

Graduate Training Opportunity – New species of *Trichinella* in the North

We seek a graduate student at the University of Saskatchewan for a research project on *Trichinella*, a food borne parasite important for wildlife and public health. Recent discovery of a new species of this nematode has raised questions about its wildlife hosts, geographic distribution, and biology, which will be addressed in this graduate student project.

The project will involve field work in the Canadian, and possibly circumpolar, North, traditional and molecular parasitological laboratory analyses, and experimental animal work. Operating costs (including funding to travel to and from the field) and partial graduate student stipend are secured through NSERC and ArcticNet NCE funding held by the supervisor, Dr. Emily Jenkins. Eligible students are encouraged to apply for stipend support through NSERC and other sources, including devolved funding for meritorious students irrespective of citizenship status.

The [Department of Veterinary Microbiology](#) conducts research and training in the area of infectious diseases at the interface of animal, human and environmental health. The department has a vibrant graduate studies program with approximately 30 MSc and PhD students actively engaged in research. In the past ten years more than 40 students have graduated from the program with PhD and more than 20 with MSc degrees. Our graduates now occupy academic and research positions in national and international universities, industry, and government.

At the heart of Saskatoon, on Treaty 6 territory and the homeland of the Métis, is the University of Saskatchewan (USask). USask is one of the top research-intensive, medical doctoral universities in Canada, and is home to world-leading research in areas of global importance, enhanced by our outstanding facilities, including the [Western College of Veterinary Medicine](#), [Canadian Light Source](#), [VIDO-InterVac](#), and the [Global Institute for Food Security](#).

Successful candidates will be motivated, capable of independent and team work in field and laboratory environments, and have demonstrated interests or experience in parasitology, wildlife, and/or arctic ecosystems. Selection of candidates will be based on academic criteria (minimum GPA of 80% using conversion to University of Saskatchewan equivalents), relevant interest or experience, references, and an interview (Skype or otherwise). A DVM is not required but would be an asset.

Interested candidates should email a cover letter, names of three references, curriculum vitae, and unofficial transcripts to: Emily.jenkins@usask.ca