



University of Toronto

CARDIOTHORACIC IMAGING

GENERAL INFORMATION

Location	University Health Network (Mount Sinai, Toronto General, Women's College, Princess Margaret and Toronto Western Hospitals) Toronto, Ontario, Canada
Duration	12 months
Deadline for Applications	Early PGY4
Number of Fellowship Positions	2 total There is no distinction among applicants based on nationality. Eligibility criteria are: <ul style="list-style-type: none">• Certification by the Royal College of Physicians and Surgeons of Canada in Diagnostic Imaging or• American Board of Radiology certified/eligible or• Certified with equivalent qualifications and• Proficient in both written and spoken English.
Fellowship Website	http://medical-imaging.utoronto.ca/thoracic
Contact Information	Fellowship Directors: Dr. Mini Pakkal & Dr. TaeBong Chung mini.pakkal@uhn.ca taebong.chung@uhn.ca Fellowship Coordinator/Administrator: Amy Shea Fellowship Program Assistant Tel: 416-978-0514 a.shea@utoronto.ca

WORKFLOW

General structure	There are 2 positions within our cardiothoracic division to complete a 50:50 split cardiothoracic fellowship in a one-year period. One of these 2 positions will start with cardiac for the first 6 months and then chest for the subsequent 6 months. The other 50:50 cardiothoracic position will start with 6 months of chest then 6 months of cardiac. During the cardiac portion of the fellowship, the fellow will be exposed to a high volume of cardiac MR, cardiac CT and some echo cases. This training will be sufficient to allow a fellow to achieve a minimum of level II training in cardiac imaging and possibly level III training depending on the motivation and work ethic of the fellow. During the chest fellowship, there is ample opportunity to perform lung biopsies as well as be exposed to all aspects of thoracic imaging such as lung transplant, interstitial lung disease and oncology imaging.
Are there times when fellows overlap and share work?	As there are multiple fellows total between cardiac, cardiothoracic and thoracic streams and one day a week is given as academic time for each fellow, there is more than enough volume between the thoracic CT, cardiac CT and cardiac MR workflows.
How many rounds are you expected to attend? Contribute to?	While on the cardiac service, the fellows attend and present cases at the weekly, multidisciplinary Adult Congenital Heart conferences. Acuity in the cardiac section provides dedicated weekly cardiac teaching rounds and multiple weekly educational sessions comprised of case-based and didactic lectures, which include exposure to echocardiography. There are multidisciplinary cardiac rounds three times per week and the fellows have access to chest rounds that also occur twice per week. These include Adult heart disease rounds, TAVI rounds and monthly lectures for fellows (for both thoracics and cardiac). While on the thoracics service, the fellows attend the weekly Thoracic Oncology Tumour Conference and present at the weekly multidisciplinary Radiology-Respirology-Pathology rounds.
Other than rounds, are there teaching responsibilities?	Other teaching is ad-hoc for radiology/respirology/cardiology residents, observers and medical students who may be present on service as well.
How procedure focused is the fellowship?	Minor focus
Which procedures are you responsible for?	CT-guided lung biopsies if on thoracics service. There are about 15 CT-guided lung biopsies per week (~3 per day). In addition the fellow monitors the gated cardiac CT and MR stress tests and administers appropriate medications for each while on the cardiac service.
Additional Comments about Workflow:	

RESEARCH	
What are the Research Expectations?	There is an active multi-disciplinary research program with clinician-scientists and clinician-teachers, all fellows have 20% dedicated research time and are expected to produce at least one manuscript during their fellowship. Presentation of research work at International scientific conferences is financially supported and encouraged.
How much protected time is given for research (per week)?	One day per week
CALL	
General	The cardiac/cardiothoracic/thoracics imaging fellows are part of a collective call pool and do a week of home call once every 6 weeks. Weeknights the fellow takes home call and the staff report until 11 PM; on weekend days the fellow reports with staff in-house from 8 AM to 5 PM all XR and CT studies, after which he/she is on home call.
Responsibilities on Call:	Modalities covered: CT & XR Average number of studies completed per call shift: weeknight/home call volumes are low, although weekends are relatively busier
Is there a call stipend?	No
Additional comments about call	
HOLIDAYS AND PAY	
Number of paid holiday's (in weeks):	2 weeks per 6 month block of fellowship
Sick and Caregiver time (in days):	as per university policy
Extra time off (in days):	Conferences: Up to 5 days per academic year CME: as per university policy Teaching: as per university policy
Income before tax (CAD):	As per university policy, PARO PGY6 level salary (\$76,210)
Opportunities for additional income (directly related to the fellowship):	No
Additional Comments about Holidays and Pay:	In general fellowships follow University of Toronto policies.

