



Northern Ontario
School of Medicine
École de médecine
du Nord de l'Ontario
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Guideline

Postgraduate Medical Education Research and Scholarly Activity				Class: B	
Approved By:	NOSM Postgraduate Education Committee				
Approval Date:	2020 11 12	Effective Date:	2020 11 12	Review Date:	2023 11 12
Responsible Portfolio/Unit/Committee:	Postgraduate Medical Education (PGME)				
Responsible Officer(s):	Research Lead, PGME & Associate Dean, PGME				

1.0 Purpose

The purpose of this document is to define the Northern Ontario School of Medicine (NOSM) interpretation of the standards of accreditation for research and scholarly activity by the College of Family Physicians of Canada (CFPC) and the Royal College of Physicians and Surgeons of Canada (RCPSC). The CFPC/RCPSC standards stipulate that there be “an environment of scholarly activity in the (Residency) Program.” In the context of the CanMEDS scholarly activity, NOSM recognizes projects in any of the following fields as meaningful scholarly activity:

- Medical Sciences (e.g., biomedical research, biomedical engineering)
- Clinical Sciences (e.g., clinical research, epidemiology)
- Human Sciences (e.g., medical anthropology, medical education)

The above examples are not intended to be an exhaustive list, and other disciplines of medical research and scholarly activity which fall into these fields are equally recognized.

2.0 Definitions

2.1 CFPC

2.1.1 College of Family Physicians of Canada

2.2 RCPSC

2.2.1 Royal College of Physicians and Surgeons of Canada

2.3 Research and Scholarly Activity

2.3.1 Activities which contribute to the advancement and dissemination of knowledge across any and all fields of medicine

3.0 Regulations

3.1 To facilitate resident research, and compliance with accreditation standards, each Residency Program will achieve the following:

3.1.1 Have an identified faculty member responsible for facilitating the involvement of postgraduate learners in research (i.e. Program Research Coordinator).

3.1.2 Engage faculty members to supervise resident research activities. This includes providing faculty with sufficient time and an appropriate level of support to be involved in supervising PGME learner research and scholarly activity.

3.1.3 Support the principles of research and scholarly activity among the faculty and learners.

3.1.4 Demonstrate effective teaching of the foundations of evidence based medicine, critical appraisal, research design, research methodology and biostatistics.

3.1.5 Provide PGME learners with sufficient time and support to be involved in scholarly activity.

4.0 Procedures

4.1 All NOSM postgraduate programs will provide structured academic half day sessions on critical appraisal, research design, research methodology and biostatistics. These lessons may be delivered using asynchronous teaching with facilitation/instruction provided by an identified Research Tutor.

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4.3 Postgraduate learners will be introduced to their respective Program Research Coordinator and Research Tutor(s). The Research Coordinator is responsible for facilitating the introduction to and involvement in research projects, potential research mentors and/or suitable scholarly activity. Research Tutors will be available to support learners in their research and/or scholarly activity.

4.4 In collaboration with the NOSM Research Unit, each NOSM Residency Program will provide support for resident research, which includes but is not limited to helping with:

4.4.1 Grant applications and travel awards (e.g. PSI Resident Grants)

4.4.2 Research Ethics Board applications

4.4.3 Abstract and manuscripts preparation

- 4.4.4 Collaborations and interdisciplinary research
- 4.4.5 Access to external research resources (e.g., ICES-based studies or community engaged research)
- 4.5 PGME will evaluate learner satisfaction with respect to the accessibility and variety of research and scholarly activity opportunities, which are available.
- 4.6 Postgraduate learner engagement in research and scholarly activity may be evaluated based on the following:
 - 4.6.1 Peer-reviewed research funding (e.g. Principal Investigator and co-investigator funding)
 - 4.6.2 Publication of original research in peer-reviewed journals and/or publication of review articles or textbook chapters
 - 4.6.3 Participation by PG learners in ongoing faculty supervised research projects
 - 4.6.4 Participation by faculty and PG learners in medical research conferences
 - 4.6.5 Other activities contributing to innovation in medical education, clinical care, clinical practice or medical administration
- 4.7 The PGME Unit Education Committee will review PGME learner evaluation across all residency programs with respect to learner engagement in research and scholarly activity on an annual basis.

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Version	Date	Authors/Comments
1.0	2014 02 04	Created by: J. Eibl.
2.0	2014 02 13	Updated following Qualtrics feedback.
3.0	2014 02 27	Approved by NOSM Postgraduate Education Committee.
4.0	2018 07 23	Reformatted in new policy template.
5.0	2019 08 19	Change from PGE to PGME.
6.0	2020 11 12	“Policy” reclassified to a “Guideline” and approved by PGEC.