



# Medical Oncology Clinical Research Fellowship Program

The Department of Oncology at McMaster University has several clinical research fellowship positions available in Medical Oncology. McMaster University is one of Canada's top ranked research-intensive universities and the Faculty of Health Sciences is a major contributor with more than \$100 million in research funding being overseen by health sciences investigators. In addition, the Faculty of Health Sciences is partnered with the Hamilton Academic Health Care Network which provides care to Hamilton, Central West and North-Western Ontario, serving more than 2.2 million people. The Department of Oncology is located at the Juravinski Cancer Centre, Hamilton, Ontario and offers one of the largest cancer treatment services in Ontario. Over 5,000 new patients are referred to the centre each year by physicians in the region.

Duration: 1 - 2 year Fellowships

Start Date: July 1, 2023

Deadline Date for Applications: Sept. 30, 2022

Invitations for interviews will be given to selected applicants. Incomplete applications will not be accepted.

## Medical Oncology Clinical Research Fellowship

Opportunities exist within the Division of Medical Oncology for Clinical Research Fellowships to develop subspecialty expertise. This is a large division with 30 full and part time medical oncologists all with subspecialty interests. The Juravinski Cancer Centre has one of the largest Clinical Trials departments in Canada and is a leading accruer to Cooperative Group and Industry sponsored Phase I, II and III clinical trials. Existing fellowship opportunities include Breast and Lung Cancer as well GI and GU Malignancies, and Clinical Genetics.

The one-year Clinical Research Fellowship provides fellows with a focused and high-level clinical experience in one or two disease sites. Fellows are expected to take at minimum the HRM 721 – Fundamentals of Health Research & Evaluation Methods course in the Health Research Methodology Program at McMaster University. The course will cover the basic concepts in formulating a research question, literature reviews, study designs, selection of study populations, and choice of measuring instruments, research ethics and knowledge translation. The course will provide students the opportunity to develop a research question and determine the appropriate research methods. Research designs that will be discussed include randomized clinical trials, cohort and case-control designs, qualitative methods, health technology assessment and the evaluation of diagnostic test properties.

In addition, fellows are provided with the opportunity to apply to the Graduate Diploma in Clinical Epidemiology Program (GDCE). The GDCE is a novel completely online delivered course-based program by the department of Health Research Methods, Evidence, & Impact (formerly the department of Clinical Epidemiology & Biostatistics) covering core topics of clinical epidemiology. The GDCE builds on the strengths of the internationally respected Health Research Methods (HRM) Graduate Programs in the Faculty of Health Sciences at McMaster University. Like the HRM program, the courses are taught by faculty in the Department of HE&I, a premier destination for graduate study and

research in clinical epidemiology. The four online courses comprising the program are recognized as equivalent to the core HRM courses, and are ideal for applicants with an interest in HRM training without the commitment of an entire MSc degree completed on site. At GDCE completion a formal graduate diploma will be awarded to students. For more information on this program, please click on the following link [healthsci.mcmaster.ca/hei/gdce/about-us](https://healthsci.mcmaster.ca/hei/gdce/about-us)

There is also the opportunity to complete a Master of Health Science Education. The program offers two completion pathways: a course-based option or a thesis-based option. The program will be highly accessible through a blended delivery format of online and classroom formats. The program will act as a strategy to enhance collaborative, patient-centred care by engaging learners in inter- and intra-professional practice and to foster health professions leadership and succession planning.

The two-year Clinical Research Fellowship provides fellows who have been accepted into the program an opportunity to obtain a Master's of Science Degree in Health Research Methodology (HRM). The degree includes five half-courses and with the option to do a thesis. In general, each course meets for one half-day per week, with the need for about three to five hours of outside preparation per hour of class time. The three basic courses are an introduction to clinical epidemiology, an introduction to biostatistics, and a course on research methodology, in which students learn how to prepare a research protocol. In addition, HRM students participate in research internships designed to provide practical experience in clinical research. One project involving the planning and execution of data analysis is required at some point during the HRM program. The thesis may be a "design" thesis, in which the candidate designs a study in their area of interest, including the implementation and analytic strategies, while considering and addressing the relevant methodological issues. Although conducting the study is not a requirement of the thesis, fellows are strongly encouraged to choose projects which they would actually like to carry out. Often the thesis forms the basis of a grant proposal that can launch the next phase of career development as a clinical investigator. For more information on the HRM Program and deadline dates please [CLICK HERE](#)

## Application Requirements

1. Must have completed Medical Oncology subspecialty
2. CPSO licensing to practice in the Province of Ontario
3. Curriculum vitae - include information on teaching and research positions, list of publications, certificates, awards, scholarships, memberships, etc
4. \*Three appropriate professional letters of reference, one from the Residency Program Director\*
5. Covering letter outlining personal learning goals and preliminary thoughts for development of a research/clinical project
6. Medical School transcripts

Submit online application <https://pgme.mcmaster.ca/apply/fellowships-application/> by Sept. 30 2022

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All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be considered first for this position. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements: "Yes, I am a citizen or permanent resident of Canada" or "No, I am not a citizen or permanent resident of Canada"

Application:  
**[CLICK HERE](#)**