The Department of Animal Science and Aquaculture in the Dalhousie Faculty of Agriculture, Truro, invites applications from qualified candidates for a full-time, tenure stream faculty position at either the Assistant or Associate Professor level, depending on the candidate. Exceptional cases at the level of Professor will be considered.

Dalhousie University is comprised of 13 faculties with a current enrollment of 18,500 graduate and undergraduate students. It is the largest university in the Maritimes and a member of Canada’s U15 research-intensive university group. This position is located on the Agricultural Campus in the town of Truro, a thriving social and business community that is home to approximately 45,000 residents which offers excellent schooling, affordable living and a convenient location accessible to Halifax as well as Nova Scotia’s oceanic and boreal nature areas.

The dairy industry is one of the largest agricultural contributors to the Atlantic region’s GDP and therefore an important stakeholder to the Faculty of Agriculture, Dalhousie University. The incumbent for this position will conduct research on improving the sustainability and resilience of the dairy farming with a specific focus on the Atlantic region, helping to capitalize on regional eco-environmental advantages like forage-based nutrition while mitigating risks from external threats like climate change.

This one of three new faculty positions (immunology, welfare physiology, dairy systems) facilitating the development of cross-disciplinary teams to address the three pillars of the department research strategy: Building sustainability and resiliency, conscientious animal care, and identification of bioactives to support animal health.

The successful candidate must have a PhD, qualify as a professional agrologist in Canada, and must demonstrate:

- A plan for outstanding novel research in dairy science in a field of study relevant to sustainability and resiliency of Atlantic dairy farming, consistent with the Department’s strategic research plan
- Effective specific research capabilities such as the ability to employ life cycle assessment, modelling, and/or statistical methods such as meta-analysis, with the potential to fit synergistically into an emerging research focus area of dairy system sustainability and resilience.
- A solid understanding of the multiple facets of successful dairy farming including health, reproduction and nutrition strategies that contribute to high production of quality milk while maximizing farm profitability and reducing negative environmental impact.
- An excellent scientific publication record
- Ability to secure extramural research funding, including national tri-council funding
- Potential for excellence in undergraduate and graduate teaching in areas that complement our teaching program; and excellent oral and written communication skills.
- Evidence of multidisciplinary activity and the ability to collaborate and network with regional, national and international academic and industry partners

The successful candidate will be required to teach undergraduate students as well as mentor and train graduate students. The teaching assignment will include dairy production and reflect the expertise of the successful candidate within the needs of the Department. Service responsibilities include development of good working relationships with appropriate commodity and community groups, industry and government. The candidate is expected to maintain professional membership in the Nova Scotia Institute of Agrologists and become an active, engaged member of the Department, Faculty and University. Activities at local, national and international levels are expected to promote continuous improvement in research, teaching and learning at Dalhousie.
The Department of Animal Science and Aquaculture is home to over half of the Faculty of Agriculture’s students and offers technical, undergraduate and graduate programs in Animal Science and Bioveterinary Science, an Animal Welfare Certificate, Veterinary Technology and Aquaculture. The incumbent will have access to quality research facilities to support dairy sustainability research including laboratory facilities, a herd of 40 lactating dairy cows on campus, along with a sheep unit and small animal holding facility.

**Applicants must submit a cover letter stating qualifications and experience, a Curriculum Vitae, including a list of publications and major projects, a statement of teaching experience and interests, and copies of teaching evaluations, if available. Applicants must also submit a 5-year research program plan that is original and innovative with clear objectives, provides for quality HQP training, describes methodological approaches including partnerships or collaborations, fits within departmental strategic pillars and addresses how proposed activities will be funded.**

**Applicants must also submit a completed Self-Identification Questionnaire available online at www.dal.ca/becounted/selfid. The names and contact information of three referees will be required prior to any position offer. Please send the application package by e-mail to: Donna Jamieson, Dalhousie Agricultural Campus, Animal Science and Aquaculture Department donna.jamieson@dal.ca.**

**Please include Search #3349 in your cover letter.**

**Review of applications will begin November 9, 2018.**

**For further information regarding this position contact:** Dr. Leslie MacLaren, Chair of Selection Committee, Department of Animal Science and Aquaculture Department, 58 Sipu Road, P.O. Box 550, Truro, N.S., B2N 5E3, Canada. Phone: (902)893-6645; email: leslie.maclaren@dal.ca

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All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.