



Clinical Research Fellowship Opportunities Department of Oncology

The Department of Oncology at McMaster University has several clinical research fellowship positions available in Medical Oncology, Radiation Oncology and Malignant Hematology. 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, 2011
Funding: Available at the PGY6 (\$76,210) level

Deadline Date for Applications: October 1, 2010

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

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 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, 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.

The two-year Clinical Research Fellowship provides fellows an opportunity to obtain a *Master's of Science Degree in Health Research Methodology (HRM)*. The degree includes six 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 his/her 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. *Deadline date for registration to the HRM Program is November 1, 2010.* For more information please visit: <http://fhs.mcmaster.ca/hrm/about.html>

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 29 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 Investigational New Drug (IND) development. Opportunities for clinical research fellowships would also be considered in GI and GU malignancies and clinical genetics.

For more information on the IND Fellowship please click on link below:

<http://fhs.mcmaster.ca/oncology/documents/InvestigationalNewDrugFellowship.pdf>

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

Forward completed application no later than October 1, 2010 to:

Heather Wilde
Department of Oncology
C/O Fellowship Selection Committee
Juravinski Cancer Centre
699 Concession Street
3rd Floor, Room 3-44
Hamilton, Ontario, L8V 5C2
oncology@mcmaster.ca

Note: All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be considered first for these positions. McMaster University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women, members of visible minorities, Aboriginal peoples, members of sexual minorities and persons with disabilities.

