

RESEARCH SCHOLAR PROGRAM 2017
SUPERVISOR/PROJECT INFORMATION FORM



Due on or before **October 21 2016**. Forms received after this date will not be posted on the website.

SUPERVISOR INFORMATION

Supervisor Name: Dr. Natalie Coburn

Mailing Address: 2075 Bayview Ave. Room T2 011, Toronto, ON M3N 4M5

Telephone Number: 416-480-6916

Email Address: Natalie.coburn@sunnybrook.ca

Degree (MD, PhD, MD/PhD): MD, MPH

Academic Rank: Associate professor

Field of Research: Evaluating and improving surgery outcomes for gastrointestinal malignancies

Graduate School Appointment (IMS, IHPME etc.): IHPME

Please note that you must be appointed to the SGS in order to be a supervisor in the Scholar Program

Research Institute Affiliation (if applicable): Sunnybrook research institute

Allocation of student contact time (# of hours per week you are available to the student for any concerns or to review progress): 10

Do you have a student that you have already agreed to work with? No

Please note, you may go ahead with a self-initiated project with a student of your choosing. If you choose this option, your project will not be posted online, meaning it will not be open to student applicants.

PROJECT INFORMATION

Project Title:

1. Survival, treatment patterns and identifying predictors of receipt of adjuvant therapy for curative pancreatic adenocarcinoma: a population-based analysis.

Project Description (max 500 words):

According to Canadian Cancer Statistics, pancreatic cancer ranks 12th in terms of the number of new cases diagnosed in 2012, however, as most patients die of this disease, it represents the 4th most common cause of cancer-related deaths. In 1889, surgeons described resection of lesions in the tail of the pancreas, and in 1935, Allen Whipple described a technique for resection of pancreas cancers within the head of the pancreas. Little has changed in over one hundred years, with these resections representing the only way to cure pancreas cancer. Over the past several decades, data has emerged to suggest that chemotherapy or chemoradiation, following a curative resection may improve the survival of patients with pancreas cancer. However, these therapies have only been examined in randomized control trials, and the efficacy of these treatments, when applied to a population of patients has not been examined. Physicians still question whether chemotherapy, or chemoradiation is the best treatment option. For our project, *Survival, treatment patterns, and identifying predictors of receipt of adjuvant therapy for curative pancreatic adenocarcinoma: a population-based analysis*, our objectives are to:

1. Define survival for curatively resected pancreatic adenocarcinoma on a population-level;
2. Identify independent predictors of survival for all patients with curatively resected pancreatic adenocarcinoma;
3. Identify independent predictors of adjuvant chemotherapy or chemoradiation versus no additional therapy.

If human subjects are involved, has Ethics been obtained?

☐ YES

☐ NO

☐ Application Submitted

☒ N/A

Do you expect this work will be published within 20 months?

☒ YES

☐ NO

☐ Uncertain

Student's Roles / Responsibilities (Please be as specific as possible) Please indicate who will serve as the student's direct report. (PI, PDF, PhD student, technician etc...):

The student's role depends on the progress of our projects, however will likely include conducting chart reviews, summarizing existing literature, assessment of treatment costs, as well as analysis of data output and manuscript preparation. The student will report to Dr. Natalie Coburn, who is the PI of the listed projects. The student will also have support available from other team members, including Masters students and research assistants.