Internal medicine ROTATION PLAN June 15, 2023

NAME OF ROTATION: IM Research

FOCUS OF THIS ROTATION

The research or scholarly project work is most frequently undertaken by senior residents (PGY 2 and above) to give them the opportunity to gain competency in the production and dissemination of new medical knowledge. Types of projects include those within the fields of basic science, clinical epidemiology, social science, medical education, humanities, and knowledge translation. The competencies listed will be completed, in part, during a dedicated research block. Completion of all objectives is expected by the end of the research/scholarly project or the end of the PGY 3 year, recognizing that additional project work can occur outside the formal research block(s) while continuing under the guidance of the research/project supervisor.

CBD stage(s) for this rotation:

- COD
- TTP

Length of this rotation:

- 1 block (up to 3 blocks)

PGY Level(s) for this rotation:

- PGY2
- PGY3

Locations for rotation:

- Any

Required training experiences included in this rotation: indicate all that apply
Recommended training experiences (Core stage):
Other training experiences: 3.
3.2. Participation in a scholarly project
3.3. Experience in patient safety/quality improvement

EPAs Mapped to this rotation:	Total # of EPAs 4+ per block
No EPAs mapped to research, EPAs are to be completed on call	
COD 1 Assessing, diagnosing, and managing patients with complex or atypical acute medical presentations	2
COD 2A Assessing and managing patients with complex chronic conditions: Part A: Assessment, Diagnosis, and Management	2

	Other assessments during this rotation:	Tool Location / Platform (e.g. POWER, Entrada):
1.	ITAR	POWER

	Key Objectives for this Rotation:	CanMEDS Role(s):
1.	Formulate research question or hypothesis and research plan	Scholar
2.	Assimilate and collate background literature pertaining to research topic	Scholar
3.	Critically appraise and interprets research findings	Scholar
4.	Effectively translate research ideas into writing, such as composing a grant to obtain research funding	Scholar
5.	Perform technical skills related to research, such as database development, statistical computer programs, wet lab procedures and/or qualitative analysis	Scholar
6.	Recognize and address ethical issues related to research	Professional
7.	Participate effectively and appropriately in interprofessional and/or interdisciplinary research teams.	Collaborator

Royal College Internal Medicine Competencies emphasized on the research rotation.
Numbers refer to items identified in the Royal College Competencies document.

4.0 Contribute to the creation and dissemination of knowledge and practices applicable to health

4.1. Demonstrate an understanding of the scientific principles of research and scholarly inquiry and the role of research evidence in health care
4.2. Identify ethical principles for research and incorporate them into obtaining informed consent, considering potential harms and benefits, and considering vulnerable populations
4.3. Contribute to the work of a research program
4.4. Pose questions amenable to scholarly investigation and select appropriate methods to address them
4.4.1. Engage in scholarly inquiry, such as scholarly research, quality assurance, or educational projects
4.5. Summarize and communicate to professional and lay audiences, including patients and their families, the findings of relevant research, and scholarly inquiry