achieve injury prevention, and supporting the implementation of policies and initiatives for the prevention of both intentional and unintentional injuries.

Before joining the WHO Dr. Kobusingye was on faculty at Makerere University, Department of Surgery, where she worked as an accident & emergency surgeon at the Mulago Hospital, the largest referral hospital in Uganda. She was the founding Executive Director of the Injury Control Center – Uganda. As an injury epidemiologist, Dr. Kobusingye's main interest has been in developing and maintaining injury surveillance systems, and road safety in Africa. Olive has published papers mainly on injury surveillance and the prevention of injuries in low-income countries.

Course Fee

- The conference package will be **R2 500**, including registration, course materials, teas and lunch.
- Delegates will be provided with information on suitable accommodation upon request, but will need to ensure their own arrangements. Please note that accommodation is available at the Soweto Hotel on Freedom Square for those who wish to stay at the meeting venue. The telephone number is +27 (11) 527 - 7300
- Attached is the course registration form. To secure your place, please forward this with your proof of payment to the indicated address. ***Delegates without proof of payment will unfortunately not be eligible for the course.***
- Seats are limited, so please RSVP early.
- This is a certified course.

Contact Person

Lyndsey Lourie

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Email: lourilc@unisa.ac.za

REGISTRATION FORM

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NOTE: (1) Please complete this form in block letters; (2) The application form must be accompanied by the full registration fee of R2 500; (3) Email or fax the registration form to: Ms Lyndsey Lourie. Tel: +27 (11) 857-1142/3 and Fax +27 (11) 857 1770, or via email: lourilc@unisa.ac.za

Personal Details

FIRST NAMES:SURNAME:

TEL: (.....)..... FAX: (.....)..... CELL:.....

E-MAIL:..... POSTAL ADDRESS:.....

.....POSTAL CODE:

DIETARY REQUIREMENTS:

PARTICULARS OF PAYMENT

The cost of the conference package is **R2 500**

Payment must be made in favour of: UNISA – Institute for Social and Health Sciences

Bank Account: ABSA (Sunnyside, Pretoria)

Account number: 0100 00114

Cash R Cheque R Bank draft R Transfer R

** If payment is made by Bank Draft or Transfer please attach details.

PARTICULARS OF EMPLOYMENT

Name of Current Employer:

Position Held:

DECLARATION AND UNDERTAKING

I declare that all the particulars furnished by me on this form are true and correct. The Organising Committee, its agents and sub-contractors cannot be held responsible for any loss, damage or inconvenience experienced by delegates or other attendees travelling to or from the conference. Neither can they be held responsible for unforeseen partial or total cancellation of the event. The programme is subject to change without notice.

Date:/...../2009

Signature: