

Australasian College of Road Safety

2021

Annual Report

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2021**

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About Us

The Australasian College of Road Safety (ACRS) is the region's peak membership association for road safety with a vision of eliminating death and serious injury on the road. Our members include experts from all areas of road safety including policy makers, health and transport professionals, academics, community organisations, researchers, federal, state and local government agencies, private companies and members of the public. The purpose of the College is to support our members in their efforts to eliminate serious road trauma through knowledge sharing, professional development, networking and advocacy.

Objectives of the College

The objectives of the organisation are:

- To foster closer communication, co-operation and support among all groups and individuals working at all levels in road safety and traffic education programs.
- To provide a focus for dissemination of information on road safety and traffic education available in Australia and from overseas.
- To encourage community groups to work for the reduction of the road toll.
- To encourage the professional assessment, evaluation and monitoring of road safety programs, and to promote those that are most effective in reducing road trauma.
- To provide a forum for promotion of workable road safety initiatives through appropriate government and private bodies.
- To encourage the provision of an environment of care and support for victims of road trauma.
- To promote best practice road safety to all levels of Government.

Patron of the Australasian College of Road Safety



His Excellency General the Honourable David John Hurley
AC DSC (Retd),
The Governor-General of the Commonwealth of Australia

David Hurley was sworn in as the Governor-General of Australia in July 2019. His Excellency was very happy to accept the role of Patron of the Australasian College of Road Safety, taking over from the previous Governor-General, Sir Peter Cosgrove.

David Hurley is a graduate of the Royal Military College Duntroon. He had a distinguished 42-year military career which included operations in Somalia and East Timor, and which culminated in the role of Chief of the Defence Force. David Hurley also served as the 38th Governor of NSW, from October 2014 to May 2019.

Governance

ACRS Executive Committee

President	Mr Martin Small
Vice President, Finance & Admin; NZ Co- Rep	Dr Rebecca McLean
Vice President, Policy	Prof Narelle Haworth
Secretary	Prof Ann Williamson
Treasurer; QLD Representative	Dr Mark King
ACT Representative	Ms Joanne Wilson-Ridley
NSW Representative	Mr Duncan McRae
VIC Representative	Dr Jeff Potter
SA Representative	Dr Jamie Mackenzie
WA Representative	Ms Teresa Williams
NZ Co- Representative	Mr Paul Durdin
Committee Member (to May 2021)	Dr Julie Hatfield
Committee Member (to May 2021)	Prof Raphael Grzebieta
Committee Member	Ms Melissa Weller
Committee Member	Ms Liz Waller
Committee Member (from May 2021)	Dr Sjaan Koppel
Committee Member (from May 2021)	Dr John Crozier
Committee Member (from May 2021)	Assoc Prof Sharon Newnam

ACRS Management Sub-Committee (commenced September 2021)

President	Mr Martin Small
Chief Executive Officer	Dr Ingrid Johnston
Treasurer	Dr Mark King
Vice-President Finance and Administration	Dr Rebecca McLean
Committee Member	Ms Liz Waller
Committee Member	Prof Narelle Haworth
Committee Member	Prof Ann Williamson

ACRS Chapter Chair Committee

ACT Chapter Chair	Mr Eric Chalmers AM
NSW Chapter Chair	Mr Duncan McRae
VIC Chapter Chair	Mr Jeff Potter
SA Chapter Chair	Dr Jamie Mackenzie
WA Chapter Chair	Ms Teresa Williams
QLD Chapter Chair	Dr Mark King
NZ Chapter Co- Chair	Dr Rebecca McLean
NZ Chapter Co-Chair	Mr Paul Durdin
Chief Executive Officer	Dr Ingrid Johnston

National Office Staff

Interim Chief Executive Officer (to April 2021)	Mr Nicholas Clarke
Chief Executive Officer (from May 2021)	Dr Ingrid Johnston
Operations Manager	Ms Anna Lang
Senior Communications Manager	Ms Cara Smith
Membership Officer (from July 2021 to Sept 2021)	Ms Xinfang Zhang
Technology Officer (from July 2021 to Sept 2021)	Ms Olga Cherniak
Administrative Officer (to August 2021)	Ms Molly Stanley
Administrative Officer (from September 2021)	Mx Gemma Beet

President's Report

This is my third and final annual report as President of the Australasian College of Road Safety. Having assumed the Presidency from Lauchlan McIntosh, who had guided the College through vital years of growth, I said that I wanted to leave the Presidency with the College better off at the end of my term, and 2021 was an important year in this.

Renewal has been an ongoing theme. In 2021, the Executive Committee endorsed a fully revised constitution which has been put to the membership and:

- locks in a modern set of objectives for an organisation which rightly prides itself on a comprehensive, modern, and forward-looking road safety agenda
- retains the original essence of the organisation as a member-based organisation where the primary governance body is a Council which represents that membership.

A Management Sub-Committee was formally established in 2021 and work began to establish a Finance, Risk and Audit Sub-Committee, to provide more direct oversight of and support for the operations of the College led by the Chief Executive.

Our second annual business plan was signed off in December 2021, and we now have annual planning and reporting processes in place which allow the governing body and the executive to hold ourselves accountable to our membership. With this base, we can look forward to the preparation of a strategic plan in 2022, to help our members achieve the ambitious road safety targets set for Australia and New Zealand.

Finally, coming to the end of my term as President, I have made clear to the Executive Committee at the end of 2021 my intention to step aside and support a new President to lead our organisation forward. My intention is to assume the role of Immediate Past President, providing support as required to the next President elected by the Executive Committee.

The goal has been to create an environment which allows road safety professionals to step forward into leadership roles for the profession as a whole. This has required a stronger set of governance and management systems which include placing direct leadership of the College directly in the hands of the Chief Executive, while retaining oversight of the organisation and leadership of the profession within the President and the governing body.

This may sound boring, but good governance is a bit like that. The stronger and more seamless the essentials of running a strong and vibrant organisation, the more we are able to devote our energies onto the things we really want to achieve. Another major priority for my Presidency was to strengthen our policy and advocacy capability.

Able led by our new Chief Executive Dr Ingrid Johnston, appointed by the Executive Committee in March 2021, the first step was to prepare policy principles to guide our work. The policy principles are simple and straightforward, but also have meaning and intent.

The policy principles open up some debates that we need to have, such as began at our conference. One of these is to address problems of safety design. We must think deeply about how human error can be prevented, not just accommodated, and how our design philosophy can be strengthened to anticipate the human factor issues being confronted in much safer environments. We must also discuss more deeply what a systems approach to road safety actually is, how the elements and actors of the road traffic system interconnect and impact upon one another, and how deficiencies in the system can be significantly reduced and eliminated over time. This will be vital if we are to come close to realising our goal.

This was further built upon by a much stronger policy development process within the College, encouraging greater membership engagement in what we want to see happen. The first two issues we are addressing – speed management, and climate change – could not be more significant. I encourage all members to review these draft policies when circulated and contribute to their finalisation.

After having to postpone the 2020 conference, the 2021 conference was a particular highlight of the year. Looking back, over some extraordinarily stressful situations, the contribution and leadership of the Victorian Chapter led by Dr Jeff Potter, supported by the Victorian road safety community, was exemplary. Having created a hybrid platform, another COVID wave pushed everything virtual just weeks out from the conference. To have pivoted so strongly into a financially viable virtual conference world says a lot about our organisation, and sets us up strongly for the next decade. We look forward to our 2022 conference in Christchurch Otautahi with excitement and confidence as we set sail for our 2030 road safety targets across Australia and Aotearoa New Zealand.

The conference heralded the formal establishment of the International Outreach Chapter, and I would like to thank again the support of the Australian Government for this. The Chapter is led by three co-Chairs – from Australia, Malaysia and Iran – and is focused on low and middle-income country issues, where the world's road safety issues are most pressing. Those issues are not a lot different from our own – to tackle them requires political commitment, ownership by a wide range of stakeholders within society, and significant investment in evidence-based activity. A technically strong professional group is also needed to drive a progressive agenda forward, and this new Chapter provides us with a platform to participate on a much wider international stage.

I would like to thank Ingrid and her team for the excellent work that they did in 2021 and have been continuing to do on our behalf. I have appreciated great support from them, and from members of the Executive Committee and the various Chapter Committee members who have been moving our organisation forward in so many ways. Thank you also to all our members, both personal and corporate, supportive and active, and to our sponsors.

As I sign off as President, I can't say mission accomplished, but I can say that our renewal efforts are making us a stronger, more resilient and more effective organisation. We are never happy with our lot in road safety, but I am confident that we are heading in the right direction, able to play a more significant role in the safety of our communities in Australia and New Zealand.

Martin Small
President
Australasian College of Road Safety

CEO Report

Since joining ACRS as Chief Executive Officer in May 2021 I have witnessed extraordinary efforts from our members in the road safety space, as well as sustained support for the College and its initiatives. Despite the difficulties that 2021 brought, ACRS celebrated a wide range of successes, and many of these were the result of increased engagement with our members.

Advocacy

We have actively sought to increase the breadth of this engagement with an increasing number of members participating in advocacy efforts including the development of 12 state and national submissions in 2021. This included providing a written submission and verbal evidence to the public hearing of the Joint Select Committee on Road Safety in its examination of measures that can be taken to reduce road trauma and deaths on Australian Roads.

Australian National Road Safety Strategy 2021-2030

Our 2021 advocacy efforts included the active participation in the consultation process for the development of the National Road Safety Strategy and supporting Action Plan. We welcomed the release of the National Road Safety Strategy in December 2021 and the governments' commitment to achieve 'Vision Zero', the elimination of deaths and serious injuries on our roads by 2050. We know that a strong Action Plan will be crucial to ensure the strategy is implemented and monitored and we have remained active in our communications of this matter on behalf of our members.

The Global Decade of Action for Road Safety

The Global Decade of Action for Road Safety 2021-2030 has been proclaimed by a UN Resolution with a target to reduce road traffic deaths and injuries by 50% by 2030 and is underpinned by a Global Plan which is the guide for governments to implement their road safety strategies at national level. The Global Plan was launched in October 2021 with ACRS conducting a well-attended webinar to explore the opportunities the plan presents. In a letter to Minister for Health and Aged Care Greg Hunt MP, in November 2021, we encouraged the Australian Government to implement the recommendations in the Global Plan including the importance of making road safety a political priority, and public reporting of measurable performance indicators including the number of deaths and serious injuries.

Policy Principles and Position Statements

We have developed draft ACRS Policy Principles for the college, in consultation with members, which were well received when launched at the 2021 Australasian Road Safety Conference. These Policy Principles will be put before the membership at the AGM in May 2022 and will provide a platform for policy debates.

We began work on the development of Policy Position Statements which will represent the views of the College on policy issues and form the basis of our advocacy. Member led development of the first two topics for the suite of statements, Speed Management and Climate Change and Road Safety began in 2021. These and subsequent Policy Positions Statements will be put to ACRS members for formal adoption as they are finalised.

International Outreach

In 2021 the ACRS International Outreach Chapter (IOC) was created from the International Outreach Project grant from the Department of Infrastructure, Transport, Regional Development and Communications and it has continued to grow to include members from 23 countries. With the grant for the IOP ending in September 2021 the IOC membership agreed to the introduction of a nominal membership fee structure. This along with the establishment of IOC Committee Co-Chairs and General Committee members will ensure the continuation of Chapter activities, and to strengthen and build upon the connections made.

Journal of Road Safety

The Journal of Road Safety published over 20 peer reviewed articles across four issues in 2021 and continues to build exposure and indexing – important steps towards gaining an impact factor. We would like to

acknowledge LB Australia, Transport for NSW Centre for Road Safety, and Waka Kotahi NZ Transport Agency for their sponsorship of the Journal throughout the year.

Australasian Road Safety Conference (ARSC)

In 2021 we saw the Australasian Road Safety Conference delivered in a virtual format for the first time. ARSC 2021 provided an incredible three days of learning and engagement with the virtual format embraced by delegates and praised for its flexibility, engagement opportunities, and the ability to access over 130 presentations for the 6 months following. We extend our thanks to the ARSC2021 Organising Committee co-Chaired by Mr Chris Brennan (Manager Road Safety Planning, Victorian Department of Transport) and Dr Jeff Potter (Victorian Chapter Chair and Principal Safety Policy Advisor, National Transport Commission) as well as the members of the ARSC 2021 Scientific, Sponsorship, Social and International sub-Committees who were instrumental in the delivery of this program. We also thank the ARSC 2021 sponsors and exhibitors. We are looking forward to ARSC 2022 a hybrid conference to be held, in conjunction with Trafanz, in Ōtautahi Christchurch, New Zealand and online in September 2022.

ACRS Awards

The 2021 ACRS Awards were presented in a virtual ceremony during the ARSC 2021. The event featured messages from the Australian Deputy Prime Minister Hon. Barnaby Joyce MP, and Assistant Minister for Road Safety and Freight Hon. Scott Buchholz MP.

The 2021 ACRS Fellowship was awarded to Mr Peter Frazer OAM, President of the SARA Group, in recognition of his outstanding contribution to road safety throughout Australia, and internationally through policy development, community education, and advocacy work.

The 3M-ACRS Diamond Road Safety award recognises cost-effective road safety initiatives or programmes that stand out from standard. We thank 3M for their continued support of this award over the past 10 years. The 2021 3M-ACRS Diamond Road Safety Award winning project was “Road Safety in Your Workplace” from the team at Transport for NSW. The program was developed in collaboration with the State Insurance Regulatory Authority (SIRA) and Insurance and Care NSW (icare) to help employers address their road safety risk and provide support and guidance to workers.

Chapter Activities

Australian State and Territory Chapters and the New Zealand Chapter have been active throughout the year, leading local advocacy efforts and hosting over 20 webinars, seminars, workshops and meetings over the past year.

Ministerial Roundtables

In May 2021 ACRS facilitated a Ministerial Roundtable on Regional and Remote Road Users. The Roundtable was Chaired by Hon. Scott Buchholz MP, Assistant Minister for Road Safety and Freight Transport, with facilitator Professor Teresa Senserrick and included key stakeholders within the industry. This was the final Ministerial Roundtable to be facilitated under the agreement with the Federal Department of Infrastructure, Transport, Regional Development and Communications that saw two Ministerial Roundtable discussions focused on Vulnerable Road Users and Heavy Vehicles in 2020.

I reiterate my admiration for the work our members do every single day in their efforts to eliminate road trauma on our roads and thank you for your continued support of the College. My thanks to ACRS President Martin Small, for your guidance and support as I’ve settled into this role, Executive Committee members, Management Sub-committee members, and the ACRS staff who have all been instrumental in the progress we achieved in 2021.

Dr Ingrid Johnston
Chief Executive Officer
Australasian College of Road Safety

Treasurer's Report

- The College's 2021 Financials have been signed off by the auditor as fairly representing the financial position of the College as at 31 December 2021.
- The 2021 Financial Report shows that we had a surplus of \$76,010 which follows a surplus of \$315,319 from 2020. The surplus in 2021 was largely a result of the surplus from ARSC2021, held as a virtual conference.

Table 1. Budget vs Actuals for 2021

	Budget	Actual
Income	\$1,303,179	\$935,669
Expenditure	\$1,444,229	\$859,659
Net Surplus/ Deficit	-\$141,050	\$76,010

- There were no recommendations from the auditor for 2021.
- The College is fortunate to have contingency funds available which reduces financial risk to the College and assists with unexpected scenarios.

Revenue

- Our personal and corporate members continue to be supportive of the College with 85% of personals and 91% of corporates due in the bulk renewal period, renewing their membership for 2022.
- The virtual ARSC2021 was a successful event which resulted in a \$358,777 surplus overall. However, this surplus is reflected across two years with the majority of sponsorship income received in 2020 and rolled over to the 2021 event.
- The College was supported by the COVID-related Cash Flow Boost and COVID Business Support Grant
- In 2021 we received Grant funding from the Australian Government through the Federal Road Safety Awareness and Enablers Fund for the: Scholarships for Low- and Middle-Income Countries to attend ARSC2022 (\$22,500) and Gold Sponsorship for ARSC2022 (\$27,500).

Expenditure

- The main areas of expenditure in 2021 were related to the delivery of ARSC2021 and staffing. Staff are essential for the delivery of the member benefits including the conference and journal, and progressing the mission of the College.
- Conference related expenditure was reduced in 2021 due to the virtual delivery of ARSC2021, onsite costs including venue, catering were not incurred.

Balance sheet

- The College finished 2021 with a very strong balance sheet. Net assets/Total Members' Funds amounted to \$1,151,582 – primarily cash at bank.

Budget

- The 2022 Budget shows a substantial deficit, this is to allow for the increased cost of a hybrid conference that is being held in New Zealand. This is the College's first hybrid conference which is anticipated to have greater costs. There are also allocations for 2022 specific projects including launching a new Customer Relationship Management system (CRM), ACRS website and Journal of Road Safety website as well as increasing travel to Chapters post-covid.
- There are sufficient reserves available to cover this deficit.

Dr Mark King
Treasurer
Australasian College of Road Safety

Advocacy

[ACRS response to the Consultation Draft the 2021-30 Draft National Road Safety Strategy](#) – March 2021

[NSW Chapter submission for the NSW Legislative Council, Transport and Customer Service – Tolling Review](#)
– May 2021

[ACRS submission on the proposed New Zealand Land Transport Rule: Setting of Speed Limits 2021](#) – June 2021

[ACRS response to Consultation Draft of the National Road Safety Strategy Action Plan 2021-25](#) – June 2021

[NSW Chapter Submission for the Parliament of NSW Joint Standing Committee on Road Safety – Support for Rural and Regional Learners Drivers](#) – June 2021

[SA Chapter submission to the Department of Planning, Transport and Infrastructure - Motorcycle Graduated Licensing Scheme Amendments](#) – June 2021

[ACRS response to the Consultation Draft of the Australian Design Rule Development Program – Safer Freight Vehicles](#) – June 2021

[NSW Chapter submission for the Parliament of NSW Joint Standing Committee on Road Safety – Mobile Speed Camera Enforcement Programs in NSW](#) – July 2021

[ACRS response to the Terms of Reference for the Joint Select Committee on Road Safety](#) – August 2021

[ACRS submission to Tasmanian Legislative Council Select Committee on Road Safety in Tasmania](#) – August 2021

[SA Chapter response to Terms of Reference / Consultation Draft of the South Australia Road Safety Strategy to 2031](#) – September 2021

[WA Chapter response to Consultation Draft of the WA State Infrastructure Strategy Draft](#) – September 2021

[Letter to The Hon Greg Hunt, Minister for Health and Aged Care in relation to the Global Plan for the Second Decade of Action on Road Safety 2021-2030](#) – November 2021

Professional Development

ACRS Webinar: Decade of Action for Road Safety – 28 October 2021

Dr Ingrid Johnston (CEO, ACRS), Ali Zayerzadeh (Road Safety Specialist, Road Safety Pioneers NGO Director), A/ Prof Masria Mustafa (Faculty of Civil Engineering, Universiti Teknologi Mara), Martin Small (President, ACRS) and Dr Lori Mooren (Road Safety Consultant).

The Decade of Action for Road Safety 2021-2030 has been proclaimed by a UN Resolution with a target to reduce road traffic deaths and injuries by 50% by 2030. The Decade of Action is underpinned by a Global Plan which is the guide for governments to implement their road safety strategies at national level. The Global Plan was launched on 28 October 2021. To mark this important event ACRS conducted a webinar to discuss what the Global Plan holds and the opportunities it presents for ACRS and its members. [Click here to watch the recording](#)

Australasian Road Safety Conference 2021

ARSC2021 was held as a virtual conference 28-30 September 2021. The conference was a multi-disciplinary event, themed 'Towards Zero: A Fresh Approach' and covered the five pillars of action set out in the UN Decade of Action, including Road Safety Management, Infrastructure, Safe Vehicles, User Behaviour, and Post-Crash Care. Presentations included research, educational and policing program implementation, and policy and management strategies related to all aspects of road safety. There were a range of topics including speed, infrastructure and road design, education, licensing, vehicle design, impairment due to alcohol, drugs and mobile phones. The conference also presented innovative symposium sessions including interdisciplinary approaches combining safety, the law, and design, and showcasing successful programs involving at-risk youth, older drivers, and safety approaches for non-occupants, specifically pedestrians and cyclists.

There were 640 delegates from 27 countries: Australia, Bangladesh, Cambodia, Canada, Germany, India, Iran, Italy, Japan, Malaysia, Mauritius, Mozambique, Myanmar, Nepal, New Zealand, Papua New Guinea, Philippines, South Africa, Switzerland, Thailand, Turkey, Uganda, United Kingdom, United States, Uruguay, Vietnam, and Zimbabwe. This was a record number of countries represented, emphasising the growth of the College globally.

There were 245 submissions for ARSC2021 and a total of 182 were accepted through the thorough peer-review process. There are seventeen full paper submissions, which will require additional peer-review prior to publication in the ACRS Journal of Road Safety.

Authors of accepted extended abstracts and full papers represented international and local institutions from all aspects of their respective communities including research centres, private companies, government agencies, and community groups. These extended abstracts provide an indication of the important work being done in Australia, New Zealand, and internationally as part of the United Nations' One UN Vision for Road Safety to reduce the number of fatal and serious injury crashes on the road by 50 percent by 2030.

An online post-event evaluation survey was circulated to all delegates. 144 delegates responded to the survey (23% of registrants). The virtual delivery of the conference appears to have expanded the audience for the conference, as >50% had not attended previous ARSCs. Delegate feedback during and following the conference was favourable with >90% of delegates stating that they will recommend ARSC to a friend or colleague. Responses to the survey indicated that ARSC2021 provided a valuable opportunity for participants to hear about the latest developments in road safety, and network with researchers, senior policy makers, and experienced practitioners.

We trust that the work presented at ARSC2021 will contribute to the reduction in road trauma in Australia, New Zealand, and internationally.

International Outreach Project

ACRS successfully obtained Road Safety Awareness and Enablers Funding through the Department of Infrastructure, Transport, Regional Development and Communications. This was a major achievement for the College, with \$400,000 over 2 years allocated to establish an International Outreach Chapter. The project successfully concluded on 31 December 2021, within budget and with the achievements exceeding the requirements of the grant. Below is an excerpt from the International Outreach Chapter Project Final Report.

Stage 1 (Planning and Development)

The Project Team undertook broad and strategic analyses of where an International Outreach Chapter (IOC) could be beneficial. This included identification of key international stakeholders that could assist with expansion into these countries. A brochure was created to aid conversations with potential stakeholders and provide contact details to those interested in the IOC.

In February 2020, key members of the Project Team attended the 3rd Global Ministerial Conference on Road Safety in Stockholm. The Team met with potential stakeholders (as part of the conference and in separate meetings across Europe) and discussed the potential of an IOC and the impact that it could have on their country/region.

The meetings resulted in a list of stakeholders who expressed interest in the IOC, as well as a greater understanding of a variety of groups working globally, regionally, and within countries in support of trauma reduction across Low- and Middle- Income Countries (LMICs).

The February 2020 meetings provided a valuable opportunity to highlight the Australian Government's ongoing commitment to improving LMIC road safety, and significantly strengthen relationships with key stakeholders in preparation for future IOC work. ACRS outputs included communications with stakeholders via the ACRS Weekly Alert and Journal of Road Safety (JRS) on activities in Sweden.

Stage 2 (Detailed Planning and Development)

This stage consisted of working towards implementing the new IOC within the existing College structure - creating the bones of the Chapter to allow our international stakeholders to visualise the status within the College.

The Project Team drafted an amendment to the ACRS Constitution to allow the College to support the creation of an IOC. The amendment was supported by the Executive Committee, members at the Annual General Meeting held 17 June 2020, and the ACT Government. The amended constitution, allowing the formation of an IOC and was approved and placed on the public register 30 July 2020.

An ACRS Platinum Membership was purchased to cover initial membership fees for interested members to join the international outreach chapter and receive the ACRS membership benefits including access to the Journal of Road Safety, the ACRS Weekly Alerts, and discounts to events. It provides an avenue for individuals to become involved/gain exposure to the ACRS with minimal financial impact.

Corporate stationery for Chapter correspondence was created to show the IOC as part of the College in any formal communications.

COVID-19 had a major impact on the project due to social/travel/border restrictions, changing work practices, and reprioritising of personal and corporate goals both here and in the Asian region. This resulted in limited availability of our international contacts as well as the postponement of the 2020 Australasian Road Safety Conference (ARSC2020) until September 2021.

In response to these COVID-19 related challenges, the ACRS Executive Committee made the decision to hold the ARSC2021 as a virtual conference where delegates were able to attend online. The virtual model created the opportunity to extend the reach of the Conference to our international colleagues.

In partnership with the Department of Infrastructure, Transport, Regional Development and Communications (the Department), ACRS undertook a review of the Grant Agreement and related documentation due to the evolving impacts of COVID-19. A Deed of Variation was executed 15 March 2021 authorising ACRS to conduct the Grant process via online means, and to aim to bring delegates to the rescheduled ARSC2021.

Stage 3 (Setup and Support - 1)

The key aim of Stage 3 was to engage with the partners in Asia identified in the earlier stages to determine the most effective activities to progress the project. At the 3rd Global Ministerial Conference on Road Safety, ACRS approached several prospective partners to determine their interest in an IOC. The Project Team undertook a review of the interested countries and the potential for impact on road safety, and subsequently focused on making closer engagements with Vietnam and Malaysia. The Project Team held web-based consultation meetings with them to discuss ways forward in developing the Chapter.

In parallel, ACRS conducted various international outreach activities to highlight the Federal Department's ongoing commitment to improving LMIC road safety, and significantly strengthen relationships with Asia and broader international stakeholders. In August 2020 the JRS Vol 31 No 3 'Special Issue: Road Safety in Low- and Middle- Income Countries' was published (<https://doi.org/10.33492/JRS-31-3>). ACRS worked with Guest Editors and authors from LMICs to showcase the road safety evidence being built in those countries. This Special Issue was a key to increasing the international profile and credibility of, as well as interest in the ACRS, thereby supporting the development of an IOC.

In January 2020, the College announced completion of a strategic re-branding of our premier publication to support implementation of the IOP. The JRS, formerly the *Journal of the Australasian College of Road Safety*, now features a global map on the front cover, a significantly expanded Editorial Board of internationally recognised experts, and importantly has instigated an LMIC Mentorship Program.

The ACRS LMIC Mentorship Program, launched as part of this project in January 2020, has continued to provide capacity development support and nurture scientific journal paper-writing for road safety professionals from LMICs. This program facilitates international outreach and networking, and acts as a key incentive for road safety stakeholders to participate in ACRS international outreach activities. Certificates were designed and awarded to recognise the efforts of both mentors and mentees.

In order to assist ACRS with the increasing international outreach work for this project, Global Road Safety Solutions was appointed as an external Project Manager to manage the project. This dedicated resource brought extensive experience in the LMIC environment and has coordinated communications with highly regarded and influential LMIC contacts.

Stage 4 (Setup and Support - 2)

In response to the input received via the wide stakeholder consultations during the earlier stages, ACRS continued to refine the strategies to develop a viable Chapter that meets the needs of our external partners as well as existing ACRS members. The IOC was set up to serve as a platform for knowledge and experience exchange as well as networking, with a focus on Asia and LMICs. An international outreach survey was conducted at the end of 2020 to identify the most appropriate target group, as well as the needs and interests which the IOC may fulfill.

A total of 115 respondents completed the survey and the data analysis in early 2021 has been key in developing strategies to recruit IOC members, as well as shaping the IOC activities. The initial group identified via the survey has been closely engaged and recruited as IOC members (n=42).

At project closure, 31 December 2021, five web-based IOC meetings have been held. The meeting agenda items reflect the member needs and interests identified by the international outreach survey, and subsequently by IOC members between meetings. IOC meetings have provided a forum for the members to share and discuss learnings, experiences, and opportunities to contribute to road safety improvements in Asia and LMICs, as well as to encourage, support, and advise each other on specific issues/challenges they may face in their attempts. Video recordings are made available upon request to IOC members which has been useful for new members who missed previous meetings.

Deliberate efforts have been made to encourage IOC members, from Asia and LMICs in particular, to participate in the member presentations and group discussions. For example, ideas and suggestions for IOC meetings were actively sought from members in Asia and LMICs, and they were invited to co-present on their work at the IOC meetings. Presentations covering road safety issues in Indonesia, India, Iran, Thailand, and the Philippines were made over these IOC meetings. Given the 2nd meeting was held before the [6th UN Global Road Safety Week](#) (UNGRSW) which focused on speed, a group discussion was also held on the topic of political will, especially in the area of speed management. In the 3rd meeting, members were also invited to share their learnings and next steps arising from the UNGRSW. The Zoom meeting chat functions have also facilitated active participation. These strategies have worked well to allow members from Asia and LMICs speak up and contribute to rich group discussions.

In order to facilitate networking, permission has been sought from all IOC members to share their contact details between IOC members. Those who consented have been included in the IOC member contact list, which is regularly updated and circulated among the group.

Promotion of the IOC has been vital to increasing international interests and credibility of the ACRS, and thereby supporting the development of the IOC. The IOC is being widely promoted through the meetings as well as through existing IOC members. In order to promote the College's diverse international outreach work, especially to LMICs and Asia, a dedicated logo to include in all ACRS international outreach communications was finalised on 15 October 2020. The logo has been designed to reflect the broad international outreach work of the ACRS, including its increasing support for LMICs and enhancements being made to its Journal and Conference. A dedicated webpage is also regularly updated as a communication mechanism with the current and prospective members.

During the stakeholder consultations undertaken in Stage 3, the need to highlight the purpose and benefits of ACRS was identified. To support this effort, a short video was produced with a professional production company. A total of 11 ACRS members, ensuring diverse sector, country, and gender representation, participated in this video showcasing their experiences of being an ACRS member. The final video was launched via the ACRS Weekly Alert, promoted during the ARSC2021, and is available on the IOC webpage (link: <https://acrs.org.au/chapters/international-outreach/>).

In line with the increased focus on international outreach work, especially to LMICs and Asia, and to make the ACRS membership benefits more pertinent to IOC members, an Asia/LMIC section was introduced in the ACRS Weekly Alert newsletter. This new section has included a wide range of road safety news stories from Malaysia, Thailand, Cambodia, Singapore, India, Nepal, Ghana, Nigeria, South Africa, and the World Bank. This additional feature of the ACRS Weekly Alert has added value to the IOC membership.

The consultation meetings during Stage 3 also led to strong collaboration interests from a core group in Malaysia – Malaysian Institute of Road Safety Research (MIROS) and University Putra Malaysia (UPM). ACRS has continued positive engagement with them in accordance with their expressed needs and interests, especially a 3-way Memorandum of Understanding (MOU) between the ACRS, MIROS, and UPM. This has

the potential to provide a model of operation that might facilitate expansion of collaborations with other Asian countries.

Over the last decade Malaysia established the ASEAN NCAP program in conjunction with Global NCAP, and with substantial policy, planning, and implementation advice and assistance from ANCAP. Given Malaysia, in particular MIROS, is a key player in ASEAN NCAP, an invitation to the NSW Chapter event on Safer Vehicles on 11th March 2021 was forwarded to Malaysian stakeholders – 9 people attended this event from Malaysia. This demonstrates the ability and willingness for Malaysia to share its expertise and experience with Australia and other countries. This NSW Chapter invitation also reaffirmed Malaysian partners' expression of interests in participating in ACRS Chapter events and learning more about the ACRS and how Chapter events operate.

Stage 5 (Support and First Review)

To review the value of the IOC for the ACRS and its members, and determine the future direction of international outreach activities of the ACRS, an IOC member survey was developed and conducted via SurveyMonkey in mid-2021. All IOC members were invited to respond. Responses were received from 35 IOC members from 13 countries, 10 of which were LMICs (Table 1).

Table 2. IOC member survey respondents by country

LMICs	Cambodia	2
	Hong Kong	2
	India	2
	Iran	1
	Nepal	1
	Pakistan	1
	Philippines	3
	Thailand	2
	Turkey	1
	Uganda	1
HICs	UK	1
	New Zealand	1
	Australia	17
TOTAL		35

The survey results suggest that IOC members see value in the Chapter and want it to continue. The survey results were assessed in detail to propose a future model of the IOC. Both the results and the proposed future model were discussed amongst the IOC members at the 4th meeting, which was held as a pre-ARSC2021 event. This IOC meeting was open to all ARSC2021 delegates to further increase the exposure of the Chapter. At the meeting, a future model of the IOC was agreed on, including the establishment of an IOC Committee and a membership fee structure.

Through the Grant we were able to fund 14 LMIC IOC members to attend the ARSC2021. This allowed the LMIC IOC members to attend the 3-day virtual conference, bringing together representatives from all facets of road and transport safety, facilitating collaboration and information sharing, and of course allowing them to attend the pre-conference IOC meeting.

IOC Committee members were selected to spearhead the IOC into the future, with continuing ACRS Secretariat support as needed. This Chapter Committee structure has worked well with other ACRS Chapters across Australia and New Zealand. This structure facilitates more direct participation in, contribution to, and shaping of Chapter activities by the members. To ensure relevance and sustainability, two Co-Chairs were selected from LMICs as well as one with prior experience within ACRS as a Co-Chair.

Table 3. IOC Committee

Role	Country
Co-Chair	Malaysia
Co-Chair	Iran
Co-Chair	Australia
Secretary	Nepal
General committee	Botswana
General committee	Malaysia
General committee	Cambodia

The fee schedule for LMIC members to join the ACRS was created with consideration of the possible limitations in their capacity to pay, while allowing a sense of ownership by contributing a nominal membership fee. The nominal fee for LMIC members is not intended as a revenue source. ACRS will implement this model from 1 January 2022.

Table 4. IOC Membership fee structure

IOC Member Type	Possible Fee Schedule
Members from Australia, NZ and other HICs	As per current ACRS member fees
Members from LMICs	Nominal fee of AU\$10

At December 2021, the IOC consisted of 95 members from 28 countries. The 22 countries highlighted in Table 4 below are LMICs. Most of the high income country members have direct work experiences in LMICs including Asia.

Table 5: IOC membership

Australia (30)	India (8)	Nepal (1)	South Africa (1)
Bangladesh (3)	Indonesia (1)	New Zealand (2)	Thailand (5)
Botswana (1)	Iran (12)	Nigeria (1)	Turkey (1)
Cambodia (4)	Malawi (1)	Pakistan (2)	Uganda (6)
China (3)	Malaysia (6)	Papua New Guinea (1)	United Kingdom (1)
Finland (1)	Mozambique (1)	Philippines (3)	Vietnam (1)
Germany (1)	Myanmar (1)	Portugal (1)	Zimbabwe (2)

At December 2021, a total of five web-based IOC meetings had been held. At the last IOC meeting for 2021, there were presentations on possible research programs which will contribute to improved road safety outcomes in Nepal and the implementation of No Helmet – No Petrol in India. IOC members were given the floor to share their intentions and opportunities in their countries.

Membership Report

2021 saw an increase in membership, and ACRS gained most of its new memberships from September to December 2021 from two main sources. Delegates who had paid for face-to-face tickets to the Australasian Road Safety Conference 2021 had their registrations changed to virtual-only following the COVID-19 lockdowns, so these delegates were offered membership as part of their refunds from changing registrations. Also due to the reduced costs of scholarships to the virtual-only conference, the excess funding from grants and sponsorships by the Victorian Government and Transport Accident Commission which were used to provide LMIC and Rural & Regional presenters with scholarships to the conference, were also used to provide them with a year of membership as well. These refunds and scholarships meant there was a large influx of members around September-October.

The grant provided by the Department of Infrastructure, Transport, Regional Development and Communications was used for the International Outreach Program (IOP), which provided free membership to LMIC and other overseas individuals (the funding paid for a Platinum Membership which is displayed in the tables below). This grant concluded in December 2021 where its members were then sent invoices as Individual Members – those that live in LMICs were charged a nominal fee of \$10 which, while not expected to contribute greatly to ACRS income, will hopefully increase engagement from LMICs who might not otherwise be able to contribute to the road safety discussion. IOP Platinum members who decided to continue with paid membership are now classed as Individual Members, including the new LMIC category.

In November 2021 work intensified around setting up the College's new membership database. This database was finalised in early January 2022 and enables us to provide the below membership statistics with improved accuracy. This database, once connected to an upgraded ACRS website, will allow members to access the information that the ACRS holds and update this at any time. It is hoped that in the future this will enable us to provide more in-depth analyses on our membership statistics.

Two main decisions around membership fees were approved by the Executive Committee in November 2021, and these included the increase in fees for most categories of membership, and the total removal of fees for Fellows. While all categories (except for Concession, Student, and Gold Memberships) experienced a slight increase in fees, the ACRS had a large retention rate for 2022 as mentioned in the Treasurer's Report. Fellows appreciated the removal of fees from their memberships, and some voluntarily donated their usual fee as a gift to the College. As part of the change to free Fellowships, the ACRS has also started contacting past Fellows that may no longer be part of the College, to invite them to take out free memberships to thank them for their contributions to road safety.

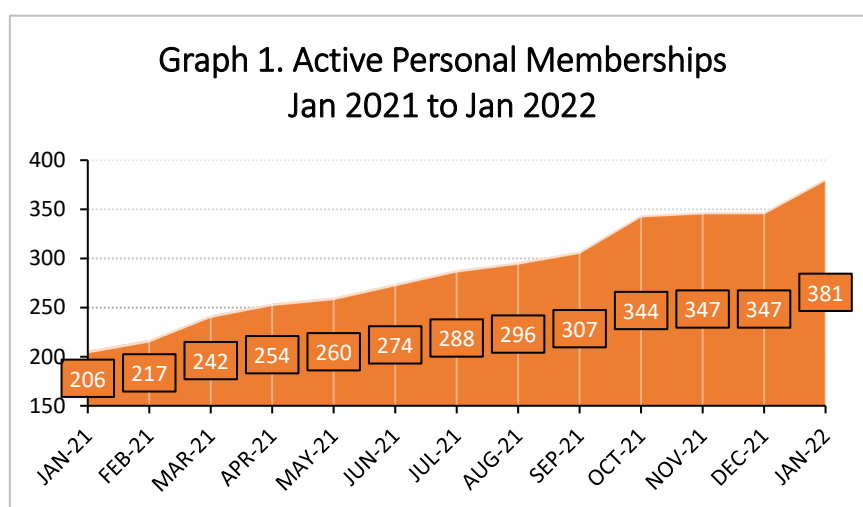


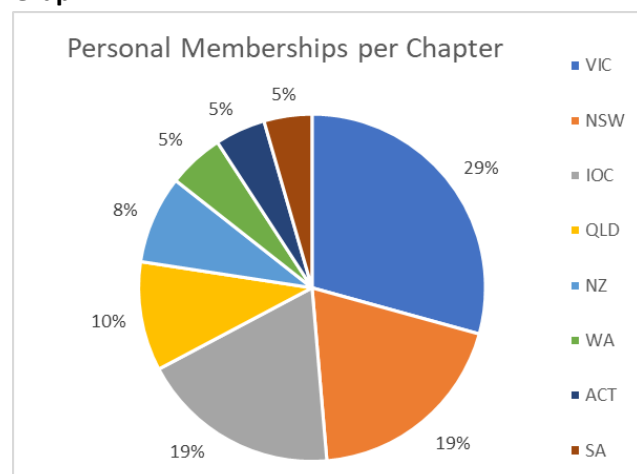
Table 6. Individual Paid Members (at 28 Feb)

Member Type	2020	2021	2022
Personal	124	176	218
Community Group	7	12	11
Concession	16	17	17
Student	1	1	6
LMIC	0	0	44
Associate Fellow	11	9	11
Fellow	7	9	12
Total	166	224	319

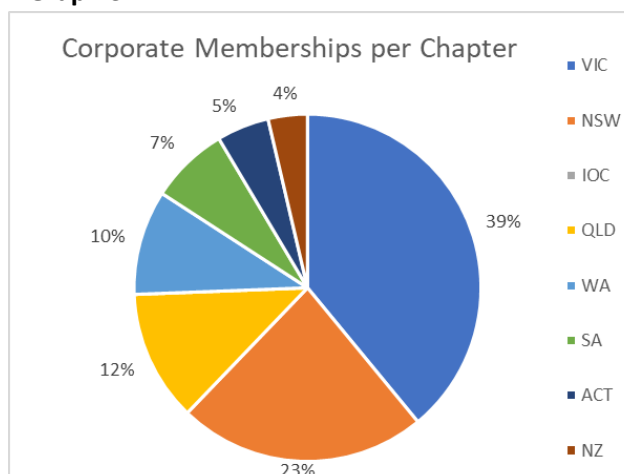
Table 7. Corporate Paid Members (at 28 Feb)

Member Type	2020	2021	2022
Platinum	1	2	1
Gold	1	1	2
Silver	10	10	8
Bronze	47	54	61
Total	59	67	72

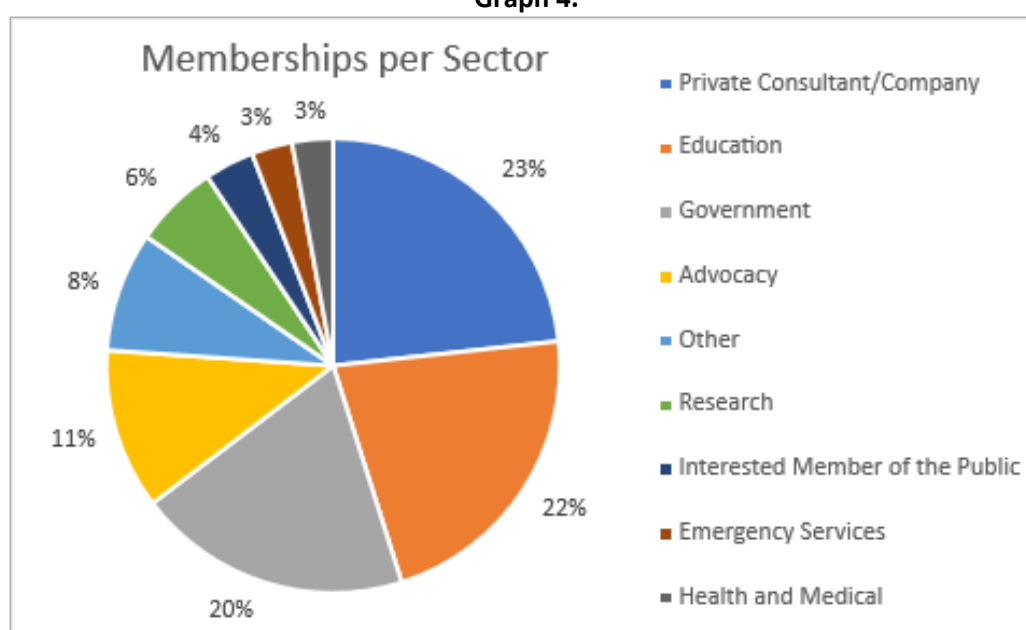
Graph 2.



Graph 3.



Graph 4.



Chapter Reports

ACT & Region Chapter

Chair	Mr Eric Chalmers AM
Deputy Chair	Ms Joanne Wilson-Ridley
Secretary	Mr Keith Wheatley
Treasurer	Mr Steven Lake
Committee Member	Mr Eddie Wheeler
Committee Member	Ms Fran Stanford

Chapter Update

- The ACT & Region Chapter held its Annual General Meeting on 26 April 2021. The abovementioned Office Bearers were elected. Membership of the Committee is open to all members who wish to attend meetings and are able to nominate for positions on project management teams and other activities.
- The AGM endorsed a forward work program for 2021 and 2022 which included the following existing and new projects:
 - Wildlife Collisions in the ACT and surrounding areas (continuing)
 - Older driver safety (continuing) – work with the Council of the Aging (COTA ACT) to help improve the safety of older ACT drivers. This includes assisting in the review of the ACT Older Driver Handbook and the conduct of a forum or webinar for older drivers.
 - Conduct one or two road safety forums in conjunction with ACT Road Safety.
 - Undertake an information seminar on the 2021 National Road Safety Strategy and Action Plan once they were released.
 - Speed, fatigue and overloaded vehicles. The project aims to address concerns about speed and fatigue crashes in areas of Southern New South Wales particularly as it relates to tradies and students. Concern also exists about the overloading of heavy vehicles.
- After a relatively quiet year in 2020, six electronic committee meetings were held and well attended.

Projects

Wildlife Collisions in ACT and surrounding areas

Discussions with stakeholders during 2021 on the investigation of the extent and seriousness of crashes involving road users and wildlife in the ACT and surrounding areas. A significant breakthrough was achieved this year. The ACT Government approved a \$50,000 ACT Strategic Road Safety Grant to the University of Sydney to assess the extent of harm and estimate the costs of road crashes involving wildlife in the ACT and surrounding areas. Prof Catherine Herbert of the School of Life and Environmental Sciences will lead the project. The team will liaise with ACT Health, ANU Medical School and the Chapter.

Older Driver Project

COTA ACT continued its review of the Older Driver Handbook and a new draft is currently being assessed. The project was delayed a little because of other COTA commitments. Alternative arrangements for holding the proposed joint forum on older driver issues in 2022 are being considered.

Safety when transport and work merge

The original scope of this project has changed. Evidence from traffic and speed data highlighted elevated risks and crashes for tradespersons driving to and from their employment along with risks for driving as part of their work. This will be the project's revised focus workshop in 2022.

National Road Safety Strategy and Action Plan

Promotion of the National Road Safety Strategy and Action Plan is on hold until the National Road Safety Action Plan is released. It may be necessary to promote the Strategy and Action Plan separately.

NSW Chapter

Chair	Mr Duncan McRae
Deputy Chair	Dr Prasannah Prabhahran
Treasurer and Policy Submission	Mr Mick Timms
Seminar Coordinator	Dr Anna Chevalier
Stakeholder Liaison	Mr David McTiernan
Committee Member	Dr Liz de Rome
Committee Member	Dr Cassandra Gauld
Committee Member	Dr Ralston Fernandes
Committee Member & ACRS Fellow	Emeritus Professor Mike Regan

Chapter Update

- For the past two years the NSW Chapter has focused on taking a more strategic approach to its activities. During 2020, the Committee concentrated on stakeholder engagement, collaboration, and consultation.
- For 2021, the Chapter has focused on identifying key areas where it could bring about practical change. The Committee has developed a framework to address the first key area - *Enhancing understanding of speed*.
- The NSW chapter also made several submissions to policy and strategy reviews including, to the Staysafe Committee inquiry on Mobile Speed Cameras and the inquiry on road tolling regimes.
- Ongoing Chapter Activities
 - Ongoing presence on IPWEA (NSW) Road Safety Panel
 - Ongoing presence on TfNSW Towards Zero Community (Local Government) Partnerships Steering Committee
 - Bi-monthly meeting with TfNSW Centre for Road Safety and ACRS

Professional Development Activities

Safer Vehicles: Opportunities to reduce road trauma by improving the fleet – March 2021

David Beck (Transport for NSW, Centre for Road Safety)

Mark Terrell and James Hurnall – ANCAP (Australasian New Car Assessment Program)

This seminar provided insights into the range of innovative in-vehicle safety systems, testing and evaluations of these systems, and the ability of these systems to reduce road trauma.

[Find the recorded webinar here.](#)

Young, novice drivers and telematics feedback to improve safety-related driving performance – May 2021

Professor Teresa Senserrick, Centre for Accident Research & Road Safety, Queensland University of Technology (CARRS-Q, QUT)

Dr Amanda Rawlinson, Manager CTP Scheme Policy, State Insurance Regulatory Authority (SIRA)

Telematics are an in-vehicle system that collects driving data. Telematics are sometimes paired with a system to provide real-time and/or post-drive feedback to the driver. This seminar focussed on the potential value of telematics feedback to improve safety outcomes and driving performance for young, novice drivers.

[Find the recorded webinar here.](#)

Victorian Chapter

Chair	Dr Jeff Potter
Secretary/Treasurer	Ms Wendy Taylor
Vice Chair	Ms Kathryn Collier
Comms/Social Media	Ms Elle Lazar
Committee Member	Dr Sjaan Koppel
Committee Member	Ms Stephanie Davy
Committee Member	Mr Ashim Debnath
Committee Member	Ms Helen Reddan
Committee Member	Mr Kenn Beer
Committee Member	Dr Tana Tan
Committee Member	Dr Sharon Newman
Committee Member	Ms Kelly Imberger
Committee Member	Mr Craig Hoey
Committee Member	Mr Shaun Lennard
Committee Member	Ms Naomi Arndt-Cooper
Committee Member	Ms Tia Gaffney
Committee Member	Dr Marilyn Johnson
Committee Member	Ms Chris Harrison

Chapter Update

The past year has been an eventful and successful one for the Victorian Chapter.

The Melbourne 2021 Australasian Road Safety Conference was the highlight of the year, due in no small part to the dedication of many members of the Chapter who served on the Conference Organising Committee, Scientific sub-Committee, Sponsorship sub-Committee and Social sub-Committee. I would like to thank everyone who has given their time so freely, particularly the sub-committee chairs, Marilyn Johnson, Shaun Lennard, Kathryn Collier and Ray Shuey. I particularly thank Marilyn Johnson who, with the assistance of Raph Grzebieta and the rest of the Scientific sub-Committee, doggedly pursued abstracts, papers and reviewers to ensure we had the necessary content for the conference. I would also thank ACRS President Martin Small, CEO Ingrid Johnston and everyone from the College Office, as well as Shanna Sheldrick and her team whose support made the first fully online Australasian Road Safety Conference such a success.

The evolving impacts of the global pandemic thwarted our plans for several other events during the year. Nonetheless the planning that was put into these events will serve the incoming Committee in good stead for the coming year.

Congratulations to Victorian Chapter member Ray Shuey for receiving an AM for significant service to road safety organisations and initiatives in the Australia Day Honours.

As with any member led organisation, nothing would happen without the industry and efficiency of the committee members. Thank you to everyone who has served on the Victorian Chapter committee in 2021-22, and especially to Wendy Taylor for so diligently and effectively fulfilling the roles of Secretary and Treasurer, Elvira Lazar for excellent communications and logistics to keep committee and membership informed, and Kathryn Collier for cheerfully stepping in, often at very short notice, to chair meetings and ably represent the College. I would also like to thank Marilyn Johnson and Kelly Imberger, who are stepping down from the Victorian Chapter Committee after many years of valuable and deeply appreciated contributions.

Jeff Potter
Chair, ACRS Victorian Chapter

South Australian Chapter

Chair	Dr Jamie MacKenzie
Deputy Chair	Mr Matthew Vertudaches
Treasurer	Dr Jeffrey Dutschke
Secretary	Mr Philip Blake
Committee Member	Mr Amit Dua
Committee Member	Mr Robert Gray
Committee Member	Mr Andrew Rasch
Committee Member	Mr Martin Small

Chapter Update

The following submissions were made to the South Australian Department for Infrastructure and Transport (DIT):

- Proposed changes to the legislation on the Motorcycle Graduated Licencing Scheme,
- The development of South Australia's Road Safety Strategy to 2031, and
- A draft release of South Australia's Road Safety Strategy to 2031.

The chapter also prepared a policy and leadership brochure intended for distribution to candidates and key policy people during the March 2022 state election campaign period.

Professional Development Activities

Hydrogen Fuel Vehicles - 12 February 2021

Scott Nargar (Senior Manager of Future Mobility & Government Relations, Hyundai Motor Company Australia)

Scott gave an interesting presentation on Hydrogen fuel vehicles. After outlining the context in terms of the drive towards sustainable transport and the situation with Australia's fuel security, Scott gave a comprehensive outline of the technology, including refuelling, fuel cell stacks, power train, hydrogen tanks, regulators and pressures and refuelling infrastructure. Interestingly much of the drive train is the same as used in Hyundai EVs.

He showed examples of the technology in cars, trucks and buses, with heavy transport a particular focus. Scott briefly discussed some opportunities in Australia.

Vehicle safety aspects included that the hydrogen fuel cell cars coming to Australia are 5 Star ANCAP rated, and vehicle identification uses QR Codes in several places around the vehicle along with number plate tags for first responder safety. The QR Codes enable online access to detailed vehicle component safety information. [Watch the recording here.](#)

Latest CASR Road Safety Research - Speed, brakes, COVID traffic, older pedestrians and safe system training – 7 May 2021

Matthew Baldock (CASR, University of Adelaide), Sam Doecke, Jamie Mackenzie, Chris Stokes, Research Fellow, CASR, University of Adelaide, Martin Elsegood, James Thompson

After Matthew provided a brief overview and update on CASR, Sam presented very interesting new research on using pre-crash speed data from event data recorders to update speed-risk curves. This research adds to the knowledge behind the Wrangborg Curves and may potentially update them. Research on light vehicle brake testing methods and the effects of various vehicle brake faults on stopping distances was then presented by Jamie.

Chris followed with an overview of a short course on The Safe System for road engineers and managers developed by CASR and now being delivered. The course incorporates learning materials developed with the Transport Accident Commission, includes engaging case studies and assessment quizzes. The effects of the COVID-19 restrictions on traffic flows in South Australia was then explored by Martin Elsegood and the webinar concluded with James Thompson presenting on crashes involving older pedestrians in South Australia. Martin used SCATS traffic count and AddInsight Bluetooth-based speed data along with crash data and found interesting variation from the impacts from COVID between metropolitan and rural areas traffic volumes, speeds and crashes. James highlighted some lesser known aspects of older pedestrian crashes compared to younger pedestrians, including alcohol, responsibility and inattention. [Watch the recording here.](#)

Community Road Safety Education – Wednesday 8 September 2021

Ben Haythorpe, Senior Manager Community Engagement, Royal Automobile Association of South Australia
Trevor Bailey, Centre for Automotive Road Safety, University of Adelaide

Ben gave an excellent overview of the various road safety education programs provided by the RAA. The Street Smart High program for secondary students has now been in operation for 10 years and its effectiveness has been supported by feedback from teachers. Ben also outlined Street Smart Primary along with a trial of Street Smart Preschool; all aimed at their respective age groups. Another youth-oriented programs touched on was Keys2Drive. Other RAA programs were the Safety Centre, where parents receive training in child restraint installation; Years Ahead, aimed at the older demographic, and a trial of Senior Drivers Masterclass.

Trevor gave an engaging presentation on effective road safety messaging for children, teenagers and parents, emphasising evidence-based messaging. Research identified some good practices for children and teenagers as pedestrians, cyclists and passengers. Some lessons from past campaigns were presented, including some community campaigns from Word War 2, the 'Clunk-Click' restraint use campaigns from the UK, and the NSW 'Little Pinky' campaign, with some lessons learned. [Watch the recording here.](#)

Advanced Road Safety Technologies – November 2021

Andrea Ash, Vice President Marketing at Cohda Wireless
Damian Hewitt, Head of Smart Cities and Future Mobility, SAGE Group

Cohda Wireless has led the way in Cooperative Intelligent Transport Systems (C-ITS) technology. Andrea outlined that Cohda Wireless's products enable far greater situational awareness than vehicle-based cameras, lidars, radars, etc, and as such complement these systems, particularly looking towards further automation of vehicle operation. Communicating using either Dedicated Short Range Communications (DSRC) or 5G cellular, vehicle to 'anything' (or V2X) technology is progressing with Volkswagen now deploying DSRC in Europe and 5G taking more favour in the USA.

Damian then followed with an interesting presentation on the scope of transport related activities at SAGE, the recent acquisition of AddInsight from the South Australian Government allows SAGE's Smart Cities delivery model to support a whole-of-network approach, bringing the opportunity to focus on key initiatives such as equitable transport supporting disability and age care needs and safer communities. Damian outlined the R-JAWS project which is designed to provide roadside warnings to main-road traffic that a vehicle is approaching from a side road by flashing alternate yellow lights enhancing the associated warning signage. The Smart School Zone project was also outlined, with both projects featuring a data capture functionality to enable evaluation. These projects are being implemented in partnership with the Department for Infrastructure and Transport and the Centre for Automotive Safety Research (The University of Adelaide). Damian also touched on SAGE's involvement in public transport through the Journi product. Mobility-as-a-Service and involvement with autonomous vehicle trials. [Watch the recording here.](#)

Thank you to the University of Adelaide for hosting the Zoom and Microsoft Teams platforms utilised for the webinars. All of the above presentations are available on the [ACRS YouTube Channel](#). The Chapter Committee continues to be active with a running list of subject ideas and is planning further professional development events for 2022.

Western Australian Chapter

Chair	Ms Teresa Williams
Deputy Chairperson	Ms Terri-Anne Pettet
Secretary	Ms Gina Arena
Treasurer	Mr Edward Rose
Member Engagement Officer	Mr Adam Wilmot
Committee Member	Ms Fritha Argus
Committee Member	Ms Christine Smith

Chapter Update

- The year commenced with a revitalised approach to the Chapter and Chapter Committee, increasing the number and nature of positions for member participation in the Committee. This resulted in more people being available to plan, prepare and conduct activities for the Chapter. To inform the Committee's efforts, a survey was conducted to establish how the Chapter could provide meaningful professional development and valued activities. A programme of meetings, events, and opportunities for members to participate and engage was established. The Committee met monthly and held Chapter meetings quarterly. Quarterly meetings included a professional development opportunity or networking.
- Workshops which provided members with the opportunity to provide input into College submissions were introduced. Workshops included the Western Australian draft Infrastructure Strategy and the 2021 Australian Government Joint Select Committee on Road Safety. Feedback from participants was very positive and participation demonstrated a growing level of engagement amongst members.
- A Book Club was established during the year. The Book Club meets regularly, and each meeting discusses a particular article of research or a publication. Attendees join in person or online.
- Throughout 2021 Western Australia was not subject to significant restrictions regarding activities which prohibited or inhibited people physically gathering. Consequently, the Committee was able to arrange events for personal attendance. Notably a hub was established for the 2021 College Conference. Further, the year ended with a social event to get to know Committee members better.
- Corporate members have been very supportive through the provision of venues for meetings and events, and often arranging the guest speakers, for example the WA Centre for Road Safety Research (WACRSR) at the University of Western Australia (UWA). WACRSR also include articles and promotion of the WA Chapter's activities. The support of corporate members is greatly appreciated.
- Involvement in some corporate member events has been invited and whenever possible the opportunity accepted. Notably, the World Day of Remembrance hosted by Injury Matters on the third Sunday of November 2021 which was opened by the WA Minister for Road Safety and the Chairperson provided a personal reflection of lives lost and lives changed because of road trauma.

Professional Development Activities

First Quarter Seminar/s

Seminar Hosted by GHD, presented two topics:

- 'The low cost intersection improvement programme', a programme developed and delivered by Main Roads Western Australia, presented by Main Roads; and
- 'A comparison of the Western Australian and Victorian road safety strategies', presented by GHD.

Second Quarter Seminar/s

Seminar hosted by WACRSR, *Road Safety Potential from Telematics*, presented by Professor Mark Stevenson of Melbourne School of Design, The University of Melbourne.

Seminar hosted by WACRSR, *Automotive Future: from Zero Emission to Zero Accidents? Why support for EVs is crucial for population health*, presented by Professor Thomas Braunl of the University of Western Australia.

From preventing problem behaviours to catering for errors: WA road safety progress, aspirations and research – Seminar hosted by WACRSR

Mr Iain Cameron, Chairperson of the Road Safety Council Western Australia

In this presentation, Iain summarised the road safety results achieved in WA between 2008 and 2020 under the Towards Zero Strategy, where the gains have been made and outlined the current situation/trends and the challenges and opportunities to 2030. Iain discussed the contributions from research and identified some of the enduring questions requiring more understanding that will assist implementation of programs including scaling up, use of technology and culture and social change.

Driving Change: Challenges and Opportunities – Seminar hosted by WACRSR

Mr Adrian Warner, Western Australian Road Safety Commissioner

The Commissioner discussed Driving Change – WA's approach to achieving the 50- 70% road trauma reduction target by 2030. Driving Change sets out WA's Road Safety Strategy over the next 10 years. It outlines a shared vision, priorities and effective implementation areas for government, the private and not-for-profit sectors and the community.

ARSC 2021 WA Hub – hosted by GHD

The conference hub enabled people to come together for the second day of the conference. With the support of the College, WA attendees accessed the online conference with different conference streams being made available in different rooms, networking taking place between sessions and open dialogue throughout the day. The day was well attended and the immediate feedback from various attendees was overwhelmingly positive.

Book Club

Global Road Safety Facility – World Bank, 2021, *Guide for Road Safety Interventions: Evidence of What Works and What Does Not Work*, The World Bank Global Road Safety Facility with funding from UK Aid. Available at: [Guide for Road Safety Interventions: Evidence of What Works and What Does Not Work | GRSF \(roadsafetyfacility.org\)](https://roadsafetyfacility.org/)

Webster, E. and Davies, D. 2020, *What kills most on the roads? New Analysis for the new transport agenda*. Parliamentary Advisory Council for Transport Safety, Westminster, Second Edition. Available at: <https://www.pacts.org.uk/wp-content/uploads/PACTS-What-kills-most-on-the-roads-Report-15.0.pdf>.

Harris, A. no date, *Effective Community and School Based Road Safety for Young People*, prepared for VicRoads, the Transport Accident Commission, School Drug Education and Road Safety, the Victorian Community Road Safety Partnership Programme, and the Victorian Road Safety Education Reference Group. Available at: [5202_tac_effective_community_school_based_road_safety_for_young_people_research_summary-1.pdf \(sdera.wa.edu.au\)](https://sdera.wa.edu.au/5202_tac_effective_community_school_based_road_safety_for_young_people_research_summary-1.pdf)

Our thanks to the Western Australian Local Government Association and Main Roads Western Australia which have both hosted Book Club.

Queensland Chapter

Chair	Dr Mark King
Deputy Chair	Mr Simon Kirkpatrick
Secretary / Treasurer	Mr Chae Rose
Committee Member & ACRS Fellow	Prof Barry Watson
Committee Member	Ms Ioni Lewis
Committee Member	Dr Verity Truelove
Committee Member	Dr Natalie Watson-Brown
Committee Member	Dr Oscar Oviedo-Trespalacios
Committee Member	Prof Teresa Senserrick
Committee Member	Prof Narelle Haworth
Committee Member	Ms Sherrie-Anne Kaye
Committee Member	Ms Susan Teerds

Chapter Update

- The Chapter's activities were affected by the ongoing restrictions on face-to-face meetings and on movements in general; some changes have been made to facilitate Chapter communication independent of seminar events
- The Sunshine Coast sub-chapter is continuing to be very active and provides a good model for local ACRS nodes
- The release of the Queensland Road Safety Strategy is anticipated, and will provide the Chapter with some areas of focus for seminars and advocacy
- The Chapter AGM was held on 1 June and the above Committee was elected; Veronica Baldwin was thanked for her many years of service as Secretary/Treasurer and wished well for her retirement
- The 7 December meeting raised the need to re-engage road safety stakeholders in the ACRS, which has subsequently commenced; since Queensland will host the 2023 Australasian Road Conference (ARSC2023), the Chapter was invited to nominate one member each for the two main committees for ARSC2022 in NZ, with the nominees being Natalie Watson-Brown and Oscar Oviedo-Trespalacios; they are providing feedback to the Qld Chapter on considerations for the 2023 conference.

Professional Development Activities

1 June, 2021: Young drivers, driver training and the graduated driver licensing system

Dr Natalie Watson-Brown, CARRS-Q, QUT

Geoff Watt, General Manager of the Australian Drivers Trainers Association

14 December, 2021: Queensland and the Global Plan for the 2nd UN Decade of Action on Road Safety: what is the global plan and is it relevant to Queensland?

Dr Judy Fleiter, Global Road Safety Partnership

The 1st Decade of Action on Road Safety finished last year, and although progress was made, the target was not achieved. The UN has released its Plan for the 2nd Decade of Action on Road Safety, and there are some important differences. The plan is not a one-size-fits-all recipe for road safety, instead it presents a framework, and challenges us to develop plans that suit our own context. It also broadens how we look at road safety by emphasising the increasing availability of new modes of transport, the relationship between transport and land use planning, and the role of road safety in contributing to a sustainable society. In this presentation, Dr Judy Fleiter of the Global Road Safety Partnership outlined the development of the plan and explained its main aspects. We then heard from some Chapter members on their views about how the plan relates to Queensland across the range of road safety activities, before opening the seminar to general discussion. This is timely, as we move towards a post-COVID world with fatalities and injuries having increased far more than anticipated.

New Zealand Chapter

Co-Chair	Dr Rebecca McLean
Co-Chair	Mr Paul Durdin
Treasurer/Secretary	Ms Robyn Gardener
Committee Member	Mr Paul Graham

Chapter Update

- 2021 was a quiet year for the NZ Chapter as preparations for the 2022 Australasian Road Safety Conference ramped up.
- A key initiative during the year was a submission on the proposed Land Transport Rule: Setting of Speed Limits 2021. The Chapter received a presentation on the proposed Rule from Glenn Bunting of Waka Kotahi (details below). The Chapter strongly supported the intent of the Rule and made several suggestions including:
 - Maximum speed limits of 30 km/h outside urban schools,
 - Enhanced collaboration between local and central government in the development of speed management plans,
 - Further central government support to build capacity in local government organisations, and
 - Specifying timeframes for implementation of safe speed limits.
- During the year, the committee put considerable effort into coordinating a Hub for NZ-based members to gather together to watch the virtual 2021 Australasian Road Safety Conference held virtually. Unfortunately, our efforts were thwarted at every turn and ultimately members had to participate in the conference virtually like everyone else.
- In terms of planning for the 2022 Australasian Road Safety Conference, the Committee:
 - Helped facilitate a memorandum of understanding with TrafiNZ to join forces for the conference
 - Produced material that was included in the promotional video for the conference
 - Established organising and scientific committees
 - Set the conference theme and sub-themes
- The NZ Chapter looks forward to welcoming all ACRS and TrafiNZ members to the conference in September 2022

Professional Development Activities

Introduction to the Proposed Setting of Speed Limit Rule

Glenn Bunting, Manager Network Safety, Waka Kotahi NZ Transport Agency

An overview of a proposed new rule enabling an improved approach to speed management planning on New Zealand roads, called the Land Transport Rule: Setting of Speed Limits 2021 <https://www.nzta.govt.nz/about-us/consultations/land-transport-rule-setting-of-speed-limits-2021-consultation/>. The presentation helped inform NZ Chapter members of the proposed rule so we could make an informed submission on it. [View the recorded webinar here.](#)

Journal of Road Safety

Table 8. Editorial Board

Editor-in-Chief

Prof Raphael Grzebieta (FACRS)	Emeritus Professor (Road Safety), Transport and Road Safety (TARS) Research Centre, UNSW Adjunct Professor, Victorian Institute of Forensic Medicine, Monash University Department of Forensic Medicine	NSW, Australia
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Managing Editor

Dr Chika Sakashita	Australasian College of Road Safety Global Road Safety Solutions	NSW, Australia
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Editorial Board

Dr Rebecca McLean	Senior Lecturer Fellow, Dept Preventive and Social Medicine, Dunedin School of Medicine, University of Otago	New Zealand
Prof Judith Charlton	Director, Monash University Accident Research Centre	VIC, Australia
Dr Judy Fleiter	Visiting Fellow, CARRS-Q, Queensland University of Technology	QLD, Australia
Prof Clay Gabler (deceased)	Samuel Herrick Professor of Engineering, Virginia Tech	Virginia, USA
Prof Rebecca Ivers	Head of School, Public Health & Community Medicine, UNSW	NSW, Australia
Prof Soames Job (FACRS)	CEO, Global Road Safety Solutions	NSW, Australia
A/Prof Michael Keall	Research Associate Professor, Department of Public Health, University of Otago Medical School	New Zealand
Dr Nadine Levick	Director, Objective Safety LLC	Israel
Prof Andrew McIntosh	Director, McIntosh Consultancy & Research Adjunct Professor, ACRSIP FedUni Adjunct Associate Professor, Monash University Accident Research Centre	VIC, Australia
Prof Lynn Meuleners	Director, School of Population and Global Health, University of Western Australia	WA, Australia
Prof Jake Olivier	Professor, School of Mathematics and Statistics, UNSW	NSW, Australia
A/Prof George Rechner	Adjunct Associate Professor, Transport and Road Safety (TARS) Research Centre, UNSW	NSW, Australia
Prof Michael Regan (FACRS)	Emeritus Professor, Research Centre for Integrated Transport Innovation (rCITI), School of Civil and Environmental Engineering, UNSW	NSW, Australia
Dr Ray Shuey	Principal and Founder, Strategic Safety Solutions Pty Ltd. President/Chairman, International Safety Foundation (NFP Charity)	VIC, Australia
Prof Gordon Smith	Stuart M. and Joyce N. Robbins Distinguished Professor, School of Public Health, West Virginia University Adjunct Professor, University of Maryland School of Medicine	West Virginia & Maryland, USA
A/Prof Richard Tay	VC Senior Research Fellow, RMIT University	VIC, Australia

Dr Blair Turner	Senior Transport Specialist, Global Road Safety Facility, World Bank	Washington DC, USA
Dr Shane Turner	Technical Director, Road Safety, Abley. Adjunct Senior Fellow, Department of Civil and Natural Resources Engineering, University of Canterbury	New Zealand
Prof Barry Watson (FACRS)	Adjunct Professor, CARRS-Q, Queensland University of Technology	QLD, Australia
Prof Fred Wegman	Emeritus Professor of Traffic Safety, Delft University of Technology	The Netherlands
Prof Ann Williamson (FACRS)	Director, Transport and Road Safety (TARS) Research Centre, UNSW	NSW, Australia

JRS throughout 2021

The Journal of Road Safety (JRS) continued to improve its accessibility by:

- Sending out member previews of Journal editions before they are publicly available
- Including social media share functions in mailouts of Journal editions once published
- Achieving indexation with the [Directory of Open Access Journals](#) (DOAJ)
- Achieving indexation with [Bielefeld Academic Search Engine](#) (BASE)
- Including clear statements on copyright, open access, and repository policies on the website
- Embedding copyright, DOIs, and manuscript history into each article, ensuring this information can be found wherever someone accesses the article (e.g. an index rather than our website)
- Including authors in wider Journal mailouts to encourage promotion of their articles
- Including an 'Author Corner' in the Weekly Alert, which gives an author from the latest Journal edition the opportunity to further discuss their research
- Recommending the LMIC Mentorship Program to LMIC authors whose submissions were rejected

Table 9. 24 papers were published in 2021

JRS Issue	Article Types
Feb 2021 Vol 32 No 1 https://doi.org/10.33492/JRS-32-1	5 Peer-reviewed articles 1 Contributed articles
May 2021 Vol 32 No 2 https://doi.org/10.33492/JRS-32-2	5 Peer-reviewed articles 1 Contributed articles
Aug 2021 Vol 32 No 3 https://doi.org/10.33492/JRS-32-3	4 Peer-reviewed articles 2 Contributed articles
Nov 2021 Vol 32 No 4 https://doi.org/10.33492/JRS-32-4	6 Peer-reviewed articles

The production of quarterly JRS was also supported by the JRS sponsors: LB Australia, NSW Transport Centre for Road Safety, and New Zealand Transport Agency; and advertiser Ingal Civil Products.

Awards and Prizes

ACRS Fellowship

The prestigious ACRS Fellowship is recognised as the Australasian road safety community's highest honour, recognising an individual for their outstanding commitment and effectiveness in their efforts to reduce road trauma. ACRS first instituted the award of College Fellow in 1991.

Fellows must be acknowledged by colleagues and co-workers as outstanding by virtue of contributions to road safety rather than their position. The contributions must be of such a nature that they have led to substantial growth and improvement in an important institution or organisation, body of knowledge or aspect of thought and practice associated with road safety. The award recipient is presented with a plaque and citation, as the College's highest honour.



Peter Frazer was presented with the prestigious 2021 ACRS Fellowship at the ACRS Award Ceremony held on Wednesday 29 September at the 2021 Australasian Road Safety Conference (ARSC 2021).

The award is deserved recognition of Peter Frazer's outstanding contribution to road safety throughout Australia, and internationally through policy development, community education, and advocacy work. Peter's dedication began with heartbreaking personal loss. On 15 February 2012 Peter's daughter Sarah was killed in a completely avoidable road crash after her car broke down on the Hume Freeway south of Sydney. The tow truck driver who had come to Sarah's assistance also lost his life.

A month later Peter and his family established the Safer Australian Roads and Highways (SARAH) Group and in 2013 the first National Road Safety Week was established. National Road Safety Week, now a SARAH Group annual initiative, partnering with road safety organisations and Government, highlights the impact of road trauma and ways to reduce it.

Assistant Minister for Road Safety and Freight Transport Hon. Scott Buchholz MP, who participated in the Ceremony via a video presentation, congratulated all nominees "for the part you play in reducing the number of people killed and injured on our roads." He also thanked the award winner for "outstanding leadership and drive to improve road safety throughout Australia."

In presenting the award, ACRS President Mr Martin Small said he was delighted to welcome Peter as a Fellow of the Australasian College of Road Safety. "Peter is a champion for road safety. His passion inspires individuals and creates institutional change." Mr Small said.

"The impact that Peter has had through the establishment of SARAH, the National Road Safety Week, and breakdown legislation now known as Sarah's Rule is remarkable." Mr Small continued.

Sarah's Rule, which came into effect in September 2019 in NSW, requires drivers to slow down when flashing lights are present. This rule, developed to keep emergency services and roadside responders safe, has helped save many lives since its introduction.

Table 10. Previous Winners

2020	Ms Antonietta Cavallo	2006	Mr Lauchlan McIntosh AM
2019	Professor Michael Regan	2005	-
2018	Dr John Crozier & Associate Professor Jeremy Woolley	2004	Dr Soames Job
2017	Ms Samantha Cockfield	2003	-
2016	Professor Ann Williamson	2002	Mr Ray Taylor
2015	Mr Rob McNerney	2001	Mr Colin Grigg
2014	Mr Iain Cameron	2000	Professor Mary Sheehan
2013	Professor Narelle Haworth	1999	Mr Ken Smith
2012	Ms Lori Mooren	1998	Dr Jim McGrath
2011	Mr David Healy	1997	Dr Gordon Trinca
2010	-	1996	Mr Peter Makeham
2009	Professor Barry Watson	1995	Dr Michael Henderson
2008	Professor Mark Stevenson	1994	Mr Frank Green
2007	Professor Raphael Grzebieta	1993	Dr Brian Connor
		1992	Mr Harry Camkin

ACRS Young Leader's Oration Award

The ACRS Young Leader's Oration Award has been offered since the 2019 Australasian Road Safety Conference. Nominations are sought from road safety professionals throughout Australia, New Zealand and the Pacific. Nominees must be 40 years or younger, demonstrate active involvement in road safety, show the potential for future leadership and be performing inspiring work. Winners receive a prestigious ACRS plaque in recognition of their work, plus the opportunity to make a presentation of their choosing to hundreds of professionals in the road safety field. The Young Leader's Oration Award is not required to be awarded annually and was not awarded in 2021.

Table 11. Previous Winners

2021	-
2020	Dr Tana Tan
2019	Dr Oscar Oviedo-Trespacios

3M-ACRS Diamond Road Safety Award

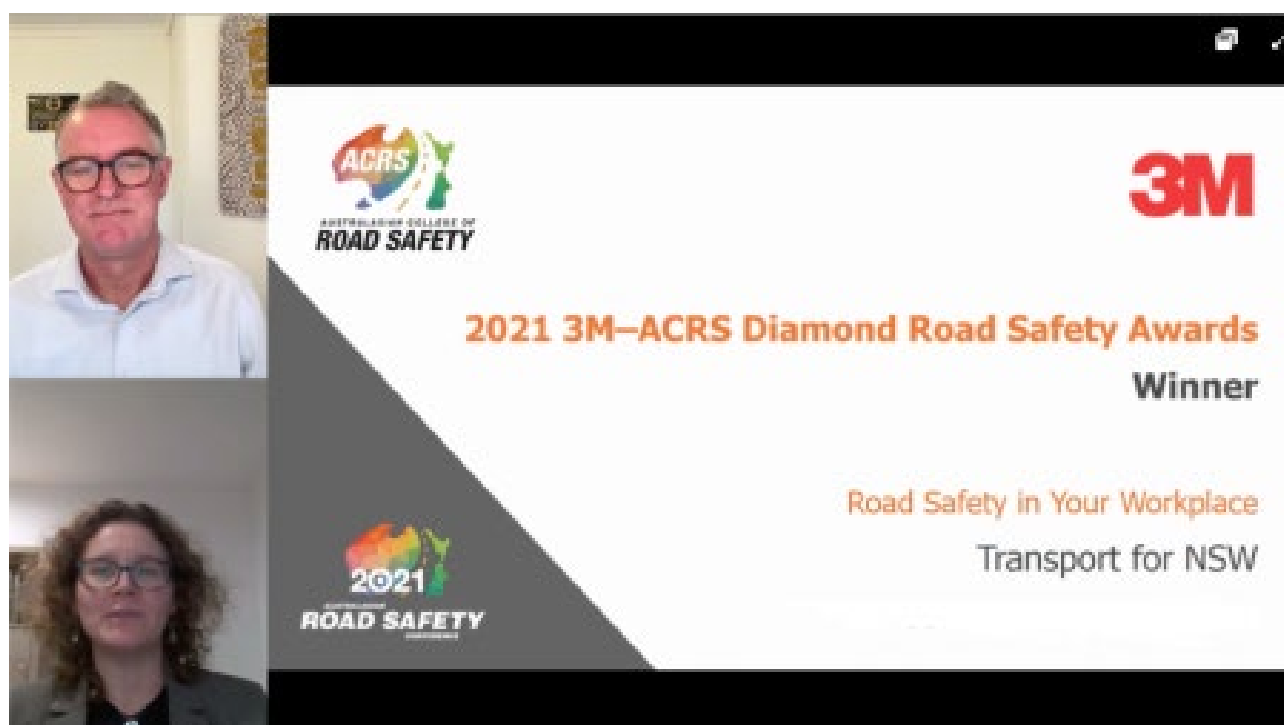
Finalists for the 3M-ACRS Diamond Road Safety Award came from many areas including state and local governments, private companies, and not-for-profit organisations. Judges of the award evaluate all the entries in terms of problem solving, innovation in technology and thinking, and the benefits in reducing trauma. Cost-effectiveness and transferability to other areas were other key criteria.

The 2021 3M-ACRS Diamond Road Safety Award has been awarded to an innovative program developed by Transport for NSW in response to the high number of workplace fatalities that occur on NSW roads every year. The government run program is a first in Australia, providing comprehensive, practical tools to support employers and workers who drive or ride while at work.

Transport for NSW developed the Road Safety in Your Workplace program in collaboration with the State Insurance Regulatory Authority (SIRA) and Insurance and Care NSW (icare) to help employers address their road safety risk and provide support and guidance to workers.

The project aim was to deliver effective information and support through new engagement tools and channels. These cost-effective tools are free for all employers and workers throughout NSW, and easily transferrable for implementation and roll-out across other jurisdictions.

The 3M-ACRS Diamond Road Safety Award was presented at the ACRS Award Ceremony held on Wednesday 29 September at the 2021 Australasian Road Safety Conference (ARSC 2021).



Assistant Minister for Road Safety and Freight Transport Hon. Scott Buchholz MP, participated in the Ceremony via a video presentation and thanked ACRS and its members for their dedication to road safety. Mr Buchholz stated, “I thank and congratulate each award winner but also every entrant. You are improving the safety of our roads through leadership, technological advancements, innovation, awareness and education.”

The award was presented by Mr Martin Small, President of the Australasian College of Road Safety (ACRS), and Mr Andrew King, Group Division Manager ANZ-Transportation Safety, Advanced Materials & Electronic Solutions Materials at 3M. Mr Martin Small, said “The Australasian College of Road Safety thanks 3M for the continued support of this highly coveted award.”

Mr Small continued “We extend our congratulations to this year’s winner, the Transport for NSW Road Safety in Your Workplace project team, for their efforts to address the staggering number of road based workplace fatalities. This is a well-deserved award and identifies the project’s capacity to be replicated across Australia and globally.”

3M representative Mr Andrew King said “In the 11th year of 3M’s support of this award we wish to congratulate Transport for NSW for the win. This project shows how thoughtful collaboration can be the basis for a well delivered, cost-effective, large-scale education program.”

There are over one million vehicles on NSW roads that are classified as a workplace. Road Safety in Your Workplace aims to equip these drivers and riders, as well as their employers, with the information and tools to get them home safely. Around 26 per cent of the fatalities on NSW roads involve a vehicle used for work. Vehicular fatalities is the number one cause of death in the workplace, and for many employers it is their greatest workplace risk.



Although in its infancy, the Road Safety in the Workplace program has already reached over 1.8 million people across NSW through a comprehensive digital engagement campaign, and an additional 5 million people through public transport advertising across Greater Sydney titled ‘Drive Safe. Work Safe.’ This campaign, coupled with digital engagement tools such as industry webinars, education activities and the development of digital resources, have been effective in embedding positive behaviour outcomes in workplaces throughout NSW.

As the winning entry, a member of the Transport for NSW Road Safety in Your Workplace project team has the opportunity to travel to the USA to visit 3M Global Headquarters in Minnesota. The ACRS and members of the road safety community across Australasia congratulate the Transport for NSW team on their outstanding contributions and their 2021 3M-ACRS Diamond Road Safety Award win.

Highly Commended for 2021:

City of Rockingham Strategic Road Safety Action Plan – Team Leader: Ryan Gibson, Coordinator Planning and Design

The development of a Strategic Road Safety Action Plan for the City of Rockingham is an important strategic step in working towards the reduction and elimination of serious injury and fatal crashes within the City. The Strategic Action Plan outlines several actions guided by the Safe System approach to achieve the goals of Western Australia’s ‘towards zero’ strategy. The strategic action plan is a combination of educational initiatives and engineering solutions to combat road safety issues on our road network and is based on the four pillars of Safe System, providing a holistic guidance to the City and the community about progressing towards zero harm.

Road Safety Training Module for Food Delivery Riders – Team Leader: Tia Gaffney, National Leader Safe Mobility Outcomes, The Australian Road Research Board | National Transport Research Centre

The program was developed by ARRB as a novel, bilingual training program for a major provider of food delivery services, in response to the Worksafe NSW set of guidelines released following the deaths of 5 food delivery riders within a period of two months in 2020. The program was built as a complete end-to-end solution for industry, intended to improve road safety for food industry delivery riders (FDRSs) by providing clear information about risk factors when operating 2-wheeled delivery vehicles. The training program uses an online platform and includes 5 core training video modules and quizzes, which correlate with the principles of road safety risk management and the safe system approach to road safety.

Table 12. Previous Winners

2020	Low Cost Implanted Compact Roundabout Mildura Rural City Council
2019	Hold the Red: Radar-based intersection collision avoidance system Queensland Department of Transport and Main Roads
2018	NT Indigenous Child Safety program Northern Territory Motor Accidents (Compensation) Commission
2017	ACT Child Safety Program Kidsafe ACT
2016	DriveSafe NT Remote Northern Territory Government
2015	Bruce Highway Centre-Line Widening Treatment Queensland Government
2014	Cycle Safe Communities The Amy Gillett Foundation
2013	Hay Point Expansion Stage 3 (HPX3) Project BHP Billiton Mitsubishi Alliance Team
2012	Transport of Children and Youth with Additional Needs (TOCAN) The Royal Children's Hospital, VicRoads, the Royal Automobile Club of Victoria, Britax Childcare, the Australian Child Restraint Resource Initiative, the Victorian Paediatric Rehabilitation Service Group at Latrobe University, Autism Victoria and the Association for Children with a Disability (ACD)
2011	Project RAPTAR: Reduce Accidents, Prevent Tragedy, Activate Resources Queensland Police Service

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Western Australian Centre for Road Safety Research

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Transport, Road Safety Victoria
Department of Transport – Vehicle & Motorcycling Policy
Department of Transport & Main Roads Queensland
Department of Transport – VIC

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Injury Matters (ICCWA)
Institute of Public Works Engineering Aust (NSW)
Intelematics
Intelligent Training Solutions Pty Ltd
Keys2Drive
LSM Technologies Pty Ltd
Mackie Research
Main Roads Western Australia
Metropolitan Fire Service
Mobi Safety Rewards Pty Ltd
Mobility and Accessibility for Children in Australia Inc.
Moonee Valley City Council
Morningson Peninsula Shire
Motor Accident Compensation Commission NT
Motor Accident Insurance Commission
Motor Accidents Insurance Board
National Transport Commission
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USC Road Safety Research Collaboration
VicRoads - Eastern Region
Victoria Department of Justice: Road Safety Camera Project
WA Local Government Association
Western Australia Police Force Road Safety Commission

ARSC 2021 Sponsors

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Department of Infrastructure, Transport, Regional
Development & Communications
NHVR
Austroads
Monash University Accident Research Centre
Transurban
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ARSC 2021 Sponsors (cont.)

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