

## Further information

For further information about the course please call 02 9657 0361 or email

[injurycourses@georgeinstitute.org.au](mailto:injurycourses@georgeinstitute.org.au)

Unit code: PUBH5417

OR visit the School of Public Health website:  
[www.health.usyd.edu.au](http://www.health.usyd.edu.au)

## Pre-requisites for students

Students should be familiar with the use of the Internet and e-mail and have an undergraduate degree.

## To enrol in the unit:

Postgraduate public health students at the University of Sydney are to enrol via the university enrolment procedures.

Postgraduate public health students from another university may be able to arrange a cross-institutional enrolment should they wish to undertake the unit. To arrange a cross-institutional enrolment, please liaise with the institution through which you are enrolled.

Students not currently enrolled in postgraduate studies are able to enrol and can also earn course credit. This credit can be accrued towards a possible future enrolment in an approved course of study at the University of Sydney. If you are not currently enrolled in postgraduate studies but would like to enrol in this unit, please contact us via the contact details above.

*Please note: there is a limit of 20 places available so please book early.*

## Requirements for students

Students will need access to a computer (Win 95 / Mac OS 7.5 or above) with ideally Internet broadband. The lecture materials are presented in standard Microsoft Office programs.

For further details on computer specifications see:  
<http://www.usyd.edu.au/webct/student/getstart/requirements.shtml>

Students will also require Adobe reader which is available as freeware at <http://www.adobe.com/products/acrobat/readstep2.html>

## About The George Institute

The George Institute for Global Health is a not-for-profit organisation that aims to help reduce the global burden of non-communicable diseases and injuries through high quality research, evidence-based policy development and a range of capacity development programs. Research at the George Institute has a major focus on the Asia-Pacific region.

The Institute is made up of several divisions and programs, which oversee numerous large-scale international and regional projects.

The Injury Division conducts high quality research into the causes, prevention and treatment options for various kinds of injury.

For more information on The George Institute and the other courses offered by the Injury Division, please visit [www.georgeinstitute.org.au](http://www.georgeinstitute.org.au)

## The George Institute for Global Health

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# THE GEORGE INSTITUTE

for Global Health  
AUSTRALIA

## Injury Epidemiology Prevention and control

### MPH ELECTIVE PUBH5417 (4CP)

*One-semester online unit*

*Lectures commence: Monday 28<sup>th</sup> July  
Semester break: 29<sup>th</sup> Sept till 3<sup>rd</sup> October  
Lectures conclude: Friday 31<sup>st</sup> October*

Affiliated with



THE UNIVERSITY OF  
SYDNEY

[www.georgeinstitute.org](http://www.georgeinstitute.org)

## What the unit will cover

This one-semester online unit teaches students about the principles of injury epidemiology, prevention and control. It provides a basis for the assessment and investigation of injury issues, and the development, implementation and evaluation of injury prevention programs. Key topics include:

- The principles of injury prevention & control
- The burden of injury
- Data requirements and injury surveillance
- Research methods in injury control
- Development of injury prevention programs including key strategies
- Program implementation and evaluation
- Injury in Indigenous Australians and the Asian region

## Additional features

- Practical case studies to illustrate injury issues and promote interaction
- Online discussions with leading injury control professionals
- Content developed using materials provided by leaders in injury prevention and control throughout Australia

## Unit objectives

On completion of the unit, students should:

- Gain an understanding of risk factors for falls and the impact of falls
- Be familiar with falls prevention interventions and the results of studies testing their effectiveness
- Apply these principles to deal with injury problems in practice

## Why study injury control?

Injury prevention and control is a National Health Priority Area and injury is the leading cause of death and disability among Australians. Moreover, the Global Burden of Disease Study estimates that injury will account for 20% of the overall burden of death and disability by 2020 (Lancet, 1997; 349:1263). Yet, injuries are largely preventable.

Developing and implementing effective injury prevention programs is crucial to reduce the burden of injury. In order to obtain this goal, students require an understanding of how this can be achieved and the unit provides the understanding to respond to this emerging public health problem.

## Teaching Faculty

This unit is coordinated by Dr Lisa Keay, Senior Research Fellow, Injury Division, The George Institute for Global Health. The unit will be moderated by staff from The George Institute and the University of Sydney. The materials have been developed with the expertise of leaders in injury control from around Australia including academics, senior government staff and injury practitioners in non-government organisations.

## Who should attend?

The unit is designed for postgraduate public health students, public health trainees, health professionals and individuals with an interest in injury prevention and control.

Students undertaking postgraduate public health degrees will be awarded four credit points.



## Course Feedback:

'...excellent course covering a range of interesting and useful topics'

'...well organised... made my first experience of on-line learning interesting'

How much will it cost?

The fee per participant is as follows:

- Local award students: AUD \$2125
- External students \$2125
- International students: AUD \$3258

## Recommended Text

McClure R, Stevenson M, McEvoy S. The Scientific Basis of

Injury Prevention and Control. Melbourne: IP Communications, 2004.

Injury Research: Theories, Methods, and Approaches, edited by Guohua Li from Columbia University Mailman School of Public Health and Susan P. Baker, from the Johns Hopkins Bloomberg School of Public Health.

## Assessment

The assessment for this unit is based on:

Submission of a written assignment

Participation in moderated online discussions scheduled during the semester

## Acknowledgements

The development of this unit was assisted by the Australian Government Department of Health and Ageing's Public Health Education and Research Program.