



Queen's  
UNIVERSITY

# DIAGNOSTIC RADIOLOGY

## Welcome

The Diagnostic Radiology program at Queen's University is a rigorous five-year residency program which imparts our trainees with the knowledge and skills to be excellent radiologists, whether heading directly into practice or to further subspecialty training. Our graduates are well prepared for the certification examination of the Royal College of Physicians and Surgeons of Canada (RCPSC) and are highly sought-after specialists who have gone on to practice in a wide variety of academic health centres, community hospitals, and private clinics.

Each year, the residents who join us are enthusiastically welcomed into our team. Our close-knit community of residents and radiologists has helped us to create an environment that is supportive and collegial. Our residents are keen learners who are supported and mentored by faculty who share a passion for teaching. Our program's excellent faculty-to-trainee ratio and absence of clinical fellows provides immense opportunity for hands-on learning to our residents from early in their training, including with advanced imaging modalities and image-guided procedures.

Our early adoption of competency-based medical education (CBME) provides a robust system of continual feedback, individual mentorship (with each resident assigned a faculty Academic Advisor), and clearly defined goals and objectives for competency.

Diagnostic Radiology is an exciting and highly rewarding field of medicine with excellent career prospects. I hope that you take the opportunity to learn more about the Diagnostic Radiology program at Queen's University. Should you have any questions, please do not hesitate to contact us.

Andrew Chung, MD, FRCPC  
Postgraduate Program Director



## Overview

The first stage of Diagnostic Radiology residency at Queen's consists of eight off-service clinical rotations which allow you to transition into the role and responsibilities of a resident, build connections with your clinical colleagues, and better understand the role of imaging in the larger clinical picture. Rotations include Emergency Medicine, General Surgery, Internal Medicine, Neurology, Urology, and Radiation Oncology. There is also an opportunity for an elective rotation.

The remaining stages of the program are specialty-specific, fulfilling the training requirements of the

RCPSC and the CanMEDS roles as they apply to Diagnostic Radiology. Over the remainder of your training, there will be rotations in the following disciplines: Gastrointestinal/Genitourinary, Neuroradiology, Musculoskeletal, Cardiothoracic, Mammography, Nuclear Medicine, Fetal/Obstetrical and Vascular/Interventional Radiology. Residents also spend one month at the American Institute for Radiological Pathology (AIRP) in Washington, DC. There are also scheduled blocks for electives and "Junior Staff" role in the final year, as well as dedicated time for scholarly research.



## Educational Activities

Residents are excused from clinical responsibilities each week in order to attend their Academic Half-Day. This provides them an opportunity to examine in-depth a wide range of topics which are presented by both residents and faculty. Residents also attend a variety of other educational activities: Radiology Grand Rounds, Departmental Rounds, Senior Rounds, Neuropathology Rounds, Interventional Rounds, Ultrasound Rounds, and Medical Mortality Conference. The department also supports a Journal Club several times a year to encourage and incorporate critical thinking skills in the evaluation of radiology literature.

## Research

Residents who wish to pursue research are strongly supported by the Department. At least one scholarly project is a mandatory requirement during residency. To facilitate this, all residents attend the Introduction to Research Workshop in their PGY-1 year. This full-day workshop introduces all residents to a basic level of research training as required by the RCPSC. The day features an introduction to study design, basic biostatistics, critical appraisal, the publication process, and effective presentation skills. Residents are also provided with additional research time later in residency with which to advance their project.





## Conference and Courses

Each year, our residents are allocated seven educational days, which can be used to attend conferences or for other educational endeavours. Popular conferences include those of the Canadian Association of Radiologists, the American College of Radiology, the Radiological Society of North America, and the American Roentgen Ray Society. Financial support is available for residents who are presenting at these or other acceptable conferences.

Funding is also provided for a variety of other conferences and learning experiences including: off-site physics courses, the American Society of Emergency Radiology (ASER) Annual Meeting and Postgraduate Course, and the combined Western/Queen's CanMEDS Conference.

## Training Sites

Kingston Health Sciences Centre (KHSC) is southeastern Ontario's leading centre for complex, acute, and specialty care. KHSC serves almost 500,000 through its Kingston General Hospital (KGH) and Hotel Dieu Hospital (HDH) sites, in addition to 24 regional and affiliate sites. KHSC has consistently ranked as one of Canada's Top 40 Research Hospitals by Research Infosource. KHSC is the primary site for Abdominal Radiology, Cardiothoracic Radiology, Neuroradiology, Vascular/Interventional Radiology, Musculoskeletal Radiology, Fetal/Obstetrical Imaging, and Nuclear Medicine.

Hotel Dieu Hospital (HDH) is the ambulatory care teaching and research hospital for southeastern Ontario, providing medical care and treatment that does not require an overnight stay. HDH is the primary site for Gastrointestinal/Genitourinary Radiology, Breast Imaging, and Pediatric Radiology.

Residents also complete mandatory rotations (3 blocks) in Pediatric Radiology at the Hospital for Sick Children in Toronto.

## Learning Environment

Queen's Radiology is a close-knit program with excellent faculty-to-trainee ratio which allows for a highly engaging training experience. The absence of clinical fellows means that our trainees have immense hands-on learning opportunities, allowing them to become very comfortable performing a wide array of image-guided procedures by the end of their training. Residents and faculty get to know each other well in a collegial and positive environment.



## Why Diagnostic Radiology at Queen's?

### Environment

Our close-knit program promotes collegiality and creates a supportive work culture in which resident feedback is always welcomed.

### Education

Our residents have immense opportunity for hands-on learning and a comprehensive teaching curriculum with dedicated academic half-days, visiting professor lectures, and journal clubs.

### Competency First

Our early adoption of competency-based medical education (CBME) provides a robust system of continual feedback, individual mentorship, and clearly defined goals and objectives.

### Research

Excellent clinical and basic science research opportunities are available for all residents.

### Patients

An extremely diverse patient population provides exceptional opportunities for learning.

### Location

Kingston is easily one of the most picturesque and liveable small cities in Ontario; highlights including: waterfront properties and activities, historic downtown, short commute times, lower cost of living, a bustling restaurant and tourism scene, central location between numerous larger metropolitan areas (Toronto, Montreal, Ottawa, Syracuse), and proximity to numerous beautiful leisure destinations (Prince Edward County/Sandbanks Provincial Park, the Thousand Islands).



# Medicine

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