



Danielle Whittier

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Date of birth: Millennial

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Studies: PhD, Biomedical Engineering

Specialization: Medical Imaging

Short bio:

Prior to graduate studies, I completed my Bachelor's degree in Engineering Physics at Queen's University, then worked as a management consultant (in oil & gas, mining, and manufacturing) for two years before returning to academics.

In 2016 I joined the Bone Imaging Lab at the University of Calgary and have since found a passion for research in bone & joint health. In particular, I have an interest in leveraging big data to improve patient-focused care. I believe insights from growing medical databases coupled with tools like machine learning can provide valuable insights to understand complex diseases like osteoporosis and arthritis.

In my spare time, I love to be in the mountains – especially going skiing, biking, climbing, or camping!

What do you expect from this training?

I hope to expand my understanding of bone diseases from a biological and clinical perspective to complement my expertise in medical imaging and bone mechanics.

In addition, I'd like to use this opportunity to build meaningful connections with international researchers in the field as I pursue a future post-doctoral position.

Bonus question: What motivates you to get out of bed in the morning?

Having fun! Both at work and in my spare time.