



Family Medicine Education Research

Contact Information

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Site(s)

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Elective Description

Introduction to Family Medicine Education Research is a research elective developed by McGill Family Medicine Education Research Group (FMER) researchers with the aim to initiate 3rd and 4th year McGill medical students into the family medicine education field of inquiry. This elective will be offered on an annual basis in the fall semester, then it will cover the Periods 4 to 6 (October to December) of the clerkship rotation schedule.

FMER Professors - <https://www.mcgill.ca/familymed/research/projects/familymedicine-education-researchgroup-fmer>.

Elective Duration

2 weeks

Educational Objectives

1. To acquire basic knowledge and understanding of the topics and research methodologies that advances science in the field of family medicine education.
2. To acquire a deeper understanding of a particular family medicine education research topic/methodology according to the expertise of the FMER instructor.

Prerequisites



None

Scope of Work

Content

Examples of topics – Spaced learning; artificial intelligence (AI) in medical education; use of information technology (IT) in continuing professional development; professional identity; mentoring; empathy; trustworthy resources and outcomes of online consumer health information; ‘how to’ perform family medicine education scholarship activities; among others. Examples of methodologies and methods – Qualitative research and reviews; educational randomized controlled trials (RCT) and meta-analysis; observational studies; mixed methods research and mixed studies reviews; case studies; user-centered design/evaluation of shared decision-making tools; among others.

Learning Strategies

They will be tailored to a particular medical student-FMER researcher dyad. In any case, they will at least include:

1. Directed readings on the chosen research topic and methodological approach.
2. Participation in and/or watching of the FMER Advanced Research Seminars whose videos and slides are uploaded on the FMER webpage.
3. Compulsory three-four tutorials (in person or online) of about 1 hour each.

Assessment Method

At the end of the elective, and based of the topic/methodology discussed during the course, the student will be asked to submit a 2–3-page, single-spaced draft of a research proposal including:

- (1) a brief synthesis of current knowledge about the topic/problem to be examined
- (2) the statement of a meaningful research question
- (3) the development of an initial research plan.

Recommended Reading/Preparation

The list of recommended readings will depend on the topic the student will be interested in. It will be provided by the instructor at the beginning of the elective.



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