



# **INSTITUTION:** UNIVERSITY OF BRITISH COLUMBIA

## **SUB-SPECIALITY:** MUSCULOSKELETAL RADIOLOGY (VGH)

### GENERAL INFORMATION

<b>Location</b>	Vancouver, British Columbia
<b>Duration</b>	Full Time
<b>Deadline for Applications</b>	August 31
<b>Number of Fellowship Positions</b>	3 fully-funded positions Up to 2 Sponsored or Self-Funded positions
<b>Fellowship Website</b>	<a href="https://radiology.med.ubc.ca/education/fellowship-programs/">https://radiology.med.ubc.ca/education/fellowship-programs/</a>
<b>Description</b>	<p>Overview: The Musculoskeletal Radiology program currently accepts 3 funded and 2 sponsored or self-funded fellows per year. Fellows are an integral part of the musculoskeletal services at Vancouver General Hospital and University of British Columbia Hospital, which perform a wide variety of examinations including radiography, Ultrasound, Dual Energy CT, MRI, bone mineral density and interventional procedures.</p> <p>Oncology and Interventional procedures: Interventional procedures include imaging-guided bone biopsy, ultrasound-guided pain injection, image-guided joint aspiration/injection including arthrography, radiofrequency ablation, cryoablation, vertebroplasty, and cementoplasty. As the Vancouver General Hospital is the primary site for the management of musculoskeletal oncology, we have a strong relationship with the sarcoma program at the British Columbia Cancer Agency and participate in the program each week. Most patients are biopsied at the Vancouver General Hospital, and most staging imaging is also done at VGH. Also, a close working relationship exists with the division of palliative care at the BC Cancer Agency with a program for image-guided palliative care procedures performed at VGH.</p> <p>Sports Imaging and Orthopedics: The musculoskeletal radiology service has a close relationship with orthopedics and fellows are encouraged to attend orthopedics grand rounds. A large reconstructive joint program is based at Vancouver General Hospital, providing an opportunity for evaluation of prostheses as well as aspiration and injection of joints. Vancouver General Hospital is a Level 1 Trauma Centre with a large volume of orthopedic trauma and sports injury-related imaging. The MSK division also has a close relationship with sports medicine at UBCH with important volumes of sport-related injury MR imaging, DECT and US. MSK Fellows are encouraged to attend our Sport Medicine rounds at the Allen McGavin Center.</p> <p>Rheumatology and Metabolic Bone Disease: A strong relationship also exists between Musculoskeletal Radiology and Rheumatology. Our practice has a large rheumatological case volume with exposure to all imaging modalities including DECT for patients with Gout. Imaging of all rheumatological disorder including peripheral inflammatory arthritides and spondyloarthropathies as well as MR imaging of degenerative disc disease of the spine is common. We also are involved in imaging metabolic bone disorders such as Gaucher's disease. MSK Fellows are an integral part of the rheumatology rounds and clinical team.</p>



	<p>Research</p> <p>An opportunity for research and publication is provided. Some of the strongest areas of research and publication at VGH and UBCH are in Sport Imaging, MSK intervention and MSK applications of Dual Energy CT.</p>
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