

PhD Position – Rimouski Campus

Project title

Economic evaluation of dairy calf health at the herd level using a cost-effectiveness analysis

Project description

Health losses associated with the occurrence of diseases and early mortality in calves represent a constant challenge on dairy farms. In addition, the responsible and efficient use of medications, particularly antibiotics, is an increasing priority in animal production. Given these challenges, the present project aims to conduct an economic analysis of dairy calf health at the herd level using a cost-effectiveness approach. This type of analysis will be useful for producers and veterinarians in the economic management of dairy calf health and will help evaluate the effectiveness of practices implemented on farms.

Main responsibilities

- Literature review
 - Communication with producers and project partners
 - Farm visits and data collection
 - Data organization and analysis
 - Scientific presentations at national and international conferences
 - Writing of reports, scientific articles, and outreach materials
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Work location

Faculty of Veterinary Medicine, Université de Montréal

Rimouski Campus, Québec, Canada

Université de Montréal offers a stimulating academic environment conducive to high-quality research. The Rimouski campus, located on the shores of the St. Lawrence River in the Bas-Saint-Laurent region, stands out for its close connection to nature and an environment that promotes a high quality of life.

Candidate profile

- Bachelor's and master's degree in veterinary medicine or another discipline relevant to the project
- Basic knowledge of statistics and epidemiology
- Experience with R
- Strong interest in ruminant health and health economics
- Languages: English or French (or an interest in learning French).

We are seeking a motivated candidate who wishes to develop as a researcher, with a focus on autonomy, scientific communication, and high-quality scientific output.

International applications are welcome.

Funding

- Annual funding: CAD \$30,000 per year for three years
 - Opportunity to apply for additional scholarships
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Application process

Please send your application by email to:

jean.silva.ramos@umontreal.ca

Required documents:

- Curriculum vitae
 - Cover letter
 - Academic transcripts
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Supervision

Supervisor: Dr. Jean Silva Ramos, DVM, MSc, PhD

Assistant Professor, Rimouski Campus

Co-supervisor: Dr. Hélène Lardé, DVM, MSc, PhD

Assistant Professor, Rimouski Campus

Start date

September 2026 (flexible)