



# University of Calgary

## CARDIOTHORACIC RADIOLOGY

### GENERAL INFORMATION

<b>Location</b>	Foothills Medical Centre Calgary, Alberta, Canada
<b>Duration</b>	1 year
<b>Deadline for Applications</b>	Late PGY 4
<b>Number of Fellowship Positions</b>	1 total (Canadian and international medical graduates)
<b>Fellowship Website</b>	<a href="https://www.ucalgary.ca/radiology/education/fellowship-training">https://www.ucalgary.ca/radiology/education/fellowship-training</a>
<b>Contact Information</b>	<p><b>Fellowship Director:</b> Dr. Carmen Lydell <a href="mailto:Carmen.Lydell@ahs.ca">Carmen.Lydell@ahs.ca</a></p> <p><b>Fellowship Coordinator/Administrator:</b> Linda Jennett Tel: 403-944-4530 Fax: 403-944-4577 <a href="mailto:Linda.Jennett@albertahealthservices.ca">Linda.Jennett@albertahealthservices.ca</a></p>

### WORKFLOW

<b>General structure</b>	<p>Rotation is based out of FMC Libin Cardiovascular Imaging Centre, covering either Cardiac CT or Cardiac MR on alternating days.</p> <p>The candidate's options include: dedicated cardiac imaging, dedicated pulmonary imaging or combined cardiac and pulmonary imaging. Modalities include cardiac CT, cardiac MRI and chest CT and high-resolution chest CT.</p> <p>40 to 50 cardiac MRI exams are performed weekly on a dedicated cardiac Siemens Advanto 1.5T MRI, with additional vascular MRI exams</p> <p>10 to 20 cardiac CT exams are performed weekly on a 64-slice GE 750 High Definition and 320-detector Toshiba Aquilion One CT scanners</p>
<b>Are there times when fellows overlap and share work?</b>	Fellows will very rarely share work with residents as the resident is alternating CT and MR rotations with the fellow.

<b>How many rounds are you expected to attend? Contribute to?</b>	Attend: Collaboration with clinical cardiac and pulmonary services include daily cardiac MRI case-rounds, journal club and research rounds, coronary CTA case-rounds, multi-disciplinary thoracic aortic rounds, weekly pulmonary case rounds and monthly interstitial lung disease clinical-radiological-pathology conferences.
<b>Other than rounds, are there teaching responsibilities?</b>	Teaching radiology residents rotating through Cardiac Imaging - no formal teaching assigned, but lots of teaching often happens while going over cases.
<b>How procedure focused is the fellowship?</b>	Little/no focus
<b>Which procedures are you responsible for?</b>	Observation of at least 50 coronary angiograms - with CT angiogram correlation; observation of at least 100 echocardiograms
<b>Additional Comments about Workflow:</b>	<p>Under the spectrum of cardiac imaging, the fellow will gain experience in a diverse array of different cardiac MRI indications including cardiomyopathies, viability MRI, congenital heart disease, perfusion imaging, and valvular disease.</p> <p>Experience in cardiac CT imaging will include acquisition, processing and interpretation of coronary CTA. Complex thoracic CTA will also be performed in conjunction with coronary CTA cases and include pre-operative cardiac and aortic surgery evaluation, congenital cases. In addition, pre-operative TAVI, cardiac resynchronization therapy, pulmonary vein ablation, and endovascular thoracic aortic examinations.</p> <p>Pulmonary imaging experience will include a wide array of pathologies from thoracic malignancies, infections and interstitial lung disease with opportunities for lung biopsy experience. Research in the cardiothoracic imaging is also encouraged.</p>
<b>RESEARCH</b>	
<b>What are the Research Expectations?</b>	<p>General comments: Fellows are encouraged to participate in clinical research and teaching responsibilities.</p> <p>Number of projects: at least 1 publication is encouraged</p>
<b>How much protected time is given for research (per week)?</b>	
<b>CALL</b>	
<b>General</b>	
<b>Responsibilities on Call:</b>	
<b>Is there a call stipend?</b>	
<b>Additional comments about call</b>	

**HOLIDAYS AND PAY**

<b>Number of paid holiday's (in weeks):</b>	4 weeks of vacation, plus additional 5 days over Christmas or New Year's
<b>Sick and Caregiver time (in days):</b>	
<b>Extra time off (in days):</b>	
<b>Income before tax (CAD):</b>	
<b>Opportunities for additional income (directly related to the fellowship):</b>	
<b>Additional Comments about Holidays and Pay:</b>	