

## GEMPASS 2025 GRANTS SUMMARY

---

### STREAM 2: PROFESSIONAL DEVELOPMENT INITIATIVE GRANT (2)

#### 1) Harnessing AI and technology for equitable and ethical medical education

INVESTIGATORS		
	TITLE AND NAME	ORGANISATION
1	A/Prof Janani Mahadeva	Macquarie University
2	Prof Veronica Preda	Macquarie University
3	Dr Christine Chiu	Macquarie University
4	A/Prof Lyndal Parker-Newlyn	University of Wollongong
5	Mr Cailin Mellberg	Deakin University
6	Ms Jessica Beattie	Deakin University
7	Dr Nilakshi Waidyatillake	University of Melbourne
8	Dr Darran Foo	Macquarie University
9	Dr Erin Moth	Macquarie University
10	A/Prof John Turchini	Macquarie University
11	Dr Curtis Lee	University of Notre Dame
12	Mr Lachlan McOmish	University of Melbourne

**AIM:** The symposium unites educators, students, and experts to explore artificial intelligence (AI) in medical education. It aims to define essential AI competencies, assess ethical implications of AI tools, and explore inclusive, AI-supported learning models to enhance medical training, particularly for regional and remote students. Focus areas include data validity and responsible integration.

**SIGNIFICANCE:** In the rapidly evolving landscape of medical education, the advent of AI heralds a transformative era with new opportunities for advanced teaching and learning experiences. It is an integral part of healthcare education delivery with improved outcomes for graduate work-readiness.

**EXPECTED OUTCOMES:** The symposium will foster collaboration, enhance educator knowledge, and promote co-design approaches to ensure curricula prepare medical students for effective practice in technology-driven healthcare environments. We will conduct ethics-approved pre- and post-symposium surveys to evaluate educators' readiness to integrate AI in medical education, share findings broadly, and amplify student perspectives in future curriculum development.

**BENEFITS:** The symposium supports GEMPASS objectives by fostering professional development, inter-institutional collaboration, and knowledge sharing around AI in medical education. It will equip educators to embed AI ethically into curricula, promote equity through digital inclusion, and generate shared resources and research to support future-ready, collaborative medical education practices.

## 2) Advancing Disability Inclusion Across the Student Lifecycle

INVESTIGATORS		
	TITLE AND NAME	ORGANISATION
1	A/Prof Laura Gray	Deakin University
2	Dr. Gisselle Gallego	The University of Notre Dame, Australia
3	A/Prof Paul McGurgan	University of Western Australia
4	A/Prof Louisa Ng	The University of Melbourne

**AIM:** This project aims to advance disability inclusion in medical education by supporting the implementation of the Inclusive Medical Education Guidelines developed by the Medical Deans of Australia and New Zealand (MDANZ). It will do this through a national professional development program centred on the Disability Inclusion Self-Assessment Tool (SAT), designed to help medical schools evaluate and improve inclusive practices across the student lifecycle.

**SIGNIFICANCE:** Increasing representation of healthcare professionals with disability can reduce health disparities and enhance patient trust. However, students with disability remain underrepresented in medicine, hindered by institutional and systemic barriers. Although disability inclusion is a requirement of AMC accreditation, adoption of the MDANZ Guidelines remains incomplete. Without practical support, these documents risk becoming symbolic rather than transformative. This project addresses that gap with a structured program of professional development underpinned by the SAT endorsed by MDANZ.

**EXPECTED OUTCOMES:** The project will support schools in applying the SAT and meeting accreditation standards. Workshops, case studies, communication resources, and practical guidance will be developed and delivered to support this process. It will also capture data on barriers and enablers to inclusion, informing continuous improvement.

**BENEFITS:** Medical schools will be better equipped to foster inclusion, improving access and outcomes for disabled students. The work also establishes a model for extending inclusive practices to other health professions, advancing equity across the sector.

## GEMPASS 2024 GRANTS SUMMARY

---

### STREAM 2: PROFESSIONAL DEVELOPMENT INITIATIVE GRANT (1)

#### Medical Schools Selection Symposium – Values, Community and Workforce

INVESTIGATORS		
	TITLE AND NAME	ORGANISATION
1	Professor Anna Ryan	University of Melbourne
2	Associate Professor Janet McLeod	Deakin University
3	Associate Professor Mike Tweed	University of Queensland
4	Professor Brendan McQuillan	University of Western

The Medical School Selection Symposium: Values, Community and Workforce will be an opportunity for key staff representing all Australian and New Zealand medical schools to come together and explore how our selection processes can promote our values, support inclusive processes to provide the doctors our communities need, and contribute to the workforce of tomorrow.

Selection is one of the most complex and contested aspects of medical education - it is of enormous stakes to applicants, medical schools, universities, health services, post graduate colleagues, and most importantly, the patients and the populations we serve.

We seek funding support to deliver an Australian and New Zealand Medical Schools Selection Symposium - a two-day in person event designed to share current practice (both challenges and achievements), question our assumptions, explore the existing evidence base, and brainstorm radical solutions. This symposium will be designed to kickstart improvements in selection practice and springboard collaborations between medical schools in selection scholarship and research.