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Studies: PhD, Postdoc

Specialization: Bone vasculature,
micro-CT, osteoporosis

Short bio:

I have always had a fascination with the skeleton and musculoskeletal pathologies. I completed my PhD in September last year and am currently a postdoc at University of Southampton.

I did my PhD in Claire Clarkin's lab, focusing on sexually dimorphic effects of VEGF on bone development and mineralisation in mice. I used a variety of different techniques, including high-resolution micro-CT, histology, scanning electron microscopy and immunohistochemistry to define the bone phenotype in males and females, as well as additional in vitro techniques to investigate potential mechanisms involved.

I am now coming to the end of a short postdoc in collaboration with the Ministry of Defense, looking at the effect of exercise in male and female army recruits, on the bone vasculature. This has utilized the CT analysis skills that I gained in my PhD and fortunately, has been possible to do remotely over the last few months.

With my postdoc coming to an end after 6 months of funding, I am now looking for my next opportunity!

What do you expect from this training?

- To increase my knowledge in the bone field further.
- To ask questions, prompting debate and fresh ideas between researchers.
- To network with like-minded people.
- It has been a difficult time to have to hunt for jobs, with very few opportunities in the bone field. It would be great to discuss this with others.

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

A desire to improve!