



THE UNIVERSITY OF
MELBOURNE

Department of
Medical Education

Melbourne
Medical School



Research & Scholarship Activities: March and April 2025

Hybrid (DME Library N714) and Zoom: [Click here to join the meeting](#)

If prompted for a password, please enter: 324834 (meeting ID: 851 1195 0827 if required)

Convenor: Dr Louise Allen louise.allen@unimelb.edu.au

March Activities



Session Type: Research and Scholarship Roundtable Focus on Research

Title: Integrating digital technologies into teaching embodied knowledge in the context of physical examination

Presenter: Jess Lees, Department of Physiotherapy, The University of Melbourne

Overview: There is a growing presence of digital technologies in clinical learning environments. However, there is little research into how technologies shape embodied teaching and learning for health professional students. This presentation will share findings from a study that used a thinking with theory approach to explore current teaching practices of physical examination across four health disciplines and to understand how digital technologies are used to facilitate the development of bodily knowledge.



Thursday 6 March
(1-2pm)



Session Type: Research and Scholarship Roundtable Focus on Scholarship

Presenter: Dr Morgan Rayner, DME, The University of Melbourne

Overview: This presentation explores attendance monitoring methods in healthcare degrees, focusing on the tension between adult learning and course requirements. It discusses various monitoring techniques, including RFID, QR codes, and smartphone systems, along with ethical concerns such as trust and data privacy. Morgan will also explore how online participation data can help identify and support at-risk medical students early and discuss the potential of this approach in medical education.



Thursday 13 March
(1-2pm)



ANZAHPE Online Professional Development Program

Title: Mapping inter-professional capabilities in the curriculum

Presenters: Professor Margo Brewer, Professor Tina Brock, and Professor Kim Allison

[Register at this link](#)



Thursday 20 March
(1-2pm)



Session Type: Research and Scholarship Roundtable Focus on Research Training

Title: Tools for navigating research authorship and acknowledging contributions

Presenter: Prof. Robyn Woodward-Kron, DME, The University of Melbourne

Overview: This research training session is about research integrity. It addresses the sometimes-sticky business of navigating who should be an author, who should be an acknowledgment, and in what order authors should appear. Drawing on [university guidelines](#) and [templates](#) for navigating authorship and contributions, the session provides practical resources and strategies for research students, research project and academic supervisors.



Thursday 27 March
(1-2pm)



April Activities

 **Session Type:** Research and Scholarship Roundtable Focus on Research  Thursday 3 April (1-2pm)

Title: “We need a seismic shift”: Visualising the assemblage of disability inclusion through U.S. disabled medical students’ perspectives

Presenter: Dr Neera Jain, Centre for Medical and Health Sciences Education, University of Auckland

Overview: This session will share a reflexive thematic analysis of disabled medical student responses to US survey. The analysis identifies key dimensions of medical school systems that affected student experiences, and the actions students took in response, positioning them as an assemblage. Highlighting the political-relational production of disability, Dr. Jain will discuss the need for systemic shifts within medical education that follow.

 **Session Type:** Research and Scholarship Roundtable Focus on Scholarship  Thursday 10 April (1-2pm)

Theme: Technology enhanced learning and assessment

Title: Using artificial intelligence to help develop high clinical complexity medical assessment content

Presenter: Dr Hannah Wu, University of Adelaide

Overview: This session will explore the key results of three linked studies that evaluated the validity and acceptability of AI-generated MCQs against human-generated MCQs. Study 1 was a mixed methods evaluation of the structural qualities of GPT-4 generated MCQs compared with human item-writers at both novice and expert level. Study 2 was a psychometric analysis conducted following a 120-item mock MCQ examination comprised of GPT-4 and human-generated content, administered to 234 Australian medical students, blinded to item author. Study 3 was a survey of Australian medical students on their views of the acceptability and disclosure requirements of AI use across various assessments and learning contexts. Practical recommendations are made regarding the use of an AI-integrated workflow for item-generation.

 **ANZAHPE Online Professional Development Program**  Thursday 17 April (1-2pm)

Title: How do I... reach beyond one profession: Building partnerships for interprofessional supervision

Presenter: Dr Linda Taoube

Overview: In this session, Linda will share how her team incorporated clinical placements across a wide variety of health care providers as part of an introductory program to primary care. She will describe the design process, the benefits and challenges of implementing a large scale program including interprofessional placements in the community. Participants will have an opportunity, in small groups, to consider potential clinical placement partnerships for their own disciplines.

[Register at this link](#)

No Roundtable

Thursday 24 April