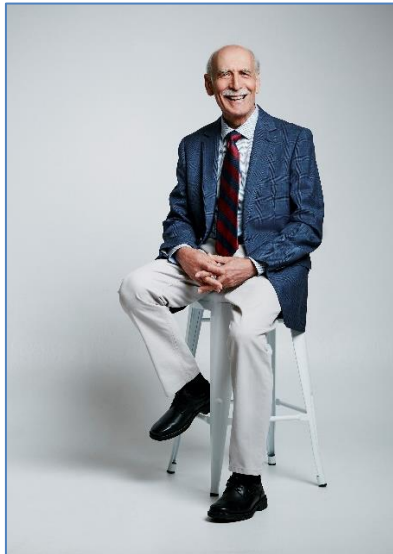


Curriculum Vitae

Dr George Rechnitzer

20 November 2022



Positions

- Director & Principal Engineer, George Rechnitzer & Associates Pty Ltd
- Adjunct Associate Professor in the Transport and Road Safety Research Centre (TARS), University of NSW
- Adjunct Associate Professor in Forensic Engineering, Victorian Institute of Forensic Medicine (VIFM), Monash University.

Expertise Forensic & Safety Engineering, Road Safety; Workplace Safety, Accident Investigation & Collision Reconstruction, Failure Analysis; Expert Reports & Litigation Support.

Qualifications

B.Eng., M.Eng.Sci., PhD, MIEAust.,CPEng., FSIA, MSAEA

LINKS:

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Biography

Dr George Rechnitzer is a professional engineer with over 50 years experience. The past 33 years have specialised in applied, academic and research projects across five main areas:

- *Forensic and Safety Engineering*
- *Safety by Design*
- *Expert reports, Expert Evidence for Court, and litigation support*
- *Road Safety*
- *Workplace Safety (OH&S)*
- *Collision & Accident Reconstruction*

Dr Rechnitzer is one of the most experienced and highly regarded Forensic and Safety Engineers in Australia, and for over 30 years has provided litigation support and high quality expert reports for major jurisdictions in Australia for many hundreds of cases relating to fatal and injury incidents in vehicle related collision of all types, and in the workplace. His forensic expert specialisation includes a focus on accident investigation, collision analysis and reconstruction and expert reports, involving all type of mobile vehicles and equipment, including, passenger vehicles, heavy vehicles, SUVs, motorcycles, pedestrian involved collisions, bicyclists, trams and trains.

Dr Rechnitzer has received a 5-year appointment commencing 1 December 2018 at the Victorian Institute of Forensic Medicine (VIFM), as **Adjunct Associate Professor in Forensic Engineering**, Monash University Department of Forensic Medicine, hosted by the Victorian Institute of Forensic Medicine (<http://www.vifm.org/>)

Dr Rechnitzer is also an **Adjunct Associate Professor in the Transport and Road Safety Research Centre (TARS)**, Faculty of Science, University of NSW (since 2012). Dr Rechnitzer was the Project Manager for the Quad Bike Performance project, from its start in 2012 to completion in early 2015. This major safety project was funded by WorkCover NSW, and led by Professor Grzebieta from TARS (http://www.tars.unsw.edu.au/research/Current/Quad-Bike_Safety/Performance_Project.html)

Dr Rechnitzer has published extensively with more than 150 publications, including contributing chapters in books relating to traffic accidents, accident investigation and reconstruction, road and vehicle safety, and OH&S. He has made presentations at over 80 conferences and seminars, both nationally and internationally.

Dr Rechnitzer is also a co-author since 1996 of the chapter and updates '**Traffic Accidents Investigation Analysis and Reconstruction**' (2013), in the '**Expert Evidence**' series Edited by Ian Freckelton QC. and Professor Hugh Selby (published by Thomson Reuters, NSW, Australia). <https://legal.thomsonreuters.com.au/expert-evidence-online/productdetail/34138>.

In May 2015 Dr Rechnitzer was a joint co-developer and lecturer with Professor Raphael Grzebieta and Dr Andrew McIntosh, for the NTSC-ATSB "**Advanced Road Safety Investigation Training Course**", Jakarta, Indonesia. This collision investigation and analysis course was organised through the Australian National Transport Safety Bureau (ATSB) in cooperation with and for the National Transportation Safety Committee of the Republic of Indonesia.

Road safety has been a long standing interest and passion of Dr Rechnitzer, and has carried out a number of major vehicle and road safety projects as a Senior Research Fellow at the Monash University Accident Research Centre (MUARC) from August 1990 to January 2003.

Through his consultancy GRA with expert colleagues, Dr Rechnitzer has undertaken major review projects of fleet safety and management systems, ranging from light to heavy vehicles for PBM Mining (Laos, 2013 & 2017-18), BHP Billiton (Chile, 2015), Cargill (Indonesia, 2015-16), and Hancock Natural Resource Group (logging in Australia and NZ, 2017-18).

Dr Rechnitzer has been active in research and development, and in legal cases, over many years and has also carried out major OH&S projects. While at Monash University Accident Research Centre (MUARC) as part of the OHS Research Group, Dr Rechnitzer's major projects have included transport vehicle safety, forklift through to agricultural and construction industry safety. He was part of a three-year project for VWA looking at safety in the construction industry. He has also provided litigation support in many OH&S matters involving heavy vehicles, forklifts, train collisions, mobile equipment, cranes, and system of work, conducting investigations and expert reports for Coronial Inquests and WorkCover, Victoria and NSW.

He has carried out in-depth investigations for the State Coroner of Victoria, as well as consultancies on vehicle safety-related projects for BHP, Australia Post, SECV and the Australian Industrial Relations Commission. He has also carried out major projects for Victoria Police, Australian Defence Department, VicRoads, Federal Office of Road Safety, Telstra, Victorian WorkCover Authority, and Australia Post, amongst many others. Projects have included vehicle, heavy vehicle and forklift safety; vehicle rollover; and transport and construction industry safety.

He graduated in 1971 from Monash University with a Bachelor of Engineering (Civil, Hons), received a Master Engineering Science degree from Melbourne University in 1979, and obtained his Doctor of Philosophy (heavy vehicle safety) from Monash University in 2003. He has attended specialist courses relating to Injury Research and Prevention, Crash Analysis and Reconstruction, Biomechanics of Impact Injury. In 2004, he was awarded the 2003 Warren Medal by the Institution of Engineers Australia as co-author of the papers "Crashworthiness Systems - A Paradigm Shift in Road Safety Design", Parts I and II.

In 2012, Dr Rechnitzer had a fractional appointment as Associate Professor, Course Co-Ordinator – Road Accident Investigation Courses, School of Health & Human Services Faculty of Sciences, Engineering & Health, CQUniversity, Rockhampton, Queensland. He completed lecturing activities for this course in April 2013. The two new courses started in 2012 at CQU on Accident Forensics (undergraduate degree) and Accident Investigation – (Specialisation) Master's Degree.

From 2002 to April 2011, Dr Rechnitzer was a founding member and Director of Delta-V Experts, a leading forensic and safety engineering consultancy, which received the Society of Automotive Engineers Bronze Award in 2008 for their Rollover Protective Systems for light vehicles. He also provided expert consulting services on vehicle rollover cases to Xprts LLC, in the USA from 2004 to 2008.

Prior to joining MUARC in 1990, Dr Rechnitzer's experience included more than 20 years as a structural design engineer with major consulting engineering groups, working on large engineering projects involving the investigation, analysis, design and construction of a variety of structures and facilities.

Dr Rechnitzer is a Fellow of the Safety Institute of Australia (SIA). He has been active in the SIA for several years and chaired its National Technical Panel from 2009 to 2011; and was a member of the Victorian Transport Association's On Road Operators' Group until 2012. He has been on the Editorial Board of the Journal of Health & Safety, Research & Practice, SIA since 2010. Dr Rechnitzer is a member of the Institution of Engineers Australia, and the Society of Automotive Engineers.

Detailed Curriculum Vitae of Dr George Rechnitzer

Academic Qualifications

Monash University (Melbourne)

- Bachelor of Engineering, Civil (Hons), 1971.
- Doctor of Philosophy [PhD], Engineering, Heavy vehicle safety; 2003.

University Of Melbourne

- Master of Engineering Science, 1979, by thesis.

Other Training Courses and Workshop-seminars attended

- **“Apply the Science of Safety with Usability Mapping Online Workshop: Industrial Safety & User Documentation”** “Usability Mapping – UX Engineering User Documents, 4-day on-line course 14-17 July 2020; by Dr Klaus Hoffer, CAT-I International. Arranged by the Australian Health and Safety Institute (AIHS). *“This workshop is about engineering usability into enabling documents such as procedures, standards, guidelines and technical manuals. It applies to any document that is developed for the purpose of driving or guiding a behaviour. All content is purely based on the sciences of human cognition, learning and behaviour patterns as well as psycholinguistics...”*.
- **Forensic Tyre Examination Course**, 11 to 12 July 2019, Penrith, NSW. Presented by T.J Tennent, ‘The Tyre Guy’; Nashville TN, USA. Organised by ASPACI.
- **Crash Data Retrieval (C DR) Update Course**, 8 to 10 July 2019, Penrith, NSW. Presented by Brad Muir (Ontario, Canada) and Jon Northrup (Webster, USA) of Crash Data Specialists. Organised by ASPACI.
- **Human Factors in Traffic Crashes, including the I.DRR Software** (PRT Software), presented by Jeffrey Muttart Ph.D; November 28 to December 2, 2016 (5days). Melbourne Victoria. Organised by ASPACI.
- **Bosch Vehicle Crash Data Retrieval (CDR) Operators Course** - Melbourne Victoria 27 Nov 2016. Organised by ASPACI.
- **“Body Engineering - Workshop 1”**; SAE-A Vehicle Technology Engineering Workshop Series; At Latrobe University, Bundoora, VIC, 1 April 2016.
- **“Safety in Design- What the Victorian WH&S Legislation Requires of Engineers”** course; 10 November 2015; presented by John Giles of Appleseed Engineering, at Engineering Education Australia, Melbourne.
- Value Engineering Technique; Time Management; Supervision; Negotiation; Leadership and Management; Goal Setting; Total Quality Management.
- Technical Accident Reconstruction Course, SAE, (Melbourne, September 1999).
- Biomechanics of Injury and Vehicle Crashworthiness Short Course, Module 1 - Anatomy and Biomechanics (Monash University, February 1998).
- Crash Analysis and Reconstruction (NSW).
- Biomechanics of Impact Injury, Unisearch (University of NSW, 1997).
- Injury Research and Prevention Short Course (Monash University, 1992).

Awards

- **Australasian Injury Prevention Network 2019 Award for Achievement in Practice in Injury Prevention and Safety Promotion: Quad Bike Performance Project research team at TARS UNSW** (Grzebieta. R., **Rechnitzer G.**, Simmons K. and McIntosh A.). Presented at the 14th Australasian Injury Prevention and Safety Promotion Conference, 25-27 November 2019, Brisbane <https://aipn.com.au/congratulations-2019-aipn-awards-winners/>
- Society of Automotive Engineers Bronze Award at the SAE's 2008 National Engineering Excellence Awards, for their Rollover Protective Systems for light vehicles. Received by Delta-V Experts, at the time the author was a founding partner.
- Awarded the 2003 Warren Medal by the Institution of Engineers Australia, as co-author of the papers *Crashworthiness Systems – A Paradigm Shift in Road Safety Design*, Parts 1 and 11.
- Joint winner of Best Paper Prize for the 1989 VICROADS Road Safety Competition *Innovations and Initiatives to Reduce the Road Toll*. This paper was titled *Illusions of Safety* and examined vehicle crash worthiness issues.
- Awarded the BBR Prize for Pre-stressed Concrete Design. (1971, Monash University).
- Australian Institute for Steel Construction Prize for Steel Design. (1971, Monash University).

Professional Affiliations

- Member Institution of Engineers, Australia (CPEng).
- Member Society of Automotive Engineers, Australia.
- Fellow, Safety Institute of Australia.
- Member ASPACI: Australasian and South Pacific Association of Collision Investigators.

Professional Activities

- Current [2020 -on going] research and development project with, VIFM project team, Crashlab and other key contributors, **on improving vehicle seatbelt restraint system design for pregnant women to reduce fetus injury risk in vehicle crashes.**
- One-day Workshop Presentation to Thai delegation "**Collision Reconstruction**", Presenter Dr George Rechnitzer, at Day 3 of the Crash Investigation & Reconstruction Workshop, Safe System Solutions, 14 August 2019.
- *Forensic Incident – Accident Investigation and Reconstruction*- 2 day course; 13-14 May 2019, Novotel Sydney Central. Presenters: Professor Raphael Grzebieta, Ms Tia Gaffney and Dr George Rechnitzer. Marcus Evans Professional Training.
- Member of the Quad Bike Safety Technical Reference Group (TRG) 2017-2018. This group advised the Quad Bike Safety Inter-Departmental Committee (IDC) for improving quad bike safety.
- Associate PhD supervisor (with Prof. R Grzebieta) of David Hicks PhD, *Investigation of Quad Bike Rollovers in the Workplace Farm Environment*, School of Aviation, Faculty of Science, UNSW, March 2018.
- Attended the Human Factors in Traffic Crashes, including the I.DRR Software (PRT Software), presented by Jeffrey Muttart Ph.D; November 28 to December 2, 2016 (5days). Melbourne Victoria. Organised by ASPACI.
- Attended the Bosch Vehicle Crash Data Retrieval (CDR) Operators Course - Melbourne Victoria 27 Nov 2016. Organised by ASPACI.
- Australasian 2016 Australasian Road Safety Conference, Canberra, Australia; a Conference Editor, and a Peer Reviewer for submitted Conference abstracts and papers.
- Completed "*Body Engineering - Workshop 1*"; SAE-A Vehicle Technology Engineering Workshop Series; At Latrobe University, Bundoora, VIC, 1 April 2016.

- Completed the “*Safety in Design- What the Victorian WH&S Legislation Requires of Engineers*” course; 10 November 2015; presented by John Giles of Appleseed Engineering, at Engineering Education Australia, Melbourne.
- Provision of Expert Evidence at the NSW State Coroner Inquest on Quad bike Fatalities, July 20-21 2015, Coroners Court, Glebe, NSW.
- NTSC-ATSB Advanced Road Safety Investigation Training Course, Jakarta, Indonesia 25-29 May 2015. Co-developer and presenter of the training course with Professor Raphael Grzebieta and Dr Andrew McIntosh, through the Transport And Road Safety Research (TARS) Unit at the University of NSW. Organised through the Australian National Transport Safety Bureau (ATSB) in cooperation with and for the National Transportation Safety Committee of the Republic of Indonesia.
- Dr Rechnitzer is Project Manager for the Quad Bike Performance project at TARS, which is a major \$1.3m safety project funded by WorkCover NSW, and led by Professor Grzebieta from TARS. 2012, 2013-2015.
- Associate PhD supervisor for David Hick’s PhD Quad Bike Safety, University of NSW, TARS, 2014 /2015.
- Member of Australian Standards Committee ME-51-00-06 Concession Go-Karts from 2012 on. This was for the development of the standard **AS 3533.4.4 Amusement rides and devices Specific requirements - Hire go-karts.**
- From 10-18 May 2014, in Sweden, with Professor Grzebieta, presented by invitation to the Swedish Roads and Traffic Administration specialist seminar on the QUAD Bike Project in Australia.
- From 5-6 November 2013, participated in the Road Side Departure and Barrier workshop in Adelaide.
- From 28-30 September 2013, attended and presented at the Road Safety Research, Policing and Education Conference, Brisbane.
- Editorial Board of the Journal of Health & Safety, Research & Practice, Safety Institute of Australia (SIA), from 2010. (<http://www.sia.org.au/journals/Default.aspx?about=journal-about>)
- Editorial Board of Journal of the Australasian College of Road Safety, Peer Review Papers, from 2005. (<http://acrs.org.au/publications/journals/>)
- Member of the Victorian Transport Associations’ On Road Operators’ Group till 2012.
- Chair of the National Technical Panel, SIA, from 2009 to 2011.
- Australian Research Council– Pedal and Motor Cycle Helmet Performance Study, 2007-09. Principal Investigator with the research team at UNSW led by Professor Andrew McIntosh.
- PhD Awarded in 2003: The Improvement of Heavy Vehicle Design to Reduce Injury Risk in Crashes with Other Road Users.
- Associate PhD supervisor for David Young’s PhD *Vehicle Rollover Safety*, Monash University Department of Civil Engineering, 2006.
- Honorary Associate in the Department of Civil Engineering, Monash University, 2003-2006.
- Provision of expert evidence to the Waterfall Special Commission of Inquiry into the Waterfall train crash, 2003.
- Associate PhD supervisor for Shauna Sherker’s PhD *Arm Fractures For Children In Playgrounds*, Monash University Accident Research Centre, 2000-2003.
- Lecture on Preventative Strategies and Countermeasures to Injury: Workplace Injury Prevention. Master Public Health Course - Injury Epidemiology and Prevention; Monash University Accident Research Centre, 10 July 2003, Melbourne.
- Member Organising Committee for the 2002 International Crashworthiness Conference ICRASH2002, Melbourne, February 2002.
- Program Organiser for the SAE (USA) TOPTEC conferences on:
 - Military & Emergency Vehicle Safety, Tempe, Arizona, 11-12 Sept 2001.

- Military Vehicles Safety, San Francisco, 10-11 June 1999.
- An Invited Keynote speaker at the Injury Prevention 2001 Conference (Fifth National Conference on Injury Prevention and Control & Fourth National Farm Injury Conference), Warrnambool, 25th–28th September 2001.
- Member of the Transport Industry Safety Group. A group concerned with improving heavy vehicle safety in Victoria, includes representatives from the transport industry, transport union, government authorities and Police, 1998 to 2001.
- Member of judging panel for the SAE Young Engineers Conference (Australia) for best research paper award, 1998, 1999, 2000.
- Member of judging panel for the SAE Automotive Engineering Excellence Awards (Australia), 2000, 2003.
- Member of the Organising Committee for the 2000 Safety in Action Conference (Safety Institute of Australia), and Program Organiser for the Transport stream.
- Contributing writer & Vehicle Safety Expert, to *Which Car* motoring magazine, for safety reviews of new vehicles; and member of judging panel for *Which Car's* annual Safety Merit Award (1997-2000).

Professional Experience

1989 to present and ongoing: Principal Engineer, Director, George Rechnitzer & Associates Pty Ltd; consulting Forensic and Safety Engineering. Investigations and expert reports prepared for hundreds of cases relating to vehicle, workplace and other incidents. This work typically relates to accident reconstruction related, or injury/product related analysis. Expert evidence presented in Courts from Supreme to County Court in Australia.

From 1 December 2018 appointment as Adjunct Associate Professor, at the Victorian Institute of Forensic Medicine (VIFM), School of Public Health and Preventive Medicine, Faculty of Medicine, Nursing and Health Sciences, Monash University.

From April 2012 to present: Adjunct Associate Professor in the Transport and Road Safety Research (TARS), Faculty of Science, University of NSW. An Honorary position.

August 2012 to 2015: Project Manager for the Quad Bike Performance project at TARS, which is a major safety project funded by WorkCover NSW, and led by professor Grzebieta from TARS.

2012. Associate Professor, School of Health & Human Services Faculty of Sciences, Engineering & Health, CQUniversity, Rockhampton, Queensland (fractional appointment). Course Co-Ordinator - Road Accident Investigation Master's Degree.

From 2011 to August 2012: Principal Consultant, Forensic and Safety Engineering, Delta V Experts. Dr Rechnitzer has no further association with Delta V Experts.

2002 to 2011: DVExperts International Pty Ltd (DVE), Director, Founding member and Principal Engineer.

Dr Rechnitzer undertook business development and staff mentoring at DVE; and investigations, analysis and report preparation over nearly 10 years on many hundreds of cases (including plaintiff, defence and prosecutions) involving road crashes of all types, workplace serious and fatal injury incidents, safety and failure analysis. Clients include well known law firms through to smaller firms, as well as investigations and safety related work for clients ranging from Australia Post, Visy, BHP, Rio Tinto, Police, VicRoads, RTA, WorkCover and Comcare to name a few. George has provided Expert evidence in various cases in the District Court of NSW, and Melbourne County and Supreme court, amongst others.

2004-2008: Consultant to XprtsLLC, CA, USA

Xprts LLC is firm of expert engineers based in California dealing with automotive crash product liability cases in the USA, particularly vehicle rollover. The author provided expert reports, including depositions, in over 30 serious injury and fatal vehicle cases, in plaintiff actions against various automobile manufacturers.

July 1990 to January 2003: Senior Research Fellow, Monash University Accident Research Centre:

Safety Engineering/ Road Safety	Road Safety/ Collision & Reconstruction	Workplace Safety
2002 Evaluation of Safe Access Platforms for Tractors, part of research team.	1999-2000 Assessment of crash injury risk to vehicle occupants wearing night vision goggles, Department of Defence (with Prof. Tom Triggs).	2000-2001 Forklift Safety Project, Development of 'blue prints' for model facility incorporating logistics and traffic management and development of 'intelligent forklift', Victorian WorkCover authority.
2001-2002 Development of a Safety Rating System for Tractors, part of research team.	1999 The Effect of Vehicle Roadworthiness on Crash Incidence and Severity, Project manager and researcher, for the Victorian Automobile Chamber of Commerce and Industry (VACC).	1998-2001 Reducing Serious Injury Risk in the Construction Industry, 3 year project for VWA looking at safety in the Construction industry.
2000-2001 Safety of Police Vehicles, testing and analysis of vehicle handling and stability characteristics and development of performance criteria, Victoria Police.	1998 A review of Policies and Practices regarding the transport of dangerous goods through tunnels. Project Manger, 4-person team, for the Melbourne City Link Project.	1998 Evaluation of the Tractor Rollover Protective Structure Rebate Scheme, part of two person Research Team, for the Victorian WorkCover Authority.
1999-2000 Investigation of failures and safety assessment of tailgate loaders, Australia Post.	1998 Testing of Telstra VT Commodore for rear impact, Project manager and researcher; Project involved static and crash testing evaluation of Telstra service vehicle for rear impact.	1994-1997 Occupational Injury Prevention Program - Victorian WorkCover Authority. Identification of potential priority areas for the initiation of systematic activities by the Authority to reduce occupational trauma in Victoria; and the Ballarat regional pilot project for applied injury prevention activities.
1999-2000 Field trial evaluation of energy-absorbing rear underrun barriers. Federal Office of Road Safety.	1996-1997 Petrol Road Tanker Safety Project. Joint project with Dept. of Civil Engineering for the Australian Institute of Petroleum, examining changes to the design of petrol tankers to reduce the risk of petrol leakage and hence fires in the event of a rollover crash.	1997-1998 Improvements to the Victorian WorkCover Authorities Claims Information System. Aim is to enhance the VWA claims information system to enable its effective and efficient use in the VWA's injury prevention program.
1997-1998 Safe carriage of Personnel in General Services Vehicles. Project Manager and researcher. A comprehensive multi-disciplinary study: "...to identify and examine relevant issues and to make recommendations on future	1994-1997 Truck Safety Design. Project Manager. A project aimed at further developing improved design of the front and sides of heavy vehicles to reduce their harm potential in crashes with other road users.	1991-1992 Forklift trucks and Severe Injuries: Priorities for Prevention. Project manager. This research project examined the design and use of forklift trucks in industry, with the aim of identifying ways to reduce the incidence and severity of injuries

measures for the safe carriage of personnel in Australian Defence Force field vehicles”, for the Australian Defence Force.		associated with this type of equipment. Funded by the Occupational Health and Safety Commission of Victoria.
1997 Examination, Testing and Analysis of Fall Arrest Device , follows failure of the inertia reel fall protection device and consequent fatality; for the Victorian WorkCover Authority.	1992-1994 Investigation of Passenger Vehicle Rollover Crashes. Project manager and principal researcher. Sponsored by VicRoads. Investigating correlation between vehicle design factors and the nature and severity of occupant injuries.	
1994-1997 Development and Testing of Energy Absorbing Rear Underrun Barriers. Project Manager; sponsored by the Federal Office of Road Safety, and in co-operation with VicRoads and the Civil Engineering Department at Monash University.	1990-1993 Truck Involved Crash Study. Project manager and principal researcher. Sponsored by VicRoads. Involved in-depth investigation of crashes between trucks and cars, pedestrians, cyclists and motorbikes; looking at changes to truck design to reduce their harm potential in crashes; included the development and static and dynamic crash testing of effective under run barriers on trucks	
	1991-1992 Analysis of the 1988 Fatal File-Description of Fatal Crashes involving various Causal Variables. Project Manager. This project is for the Federal Office of Road Safety, and includes the detailed analysis of the 1988 database of Australia wide road fatalities, and the review of some 200 case studies to develop typical crash type scenarios.	

1979 to 1989: Senior Design Engineer, Power Department, with the State Electricity Commission of Victoria, Involved in a diverse range of engineering activities related to the planning, design, construction and quality assurance on major structures and civil works for the Loy Yang Power Station project.

1971 to 1979: Design Engineer with the John Connell Group of Consulting Engineers. Responsibilities included analysis, design and documentation of a large variety of structures, including steel, timber and concrete. Structures varied from steel-framed factories, to multi story buildings, bridges, and tunnels and stations for the Melbourne Underground rail loop project. Extensive involvement in the computer modelling and analysis of structures.

PRESENTATIONS & SEMINARS

1. Raphael Grzebieta and George Rechnitzer [2022]; **Hydroplaning: preparing today for tomorrow's downpours**; presented by Prof Grzebieta at the 2022 Australasian Road Safety Conference 28-30 Sept. Christchurch, NZ.
2. **Raphael Grzebieta**, Tia Gaffney & George Rechnitzer [2022]; **Vehicle rollover crashworthiness Australian Design Rule – it's time!**; presented by Prof Grzebieta at the 2022 Australasian Road Safety Conference 28-30 Sept. Christchurch, NZ.
3. Raphael Grzebieta, Tia Gaffney & George Rechnitzer [2022]; **Occupational Safety and Health (OSH) in an Industrial Transport Operations Setting (How not to wind up in jail for industrial manslaughter!)**; presented by Prof Grzebieta at the 5th European Conference on Industrial Engineering and Operations Management in Rome, Italy, July 26-28 2022.
4. Raphael Grzebieta, George Rechnitzer et al [2022]; **Quad Bike Performance Project and CPD Consumer Protection Law**; presented by Prof Grzebieta at the Agricultural ATV Safety Symposium, June 28, 2022, USA [webinar].
5. George Rechnitzer, Raphael Grzebieta & Tia Gaffney [2020]; **Current vehicle restraint systems are not designed for safety of Pregnant women and their fetus**; Proceedings of the 2020 Australasian Road Safety Conference 16th – 18th September, Melbourne, Australia.
6. Rechnitzer G; Dec 10 2020; **The 'Baby Killer' Case – A Miscarriage Of Justice**; presented at the FESA **WEBINAR SERIES**; Forensic Engineering Society Australia [FESA], Melb.Vic.
7. **Rechnitzer G**, Grzebieta R, and Gaffney T (Nov 2019). **Getting Serious About on-Road Bicycle use and safety**. Presented at the AIPN 2019 Australasian Injury Prevention and Safety Promotion Conference, Brisbane, Australia. 25-27 Nov 2019.
8. Grzebieta R, **Rechnitzer G**, **In-Field Operator Protective Device (OPD) Safety Survey of Australian and New Zealand Workplace Quad Bike Riders**, Presented at the AIPN 2019 Australasian Injury Prevention and Safety Promotion Conference, Brisbane, Australia. 25-27 Nov 2019.
9. **Expert Evidence: Good, Bad and Ugly** (14 Nov 2019), presentation at the VIFM 2019 SEMINAR SERIES, Melbourne.
10. On-day Workshop Presentation to Thai delegation "**Collision Reconstruction**", Presenter Dr George Rechnitzer, at Day 3 of the Crash Investigation & Reconstruction Workshop, Safe System Solutions, 14 August 2019.
11. **Forensic Incident – Accident Investigation and Reconstruction** - 2 day course; 13-14 May 2019, Novotel Sydney Central. Presenters: Professor Raphael Grzebieta, Ms Ta Gaffney and Dr George Rechnitzer. Marcus Evans Professional Training.
12. Gaffney T., **Rechnitzer G**. and Grzebieta R., (2018). **How to Get Better Expert Evidence**, Presented at the Australian Lawyers Alliance National Conference, Melbourne, 2018.
13. **Quad Bike Safety Rating System – ATVAP (Australian Terrain Vehicle Assessment Program)**, Presented at the Quad Bike Safety Inter-Departmental Committee (IDC) Stakeholder Roundtable Forum, Novotel Hotel, Canberra, ACT, 5 April 2018.
14. **Replacement Windscreens – a serious vehicle and road safety issue**. Presented at the 2016 Australasian Road Safety Conference 6 – 8 September 2016, Canberra, Australia.
15. **Quad Bike Performance Project – Static Stability Testing, Results and Ratings**, Presented at the 12th Australasian Injury Prevention and Safety Promotion Conference, Sydney University, 27 November 2015.
16. **Proposed Changes to the Requirements For Direct Glazing Adhesive Sealant Systems, Under AS4739-2002**; invited presentation to the Presentation to the Australian AutoGlass Industry Alliance (AAIA) Annual General Meeting, on Saturday 7 November 2015, Holiday Inn – Sydney Airport.

17. **Interface Analysis and Design: Improving Heavy Vehicle Road Safety Barrier Design**; presented by Rechnitzer G and Grzebieta R; at the Road Safety Research, Policing and Education Conference 2013, 28-30 August 2013, Brisbane Convention Centre, QLD, Australia.
18. From **'Billy Cart' Crashes to Truck Crashes**, presented at the Victorian Waste Management Association, Breakfast Seminar at The RACV Club, Melbourne, 8th August 2012.
19. **Engineering Safer Road Systems**, presented at Road Safety 2011, 8-9 March 2011, Park Royal Darling Harbour, Sydney, Lloyd's List DCN Events.
20. **Benefits and Cost of Incident and Accident Investigations**, presented at Incident & Accident Investigation seminar, Hilton on the Park, Wellington Parade, Melbourne, February 14 & 15 2011 MarcusEvans conferences.
21. **Incidence Response and Future Directions in Heavy Vehicle Safety**, presented at the TruckSafe Members' Forum held at 2010 ATA/ARTSA Technical & Maintenance Conference, Monday 15 November 2010, Silver Water Resort, San Remo, Phillip Island.
22. **VicRoads & Innovation: The Path To The Future Of Road Safety**, on panel at Breakfast Forum, Australian Engineering Week, Monday 2 August 2010, Zinc Federation Square, Melbourne. Engineers Australia.
23. **Role of in-depth Investigations and Research in developing safer systems**, presented for the Course 'MPH2076 - Safety Management Systems', Monash University Department of Epidemiology and Preventative Medicine, Alfred Hospital. May 2010.
24. Rechnitzer G, Richardson S & Sander R., **Incident response and in-depth scientific and reliable incident investigations**, presented at the Zero Harm Target Conference, Rendezvous Hotel, Melbourne, November 16-17 2009, Marcus Evans Conferences.
25. **Forensic Accident Investigations – Lessons for Drivers**, presented at the Australian Driver Trainers Association Annual Conference, October 18, 2009, Melbourne.
26. **Challenges and future directions in heavy vehicle driver safety**; Presented at: Workshop: Heavy Vehicle Driver Safety in Victoria, Victorian Institute of Forensic Medicine, Melbourne, 20 May 2009.
27. Rechnitzer G. **Role of Engineering Design, Research, and In-depth Investigations in Safety Management Systems**, presented for the Course 'MPH2076 - Safety Management Systems', Monash University Department of Epidemiology and Preventative Medicine, Alfred Hospital. April 20th 2009.
28. Rechnitzer, G. **In-Depth Investigations of Major Incidents- Learning to Prevent Future Tragedies**, Safety In Action Conference 2009, Melbourne Convention Centre, Safety Institute of Australia. March 30-April 2, 2009.
29. Rechnitzer G, Orton T, Shifman M & Richardson S, **Pedestrian Safety – A Challenging Task**, 2nd Local Road Safety & Traffic Engineering Conference 2008; Gold Coast International Hotel, Gold Coast, Queensland. 26-27 August 2008.
30. Rechnitzer G, Shifman M & Richardson S, **Litigation and Investigation Issues, a Forensic Engineering Viewpoint**, 2nd Local Road Safety & Traffic Engineering Conference 2008, Gold Coast International Hotel, Gold Coast, Queensland. 26-27 August 2008.
31. Richardson S, Rechnitzer G, Orton T, Shifman M, Zou R & Crocker S; **Design and testing of effective Rollover Protective Structures for Light Vehicles**, ICRASH2008. International Crashworthiness Conference, Kyoto Japan, July 22-25, 2008.
32. Rechnitzer G, **Engineering Design- The Core Element of System Safety**; Queensland Safety Conference 2007, Brisbane Convention And Exhibition Centre, Safety Institute of Australia. Tuesday 19 – Thurs 21 June 2007.
33. Rechnitzer G, Richardson S, Orton T, Shifman M, Short A & Smith R; **Systematic Causes Of Transport And Impact Trauma And Countermeasures**; Safety In Action Conference 2007, Melbourne Convention Centre, Safety Institute of Australia. 20-22 March 2007.

34. Rechnitzer G & Wigglesworth E; ***Innovations In Rail Injury Prevention At Railroad Level Crossings***; Presented at Safety In Action 2004, Melbourne Exhibition Centre, 30th March 2004- 1 April 2004. Safety Institute of Australia.
35. Rechnitzer G, Richardson S, ***Preventative Strategies and Countermeasures to Injury: Workplace Injury Prevention***. Presented at the Master Public Health Course 2056: Injury Epidemiology and Prevention Course 2003, Monash University Accident Research Centre, Melbourne, Australia. 10 July 2003.
36. Rechnitzer G, ***Specifying Safety Performance Systems In Vehicle Procurement***, Proceedings ICrash2002 International Crashworthiness Conference, 25-27 February 2002, Melbourne, Australia.
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60. **Use of Glass Fibre Reinforced Composite Tubes for Energy Absorption in Vehicle Crashes**, presented at the 29th ISATA Conference; 3-6 June 1996, Florence, Italy.
61. **How Does Our Environment Cause Injury and What Can Be Done?** Joint presentation with Dr Joan Ozanne-Smith to Master of Public Health (MPH) students; 30 May 1996, at Deakin University. Monash University, Melbourne.
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63. **Development and Testing of Energy Absorbing Rear Underrun Barriers for Heavy Vehicles**, presented at the 15th International Technical Conference on the Enhanced Safety of Vehicles Conference, 13-16 May; World Congress Centre. Melbourne.
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81. **Improving the Safety of Heavy Vehicles**, presented at the seminar sponsored by RACV and Institute of Engineers Road Safety Sub Committee and The Transport Branch, Melbourne, 20 October 1993.
82. **Improving the Design of Heavy Vehicles To Reduce the Injury Risk to Other Road Users in Crashes**, 18th Australasian Transport Research Forum, Gold Coast Queensland; September 1993.
83. **Injury is no Accident**, presentation to Victoria Police State Forensic Science Laboratory seminar, Melbourne, 4 June 1992.
84. **Motor Vehicle Occupant protection Investigations**, presented at Weekend Seminar "Accident Prone - Product and Occupational Safety Investigations: New Frontiers of Forensic Science", Australian & New Zealand Forensic Science Society. Ballarat, 7-8 September 1991.
85. **Private Accident Investigations**, presented at Accident Investigation and Prevention Course, VICROADS Road Safety Division. Melbourne, 2-5 September 1991.
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