



**UNSW**  
SYDNEY



## Preventing Injuries and Promoting Health, Safety and Mobility for Older People with Age-Related Eye Disease

**This public health research group has a demonstrated ability to assemble multi-disciplinary teams to address priority issues in injury prevention and eye health, innovate and build capacity in this sector.**

### Competitive advantage

- Large-scale interventional trials using new research methods—'in-vehicle' monitoring for road safety and accelerometers—to investigate activity in older people at risk of falls
- Established networks in the eye health sector and government to design studies which have the capacity to translate into policy and practice
- Expertise in community-based clinical trials of complex interventions

### Impact

Addresses the two major causes of injuries (falls and road traffic injuries) which increase dramatically with older age and in visually impaired populations. This work will produce specific contributions to understanding the mechanisms of injury risk and will evaluate promising solutions to these issues, including the streamlining of cataract surgical services, targeted falls prevention and novel solutions for older driver safety.

### Successful outcomes

- Research briefs have been tabled to the Australian Commission on Safety and Quality in Health Care Clinical Guidelines for Cataract committee
- Comprehensive review of the licensing regime for older drivers. This is the foundation for further work investigating semi-autonomous vehicle technology and the driver-vehicle interface

### Capabilities and facilities

- Health systems research
- Patient reported outcomes, economic evaluations, discrete choice modelling and co-design

### Our partners

- NSW Health Agency for Clinical Innovation
- Transport for NSW, Centre for Road Safety
- Local Health Districts: Western Sydney, South East Sydney, Mid North Coast, Northern Sydney, South West
- Guide Dogs NSW/ACT
- Optometrists Association
- Vision2020
- Glaucoma Australia
- NeuRA
- The George Institute for Global Health

### More Information

Professor Lisa Keay

School of Optometry and Vision Science  
and The George Institute for Global Health

T: +61 2 9385 5372

E: [l.keay@unsw.edu.au](mailto:l.keay@unsw.edu.au)

UNSW Knowledge Exchange

[knowledge.exchange@unsw.edu.au](mailto:knowledge.exchange@unsw.edu.au)

[www.capabilities.unsw.edu.au](http://www.capabilities.unsw.edu.au)

+61 (2) 9385 5008

