

Canadian Angus Association

292140 Wagon Wheel Blvd • Rocky View County, AB T4A 0E2

Toll Free: 1-888-571-3580 • **Phone:** 403-571-3580

Fax: 403-571-3599 • **Email:** cdnangus@cdnangus.ca

www.cdnangus.ca

Unique research intern / graduate student opportunity (May 2022 – April 2024)

The Canadian Angus Association and University of Calgary are partnering on a project to estimate genetic parameters for female fertility traits in Canadian Angus cattle. This position is a unique opportunity to work with industry while completing the thesis-based master's program at the University of Calgary, Faculty of Veterinary Medicine.

Reports to: Successful candidate will be co-supervised by Canadian Angus Association Director of Science and Technology, Kajal Devani and University of Calgary Professor Karin Orsel.

Position Summary: 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 from May 1, 2022 to April 30, 2024. 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.

Working Conditions: 50% of the student's time will be spent at Angus Central, the Canadian Angus Association's national headquarters. Office hours are 7:30 a.m.–4:00 p.m. with a lunch break from 11:30–12:30 (work at home options are available during the COVID-19 pandemic). 50% of the student's time will be spent at the University of Calgary, Foothills Campus, attending required courses for the thesis-based master's project, team meetings, and journal clubs (online attendance during the COVID-19 pandemic). Graduate stipend is \$22,000 annually. University fees are the responsibility of the student.

Interested candidates, **only if you are qualified for to enroll in the University of Calgary thesis-based master's program**, should e-mail their CV to ayuen@cdnangus.ca by January 24th quoting "Research internship" in the subject line.

The Canadian Angus Association is Canada's largest purebred beef breed organization. The Association represents more than 2,000 members across Canada for the purposes of registering and recording the pedigrees of purebred Angus cattle in the closed Herdbook and promoting the breed across Canada. The member-approved mandate is to maintain breed registry, breed purity and provide services that enhance the growth and position of the Angus breed.

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).

