



Université
de Montréal

CENTRE HOSPITALIER
UNIVERSITAIRE VÉTÉRIINAIRE
Faculté de médecine vétérinaire

GRUPE DE RECHERCHE
EN SANTÉ BOVINE



MSc & PhD Research Positions

Bovine Respiratory Disease (BRD) — Diagnosis & Field Epidemiology



Figure generated with ChatGPT

We are recruiting motivated graduate students to join a multidisciplinary research team working on the diagnosis of clinical and subclinical pneumonia in calves — with direct applications in dairy and veal farms.

Our group combines veterinary clinical expertise, field epidemiology, and use of advanced diagnostic methods to improve calf health and welfare.

About the Research Group

We are a dynamic and internationally recognized team of researchers, veterinary clinicians, and graduate students at the Université de Montréal (Faculty of Veterinary Medicine), dedicated to improve calf health through evidence-based diagnostics. Our work spans clinical trials, field studies, and the development of practical tools for on-farm disease detection. We are located at St-Hyacinthe campus (60km from Montreal) close to many farms.

Available Projects

Funded positions are available at both the MSc and PhD levels for projects on:

- Diagnosis of clinical and subclinical bovine respiratory disease (BRD) in calves
- Development and validation of on-farm diagnostic tests for dairy and veal operations
- Evaluation of diagnostic test accuracy and clinical decision thresholds
- Prognostic factors of clinical and subclinical BRD

Ideal Candidate Profile

Are you the right fit? We are looking for candidates who:

- Have a genuine interest in calves, bovine medicine, and diagnostic tests applicable to dairy and veal farm settings
- Hold a DVM degree or a BSc/MSc in a relevant life science discipline



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- Are comfortable working in a French-speaking environment and are willing to progressively develop French communication skills
- Show motivation for quantitative methods learning: basic statistical analysis and diagnostic test evaluation (training provided)
- Are autonomous, rigorous, and enjoy teamwork in a collegial, supportive research environment

What We Offer

MSc Position	PhD Position
Competitive stipend 2-year funded project Mentorship & skills training Personalized support	Competitive stipend 3 to 4-year funded project Mentorship & skills training Personalized support

You will participate to clinical data collection, calves' follow-up, ancillary tests realization as well as analysis of the obtained results.

How to Apply

Interested candidates are invited to contact **Dr. Sébastien Buczinski** directly. Please include the following documents in your initial application package:

- A cover letter describing your motivation and relevant experience
- A complete CV (including academic transcripts if available)
- Names and contact details of two references

Contact

Dr. Sébastien Buczinski, DMV, DÉS, MSc, DACVIM

Professor, Département de sciences cliniques

Faculté de médecine vétérinaire — Université de Montréal

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We encourage applications from candidates of all backgrounds. We are committed to equity, diversity, and inclusion in our research environment.