



University of Alberta

MUSCULOSKELETAL RADIOLOGY

GENERAL INFORMATION

Location	University of Alberta Hospital, Royal Alexandra Hospital, Edmonton Clinic, Grey Nuns Community Hospital, and Medical Image Consultants - College Plaza Sports Imaging Clinic Edmonton, Alberta, Canada
Duration	1 year
Deadline for Applications	End of PGY3 / Early PGY 4
Number of Fellowship Positions	2 total
Fellowship Website	http://www.radiology.med.ualberta.ca/Education/Fellowship/Pages/Musculoskeletal-Radiology.aspx
Contact Information	<p>Fellowship Director: Dr. Bilal Ahmed</p> <p>Fellowship Coordinators/Administrator: Dr. Sean Crowther Dr. Suki Dhillon</p> <p>Lynda Loiseau Tel: 780-407-2787 loiseau@ualberta.ca</p>

WORKFLOW

General structure	Each week contains at least one day of MRI, at least one day of dedicated MSK ultrasound and at least one day of procedures. Three month blocks will contain a second day in each of these three areas in turn. A final three month block will be agreed upon to concentrate on any areas of special interest or weakness.
Are there times when fellows overlap and share work?	No

<p>How many rounds are you expected to attend? Contribute to?</p>	<p>Attend: Fellows are expected to attend Musculoskeletal Resident Rounds and Departmental Rounds.</p> <p>Contribute to: Two 30-minute presentations to the Musculoskeletal Radiology Division, 1 or 2 lectures to the residents through the course of the year. One lecture to medical students. Two presentations of Grand Rounds to the department, at least one of which is expected to be research. Journal Club.</p>
<p>Other than rounds, are there teaching responsibilities?</p>	<p>Fellows are expected to gather cases for a teaching file (Department of Radiology Teaching File)</p>
<p>How procedure focused is the fellowship?</p>	<p>Moderate focus</p>
<p>Which procedures are you responsible for?</p>	<p>Fellows are responsible for the following procedures:</p> <p>Peripheral procedures: Arthrography (MR/CT and fluoroscopic), Joint or Bursa injection, Bone or soft tissue biopsy.</p> <p>Spinal procedures: Nerve root or Facet joint injection, Discography, Disc or vertebral biopsy and facet joint radiofrequency ablation</p> <p>Special procedures: Osteoid Osteoma ablation, Unicameral (simple) bone cyst ablation, Vertebroplasty, Kyphoplasty, Sacroplasty, RF tumor ablation and a wide range of ultrasound guided procedures for tendon and tendon sheath pathology</p> <p>The fellow will also assist with or perform invasive interventional procedures such as arthro dilatation, percutaneous cementoplasties, interstitial laser or radiofrequency photocoagulation of osteoid osteoma and percutaneous alcohol irrigation of bone cyst. The fellow will undertake spine, other bone and soft tissue biopsy at the University site under fluoroscopic, CT or US guidance.</p>
<p>Additional Comments about Workflow:</p>	<p>Musculoskeletal Radiology involves all aspects of musculoskeletal (MSK) imaging and intervention for diagnosis and therapy. Modalities are Radiography, Fluoroscopy, Ultrasound, Computed Tomography and Magnetic Resonance Imaging. The fellowship does not include angiography or nuclear medicine, although nuclear medicine imaging, including PET CT, forms an important part of diagnostic work-up in many cases and there will be an opportunity for some limited exposure to bone scintigraphy.</p>
<p>RESEARCH</p>	
<p>What are the Research Expectations?</p>	<p>The fellow will be involved in at least two research projects. Typically this involves one clinical review and one laboratory investigation. The current expectation for research for clinical fellows is submission by the fellow of at least one first authored scientific presentation and one first authored scientific publication. The fellow is encouraged to bring forward ideas for research projects before commencing the post or upon arrival.</p> <ul style="list-style-type: none"> • Number of projects: 1 clinical review and 1 laboratory investigation, 2 clinical audit projects • Number of manuscript submissions: 1 first authored scientific presentation and 1 first authored scientific publication (as per website)
<p>How much protected time is given for research (per week)?</p>	<p>1 day per week is protected for research.</p>

CALL	
General	<p>Weekdays: the equivalent of 8 weeks of weeknights (32 nights), on general plain film evening shift from 5:00pm - 9:30pm plus MSK/Spine MRI call (5:00pm - 8:00am) with staff cover</p> <p>Weekends: 8 weekends (6 of day shift, 2 of evening shift) total over 10 months including one holiday weekend. Day shifts 8:00am - 4:30pm, evening shifts from 4:30pm - 11:00pm. General plain film reporting on shift plus MRI call (Day shift 8:00am - 4:30pm, Evening shift 4:30pm - 8:00am).</p>
Responsibilities on Call:	<p>General comments: The fellow is expected to start taking on-call two months after arrival</p> <p>Modalities covered: General Radiology, mostly radiography involving intensive care and inpatient plain film radiography in support of the on call general radiologist.</p> <p>Average number of studies completed per call shift: Generally high volume</p>
Is there a call stipend?	No
Additional comments about call	N/A
HOLIDAYS AND PAY	
Number of paid holiday's (in weeks):	23 days
Sick and Caregiver time (in days):	N/A
Extra time off (in days):	5 days of conference leave
Income before tax (CAD):	\$91,536
Opportunities for additional income (directly related to the fellowship):	N/A
Additional Comments about Holidays and Pay:	<p>You are also eligible for reimbursement of the following expenses:</p> <p>Conference registration and travel expenses - Up to \$2000</p> <p>University of Alberta Assessment and Registration fee - approximately \$1000</p> <p>College of Physicians and Surgeons of Alberta, educational registration fee - \$400</p> <p>Canadian Medical Protective Association - approximately \$1000</p> <p>Supplementary Health and Dental Insurance</p> <p>Disability Insurance</p>