Supervisor/Project Information Form

Due February 6, 2020 by email to crems.programs@utoronto.ca

**Supervisor Name:** Jill Tinmouth MD

**Project Title:** Catching Cancers Early: How well do Ontario's organized screening programs perform for First Nations and Métis persons?

**Hospital/Research Institution:** Sunnybrook Health Sciences Centre/Research Institute

**Email:** jill.tinmouth@sunnybrook.ca

**Field of Research (2 keywords):** population-based cancer screening

**Department:** Medicine

**School of Graduate Studies Appointment (IMS, LMP, IHPME etc)? Yes/No:** Yes, IHPME

**Brief Project Description (<300 words):**
Cancer is an increasingly common problem for First Nations and Métis persons in Ontario: new cases are on the rise and outcomes such as survival are worse. Ontario has organized screening programs for breast, colorectal and cervical cancers as well a pilot screening program for lung cancer. First Nations and Métis community partners report that the design of the programs, including the starting age for screening, may not be appropriate for them. This project intends to address these potential disparities in access to cancer screening as follows:

1. By measuring the rate of new cases of screen-detectable (breast, cervical, colorectal, and lung) cancer and their survival by age, sex and stage;
2. By describing factors associated with these screen-detectable cancers; and
3. By determining participation with screening tests (including follow-up of abnormal screening tests) for breast, cervical and colorectal cancers in First Nations and Métis persons compared to the general population. This work will be carried out using existing databases, including registries of First Nations and Métis persons, housed at the Institute for Clinical Evaluative Sciences and at Cancer Care Ontario.

Student role: The student who participates in this project will have the opportunity to learn about Indigenous persons’ experiences with the cancer system in Ontario, to attend weekly analytic meetings where the project results are reviewed and discussed by the study team and s/he will be responsible for assisting with drafting the manuscript.