



Master's student opportunity (Sept 2022 – August 2024)

UCVM is a dynamic veterinary faculty in Western Canada that is committed to strengthen the connections between animal health, public health, and the environment. UCVM faculty works across disciplines and Departments, fostering collaborative research, teaching and service. Descriptions of the Faculty and its departments can be found on the UCVM website (www.vet.ucalgary.ca).

This is an exciting project with the objective to study genetic parameters of female fertility traits in Canadian Angus cattle. This project is a collaborative project with the University of Calgary and the Canadian Angus Association. This position is a unique opportunity to work with real population data, learn how to build regression models, and work with industry on information dissemination while completing the thesis-based master's program at the University of Calgary, Faculty of Veterinary Medicine.

This is an excellent opportunity to undertake critical and novel research, and develop expertise in genetic modelling, big data analytics, and scientific communication. We are looking for a detail-oriented student to join our team full-time. You must enjoy working as part of a team, have accurate data entry skills, basic statistical analysis skills, be able to work independently, and have a valid driver's licence.

The goals of this two-year project are to investigate numerous female fertility indicator traits using data already measured and recorded by Canadian Angus members. The candidate should have an excellent academic record with strong interest in learning about big data handling, statistical analysis and regression modelling, the Canadian beef industry, genetic selection, and genetic selection tools, as well as scientific communication and technology transfer. The student will enroll in the thesis-based master's program at the University of Calgary, Faculty of Veterinary Medicine (<https://vet.ucalgary.ca/future-students/graduate-students>). The successful candidate will need to meet all the requirements of the program.

Interested candidates only if you are qualified to work in Canada and to enroll in the University of Calgary thesis-based master's program and should e-mail their CV to kdevani@cdnangus.ca or karin.orsel@ucalgary.ca.