



2025 AOA QLD TRIFECTA EVENT Provisional Program

4 & 5 April 2025 | Queensland University of Technology, Brisbane

aoa.org.au/events



Welcome

The Australian Orthopaedic Association (AOA) is the peak professional body for orthopaedic surgeons in Australia.

AOA provides high-quality specialist education, training and continuing professional development.

AOA is committed to ensuring the highest possible standard of orthopaedic care and is the leading authority in the provision of orthopaedic information to the community.

AOA actively supports scientific research and orthopaedic humanitarian initiatives in Australia and overseas.



We are excited to welcome you to the 2025 AOA QLD Trifecta Event to be held at QUT in Brisbane, QLD.

Date 4 & 5 April 2025
Venue Queensland University of Technology (QUT), Brisbane

The 2025 trifecta event program will feature:

- ◆ **QDOG PHO Development Day** (Friday morning) - an event packed with workforce and career insights, clinical pearls, doctor wellbeing and research highlights
- ◆ **AOA Registrar Papers Day** (Friday afternoon)– quality research papers from selected abstracts followed by...
- ◆ a captivating **social networking event** with a special presentation from **Orthopaedic Outreach Director, Paul Pincus**
- ◆ **QORF Collaborative MSK Research Meeting** (Saturday morning)
Theme: **'The future of MSK trauma research'** with sessions highlighting MSK Injuries and Rehabilitation, Technology in Trauma Care, and Trauma Prevalence and Prevention, including selected presentations from across the MSK research community in Queensland.

We look forward to seeing you all there!

QORFCC Co-convenors: Ross Crawford and Nadine Forster
QDOG PHO Development Session Convenor: David Bade
AOA Registrar Papers Session Convenor: Michael Lutz



Friday 4 April 2025

QLD PHO Development & AOA Registrar Papers Day

QUT OJW Rooms

QLD PHO DEVELOPMENT

8.00am -1.30pm

8.00am Registration, tea and coffee

8.30am QDOG Welcome

8.35am AOA selection update

8.55am Alternate career pathway - Radiology

9.15am Clinical session - NOF Pearls

9.35am PHO survey results

9.45am QDOG/QSSCN - PHO Workforce future directions

Vivek Shridhar

Rohan Brunello

Rachele Quested

Joe Stevens

Will Talbot and David Bade

Vivek Shridhar and

Mike Thomas

10.00am Morning Tea

10.30am Selection interview preparation and approach

10.50am PHO wellbeing and positive mindset

11.10am Alternate career pathway - GP

11.30am Clinical session - Trauma How to stay out and get out of trouble

11.50am Q&A / open mic discussion

Brooke Bullock

David Bade and Nicky Hackett

Josh Hatch (TBC)

Marcus Simonian and Paula

Jeffries

David Bade

12.30pm Lunch

1.00pm Practical PHO research

1.40pm Wealth Wellness for Doctors

Chris Carty

Walshs

REGISTRAR FREE PAPER PRESENTATIONS

2.00pm - 6.00pm

WELCOME COCKTAIL FUNCTION (including keynote presentation)

6.30pm - 8.30pm



Friday Welcome Cocktail Function

Keynote presentation

Paul Pincus

We are delighted to welcome skipper Paul Pincus who will share his story behind Solace, the first time both skipper and yacht competed in the race to Hobart. Sailing to support the humanitarian efforts of Orthopaedic Outreach, Paul and his fellow AOA crewmates John Tuffley and Bill Donnelly raised roughly \$3000 for Outreach!

The crew arrived safely in Hobart on Sunday 29 December with an impressive time of three days, 21 hours, and 16 minutes (just inside the four-day prediction!), placing 44th in Line Honours.

This promises to be a fantastic evening of adventure on the high seas with Paul, places are limited so be sure you are registered to secure your spot.



Saturday 5 April 2025

QORF Collaborative MSK Meeting “The future of musculoskeletal trauma research”
QUT OJW Rooms

7:30am	Registration open	
7:55am	Welcome - Acknowledgement of Country	
MSK Injuries and Rehabilitation		
8:00am	KEYNOTE: Compensable musculoskeletal injury and rehabilitation	Michele Sterling
8:20am	Selected abstract presentations	
Queensland Orthopaedic Rresearch Fund		
9.11am	Strengthening MSK Research: QLD MSK Network & 2025 QORF Grant Support	Peter Steadman
QORF grant recipient presentations		
9.18am	RIOT: Recycling in Orthopaedic Theatres	Susie Lee
9.22am	Reconstruction: A Neuromusculoskeletal - Finite Element Modeling Approach for Surgical Optimization	Ayda Karimi Dastgerdi
9.26am	Comparison of intramedullary screw fixation verses dorsal plating for displaced extra-articular metacarpal fractures: A randomised control trial	Luke McCarron
9.30am	Patient perception of modifiable risk factors prior to undergoing arthroplasty in Queensland	Parvati Dadwal
9.34am	Investigating Shoulder Pathology and Biceps Activity in an Older Population	Brendan Diplock
9.38am	Biochemical analysis of CoCr in Patients who have undergone a Hinged Total Knee Replacement with a Metal-on-Metal component	Robert Dewar
Technology in Trauma Care		
9.42am	KEYNOTE: Non-invasive multimodal rehabilitation for recovery of sensorimotor function after spinal cord injury	Claudio Pizzolato
10.02am	EPIC-Tech: Engineers and Physiotherapists Interdisciplinary Collaboration with Technology	Alejandro Melendez-Calderon
10.12am	Morning tea and e-posters	



Saturday 5 April 2025

QORF Collaborative MSK Meeting “The future of musculoskeletal trauma research”
QUT OJW Rooms

10.44am	KEYNOTE: Anatomy in Motion - 4DMR	Greg Couzens
10.54am	Australian Cobotics Centre (title TBC)	Alan Burden
Trauma Prevalence and Prevention		
11.23am	KEYNOTE: Trauma prevalence, patterns and prevention: Insights and opportunities	Kirsten Vallmuur
11.43am	Infection control after trauma (title TBC)	Andrej Trampuz
11.53pm	Automated Vehicles in Injury Prevention	Ronald Schroeter
12.03pm	Selected abstract presentations	
12.39pm	Closing address	
12.44pm	Lunch and e-posters	
13.44pm	Event end	

Thank you to the 2025 Trifecta Event convenors:
Ross Crawford, QORFCC Chair
Professor Nadine Foster, Queensland Health Representative

Convening committee: QORF Board Chair Peter Steadman, QUT Representative Saulo Martelli, Griffith University Representative Christopher Carty, AOA QLD Scientific Secretary Michael Lutz, AOA QLD Registrar Representative Thomas Crookes, QORF Board Director Philip Dalton, QORF Board Director Greg Couzens, QDOG Representative David Bade.



Keynote Speakers



Michele Sterling is Professor in the RECOVER Injury Centre and Director of the NHMRC Centre of Research Excellence: Better Health Outcomes for Compensable Injury, The University of Queensland, Australia. She is a NHMRC Leadership (L2) Fellow and a Fellow of the Australian College of Physiotherapists. Michele's research focusses on the mechanisms underlying the development of chronic pain injury, predictive algorithms for outcomes and developing effective interventions for musculoskeletal injury and pain. She has over 300 peer-reviewed publications in this area and received >\$40M in funding from the NHMRC, MRFF and industry partners. Michele is a Section Editor of Pain, was chair of the Scientific Program Committee for the World Congress on Pain in Amsterdam, 2024, and sits on the Executive Committee as Secretary of the International Association for the Study of Pain.



Claudio Pizzolato is a research leader within the Australian Centre of Precision Health and Technology (PRECISE), and an Associate Professor in the School of Health Science and Social Work, Griffith University. Claudio's research focuses on developing simulation of the human nervous, muscular, and skeletal systems and their interaction, with applications to neuro and musculoskeletal rehabilitation.

Keynote Speakers



Greg Couzens is an accomplished orthopaedic surgeon, researcher, and educator, with extensive expertise in hand and upper limb surgery. He holds a medical degree from the University of Queensland, an Orthopaedic Fellowship from the Royal Australian College of Surgeons, and a PhD in wrist biomechanics, awarded by the Queensland University of Technology (QUT). In his clinical practice, Professor Couzens has been based at the Brisbane Hand and Upper Limb Clinic for over 25 years, where he works alongside a team of specialists. Additionally, he holds a teaching and supervisory role at the Princess Alexandra Hospital, contributing to the education of medical professionals and the next generation of surgeons. A passionate researcher, Professor Couzens is an Adjunct Professor at QUT, where his current research focuses on the biomechanics of falls, particularly those that result in wrist injuries. He is also a co-director of the Brisbane Hand and Upper Limb Research Institute, an organization dedicated to conducting clinical studies in collaboration with his colleagues in the clinic. Professor Couzens is the co-founder of a leading medical device company that supplies innovative solutions to healthcare providers both in Australia and internationally.



Kirsten Vallmuur is the Chair of Trauma Surveillance and Data Analytics (funded by the Motor Accident Insurance Commission) in a joint position between the Australian Centre for Health Services Innovation (www.aushsi.org.au) and the Jamieson Trauma Institute (<https://metronorth.health.qld.gov.au/jamieson-trauma-institute>). She leads the Jamieson Trauma Institute's Trauma Data Quality and Analytics team. She has expertise in the analysis and understanding of morbidity and mortality data, injury surveillance systems, trauma data linkage, health classifications and injury classifications.

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Registration cancellations must be made in writing to AOA Event Manager. Conference Registration cancellations received up to 14 days prior to the conference receive a full refund. No refund will be given for cancellations received within 14 days of the conference.

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