

The Baines Family Research Fellowship in Precision Radiation Oncology

London Health Sciences Centre
Department of Oncology, Schulich School of Medicine & Dentistry
University of Western Ontario

Position

Fellowship in Stereotactic Ablative Radiotherapy (SABR), Precision Radiation, and Comparative Effectiveness Research

Background:

The London Regional Cancer Program (LRCP) at the London Health Sciences Centre serves as the tertiary oncology care centre for Southwestern Ontario, with a catchment area of over 1.5 million people. The Division of Radiation Oncology is at the forefront in image-guided radiotherapy and SABR for the treatment of patients with lung cancer and oligometastatic disease. Our team includes clinician scientists, translational imaging scientists, trainees, and research associates – including a dedicated biostatistician – supporting our current radiation oncology research program.

Objectives:

- (1) Conduct one or more technology assessment projects and/or comparative effectiveness studies in relation to SABR and IGRT for lung cancer and oligometastatic disease. This will take place under the direct supervision of the principal investigators that are listed as mentors for this fellowship.
- (2) Gain experience in clinical trials and technology assessment methodology and the conduct of investigational radiation oncology clinical trials.
- (3) Develop translational/correlative research with cancer research imaging scientists within the Department of Oncology and our partner institutions (Baines Imaging Centre, UWO Department of Epidemiology and Biostatistics, Robarts Research Institute, and international collaborators).

Specific opportunities at LHSC include:

- Population-based analyses, through the Institute for Clinical Evaluative Sciences (ICES)
- Systematic reviews of the literature, individual-patient data meta-analyses, and other comparative effectiveness research, with the support of a dedicated biostatistician and a library scientist.
- Secondary analyses using prospectively collected data from completed trials



Mentorship/Supervisors:

Dr. David Palma, MD, PhD: Radiation Oncologist and Ontario Institute of Cancer Research Clinician Scientist, located in the Baines Centre (www.bainesimaging.com). Research interests include image-guided radiotherapy, treatment of oligometastatic disease, and conducting clinical trials. Dr. Palma is chair of the CAPRI clinical trials group (www.capriclinicaltrials.com).

Dr. Alexander Louie, MD, PhD: Radiation Oncologist and Western University Clinician-Scientist, ICES Scholar. Research focus is on health care economics, comparative effectiveness, and clinical trials. Active clinical areas include lung cancer, oligometastases, and renal cancer.

Time Commitments:

- ◆ 50% clinical experience and direct patient care
- ◆ 50% conduct and implementation of specific research projects

Application Procedure

Currently, 1 fellowship position is available for the Academic year July 1, 2018 to June 30, 2019. Remuneration will be at least at the PGY-6 salary level through PAIRO. The position also includes funding to attend CARO and ASTRO 2018, along with at least one other stereotactic radiotherapy course/conference to be decided.

Applications are invited from physicians who hold a Fellowship of the Royal College of Physicians and Surgeons of Canada or equivalent training. Candidates will have completed a training program one of the oncology subspecialties, be licensed with, or be eligible for an educational license from the College of Physicians and Surgeons of Ontario.

Interested applicants should forward a covering letter outlining their proposed area of interest as outlined above along with a current CV and three letters of reference by August 1, 2017 to:

Ms. Kathy Willsie
c/o London Regional Cancer Program
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