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

The Centre conducts research for the South Australian Government, other state governments, the Federal Government and the Australasian New Car Assessment Program (ANCAP).

Core strengths

- In-depth crash investigation
- Human factors research
- Evaluation of road safety initiatives
- Emerging vehicle technologies
- Development of countermeasures
- Vulnerable road users
- Heavy vehicle research
- Pedestrian accident reconstruction
- Modelling of pedestrian impacts
- Vehicle Testing Laboratory
- Literature reviews
- Teaching
- Library - large road safety collection
- International collaborations

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Centre for Automotive Safety Research

We have a team of qualified and experienced researchers from a wide range of disciplines.

**Professor Mary Lydon** Director
Road safety programs
Safer roads
Safer network management

**Associate Professor Robert Anderson** Deputy Director
Brain injury biomechanics
Pedestrian injury
Simulation and modeling
Vehicle safety research

**Dr Trevor Bailey**
Young driver research
Road user education
Road user behaviour

**Dr Matthew Baldock**
Older driver research
Motorcycle safety research
Enforcement evaluation
In-depth crash investigation

**Sam Doecke**
In-depth crash investigation
Modelling and crash reconstruction
Vehicle safety research

**Dr Paul Hutchinson**
Statistical modelling of road crash data
Empirical studies on road crash data
Traffic management and public transport

**Craig Kloeden**
Large data set analysis
Speed and crash risk
Young driver research

**Tori Lindsay**
Medical conditions and traffic accidents
Alcohol and drink driving
In-depth crash investigation

**Brett Linke**
Pedestrian sub-system testing
Vehicle safety testing

**Jamie MacKenzie**
Emerging vehicle technologies
Modelling and crash reconstruction
In-depth crash investigation

**Emeritus Professor Jack McLean**
Road safety leadership

**Giulio Ponte**
Vehicle safety research
In-depth crash investigation

**Simon Raftery**
Road user education
Vulnerable road users
Road user behaviour

**Dr Daniel Searson**
Vehicle safety research
Impact modelling
Brain injury biomechanics

**Andrew van den Berg**
Impact laboratory manager
Pedestrian sub-system testing
Vehicle safety testing

**Dr Jeremy Woolley**
Traffic management
Road design and infrastructure
Road safety evaluation
Safety of heavy vehicles

**Dr Lisa Wundersitz**
Young driver research
Driver attitudes and behaviour