

MEDICAL EDUCATION RESEARCH AND QUALITY (MERQ) UNIT

School of Public Health and Preventive Medicine

The Medical Education Research and Quality (MERQ) unit aims to develop and implement systems and methodologies that will translate evidence from pedagogy into practice, incorporating both medical education as well as clinical practice.

OVERVIEW

The Medical Education Research and Quality (MERQ) unit is part of the Department of Epidemiology and Preventive Medicine, in the School of Public Health and Preventive Medicine at Monash University. The (MERQ) unit has a strong focus on pedagogical research in medical and health education alongside teaching in clinical, biomedical and health science disciplines. The MERQ unit coordinates and conducts studies across all facets of medical education including unit/course development, methods of learning, assessment, accreditation, training and evaluation. The MERQ unit also provides training in health profession education including curriculum development, assessment, teaching delivery and feedback.



AIMS

The MERQ unit aims to integrate research across medical education, competency, accreditation, quality and safety. It also aims to develop and implement systems and methodologies that will translate evidence from pedagogy into practice, incorporating both medical education as well as clinical practice.



EXPERTISE

- Development and conduct of pedagogical research in the health professions
- Analysis of learner analytics
- Curriculum development
- Program evaluation
- Supervision of doctoral and post-doctoral students

TRAINING



The MERQ unit delivers public health, evidence-based medicine, epidemiology and biostatistics teaching for a range of programs including Bachelor of Health Science, Bachelor of Medicine and Bachelor of Surgery, and Bachelor of Biomedical Science. We train, develop and support students undertaking BMedSci, Honours, Masters or PhD studies with an interest in medical and health science education. PhD projects may be sub-studies of existing research projects within MERQ, or may be original stand-alone research projects.



RESEARCH

The MERQ unit has a strong focus on performing research to inform educational practice. Examples of our major project include;

- Examining the educational and cost effectiveness of blended learning
- The use of social media in the learning environment
- Development of psychometrically validated assessment tools
- Analysis of student performance across learning contexts
- Evaluation of assessment strategies in examining student competency

QUALITY

The MERQ unit adopts a continuous quality improvement framework to the development and ongoing refinement of teaching within SPHPM. MERQ offers several professional development programs and resources for educational staff, ensuring that educational staff are equipped with the knowledge and skills required for effecting teaching and learning. The MERQ unit also assists educators with the pedagogical design and refinement of teaching units.

CONTACT US

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