

## GEMPASS 2025 GRANTS SUMMARY

### STREAM 3: MAJOR EDUCATION RESEARCH COLLABORATION PROJECT GRANT (1)

#### Ensuring Readiness for Interprofessional Team-based Practice: A Participatory Research Approach

INVESTIGATORS			
	TITLE AND NAME	CURRENT ORGANISATION	RELEVANT ORGANISATION FOR THE APPLICATION
1	Dr Colin Cortie	University of Wollongong	University of Wollongong
2	A/Prof Matthew McGrail	University of Queensland	University of Queensland
3	Prof Judy Mullan	University of Wollongong	University of Wollongong
4	A/Prof Lyndal Parker-Newlyn	University of Wollongong	University of Wollongong
5	Prof Kylie Mansfield	University of Wollongong	University of Wollongong
6	Dr Jay Perry	University of Wollongong	University of Wollongong
7	Dr Nick Geraghty	University of Wollongong	University of Wollongong
8	Dr Tina Prodromou	University of Wollongong	University of Wollongong
9	Dr Rosaleigh Wilson	University of Wollongong	University of Wollongong
10	Dr Penny Allen	University of Tasmania	University of Tasmania
11	Prof Ruth Kearon	University of Tasmania	University of Tasmania
12	Prof Jan Radford	University of Tasmania	University of Tasmania
13	Prof Clement Loy	Macquarie University	Macquarie University
14	Dr Zelda Doyle	University of Notre Dame	University of Notre Dame
15	Prof Anna Ryan	University of Melbourne	University of Melbourne
16	Ms Sara McPhail	University of Melbourne	University of Melbourne
17	A/Prof Karen D'Souza	Deakin University	Deakin University
18	Dr Jessica Beattie	Deakin University	Deakin University
19	A/Prof Laura Gray	Deakin University	Deakin University
20	A/Prof Brett Scholtz	Australian National University	Australian National University
21	Dr Janet Bultitude	Australian National University	Australian National University
22	Prof Niru Nirthanan	Griffith University	Griffith University
23	Dr Bronwyn Peirce	University of Western Australia	University of Western Australia

This project aims to use evidence from the Medical Schools Outcomes Database (MSOD) to inform the selection policies and curriculum of Australian medical schools and thereby address medical workforce maldistribution.

The MSOD, which includes all Australian and New Zealand medical schools, is the largest longitudinal study of medical student outcomes in the world. The MSOD's longitudinal data was released in 2024. This project is significant as it will be the first to use the MSOD's full potential to provide insights into the factors that shape graduate career choices.

The expected outcomes of this work include 1) an MSOD research collaboration including all GEMPASS schools, 2) resources to make the MSOD data easier to use, 3) longitudinal and 4) predictive modelling of graduate choices (e.g. rural practice, GP as a specialty), 5) a pathway into plan, and 6) plans to expand the MSOD e.g. through linking to GEMPASS admission data.

## GEMPASS 2024 GRANTS SUMMARY

### STREAM 3: MAJOR EDUCATION RESEARCH COLLABORATION PROJECT GRANT (1)

#### Ensuring Readiness for Interprofessional Team-based Practice: A Participatory Research Approach

INVESTIGATORS			
	TITLE AND NAME	CURRENT ORGANISATION	RELEVANT ORGANISATION FOR THE APPLICATION
1	Prof Walter Eppich	University of Melbourne	University of Melbourne
2	Dr Louise Allen	University of Melbourne	University of Melbourne
3	Dr Christy Noble	University of Queensland	University of Queensland
4	Prof Stephen Billett	Griffith University	Griffith University
5	Adj A/Prof Megan O'Shannessy	Rural Medical Education Australia, Griffith University	Griffith University
6	Dr Charlotte Denniston	University of Melbourne	University of Melbourne
7	A/Prof Vivienne Mak	University of Melbourne	University of Melbourne
8	A/Prof Leonie Griffiths	University of Melbourne	University of Melbourne
9	Dr Lisa Gotley	University of Queensland	University of Queensland

This project aims to explore strategies to enhance medical student readiness for interprofessional team-based practice. Despite mandates like the Australian Medical Council's requirement for graduates "to learn and work collaboratively", medical graduates remain underprepared for interprofessional team-based healthcare. Research shows 70% of preventable adverse events in healthcare arise from teamwork and communication failures, not lack of knowledge, highlighting the importance of team-based practice for patient safety. Using a participatory approach and an interrelated set of studies, we will seek to generate strategies to prepare students for interprofessional practice and to recognise and engage with interprofessional learning opportunities in clinical workplaces. We will collaborate with GEMPASS member schools and disseminate key learnings throughout the life of the project.