

Our supervisors



Dr Robert Anderson
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brain injury biomechanics
pedestrian injury
simulation and modelling



Dr Matthew Baldock
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older drivers
in-depth crash investigation



Dr Paul Hutchinson
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statistical modelling of road crash data
empirical studies on road crash data
traffic management



Dr Mary Lydon
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road safety programs
safer roads
safer network management



Professor Jack McLean
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crash injury biomechanics
human factors in crash causation
vehicle and road factors in crash causation



Dr Jeremy Woolley
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traffic management
road design and infrastructure
road safety evaluation

Our current students

Jeff Dutschke
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Jamie MacKenzie
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Daniel Searson
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Centre for Automotive Safety Research

The Centre conducts high quality independent research that enables rational decision making, leading to reductions in the human and economic losses from road crashes.

The Centre is located on the North Terrace Campus, in the Engineering Annex building on Frome Road, near Gate 5.



Contact

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CENTRE FOR
AUTOMOTIVE SAFETY RESEARCH



Opportunities for postgraduate research





Established for over thirty years, the Centre for Automotive Safety Research (CASR) is dedicated to reducing the human and economic costs of road crashes. The Centre is within the Faculty of Engineering, Computing and Mathematical Sciences at the University of Adelaide.

Road safety can only succeed with a multidisciplinary approach and we conduct research that includes facets of traffic engineering, vehicle engineering, psychology, statistics, computer programming and economics. We invite candidates from any discipline and welcome applicants with all levels of knowledge and experience.

Examples of current and past research topics:

- potential benefits of Electronic Stability Control (ESC) on crashes on Australian rural roads
- characteristics of pedestrian headform impacts
- characteristics identifying young drivers at a higher risk of crashing
- modelling the biomechanics of intracranial trauma
- self-regulation of the driving behaviour of older drivers

Prospective research students are invited to contact us at any time of the year.

Why study at CASR?

- You have the chance to select your own topic or select from an exciting range of research opportunities
- Your supervisors will always be close by when you need assistance or advice
- You will not be on your own and will join an established group of students
- There may be opportunities to continue working at CASR after the completion of your study
- You will be able to make a difference and save lives
- You will be joining a multidisciplinary team of engineers, psychologists, statisticians and medical officers who are all willing to share their knowledge
- You will be joining a team which produces quality research with an internationally renowned reputation
- You will have the flexibility to study either full or part time
- You will have access to a range of resources to assist you in your research including a specialised library, impact laboratory, accident reporting data and various modelling software packages.



Who can apply?

To be eligible for entry into a Research degree, you must have Honours or proven experience in research either through a Coursework program with substantial research experience, or in industry.

How do I apply?

A good place to start is to contact one of our potential supervisors or current students to find out more information.

Scholarships

You may apply for a Divisional Scholarship with us (paid at the Australian Postgraduate Award rate). Applicants need to be Australian citizens or permanent residents.

Further information:

See our website:
<http://casr.adelaide.edu.au>

Graduate centre website:
www.adelaide.edu.au/graduatecentre/

International office:
www.international.adelaide.edu.au/future/apply/

