

José Denis-Robichaud

DVM MSc PhD Dipl. ACVPM

Assistant professor

Faculté de médecine vétérinaire, Université de Montréal

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Summary

Dr. Denis-Robichaud is a professor of veterinary livestock management at the Faculté de médecine vétérinaire of the Université de Montréal (Rimouski campus). A trained veterinarian and veterinary epidemiologist, she is also a diplomate of the American College of Veterinary Preventive Medicine. Through her research and teaching, she explores the intersection of technological, societal, environmental, and climatic challenges in dairy production to promote sustainability and resilience. Grounded in epidemiological methods, her work focuses on developing knowledge and tools related to technological innovation, management practices, and interdisciplinary collaboration to optimize the health of animals, producers, consumers, and the environment.

Qualifications

- **Veterinary preventive medicine**
- **Animal health**
- **Epidemiology**
- **One Health**
- **Methodology and biostatistics**
- **Public health**

Education

2021 – Present **Diplomate of the American College of Veterinary Preventive Medicine**

2013 – 2017 **Doctor of Philosophy (Ph.D.)**, Population Medicine
University of Guelph, Canada

2011 – 2013 **Master of Science (M.Sc.)**, Veterinary Sciences
Université de Montréal, Canada

2006 – 2011 **Doctor of veterinary medicine (DVM)**
Université de Montréal, Canada

Professional experience

2025 – Present **Assistant Professor**, Université de Montréal

- Lead and contribute to research projects in dairy production and preventive veterinary medicine
- Teach core courses to first- and second-year veterinary students

2017 – Present

Consultant Epidemiology and Preventive Veterinary Medicine

- Design, analyze, interpret, and publish research in collaboration with stakeholders in animal science, public health, and *One Health*
- Develop and deliver online continuing education courses for veterinarians and animal scientists
- Study and communicate emerging trends and challenges in the dairy sector to both professionals and the general public

2020 – 2024

Postdoctoral research fellowship (part-time), University of British Columbia

Project: *Integrating genomic approaches to improve dairy cattle resilience*
Supervisor: Dr. Ronaldo Cerri

2021 – 2022

Research advisor (part-time), Université de Montréal

Project: *Improving Early Warning of Emerging Threats*
Supervisors: Dr. Hélène Carabin and Dr. Christina Zarowski

2011 – 2013

Veterinary clinician (part-time), Bovine Field Services Clinic, Université de Montréal

Supervisor: Dr. Luc DesCôteaux

Publications (*selection – a complete list is available on my website*)

- Denis-Robichaud, J., I. Nicola, H. Chupin, J.-P. Roy, S. Buczinski, V. Fauteux, N. Picard-Hagen, and J. Dubuc. *Nonesterified fatty acids during the dry-off period and their association with peripartum diseases in dairy cows*. JDS Communications. *In press.* <https://doi.org/10.3168/jdsc.2025-0784>.
- Marques, J., T. Burnett, J. Denis-Robichaud, A. Madureira, W. Gomes, A. Bega, A. Moore, R. Conceicao, S. Moore, and R. Cerri. *Tail chalk improved detection of true estrous alerts from an automated activity monitor system in a cohort study*. Theriogenology. *In press.* <https://doi.org/10.1016/j.theriogenology.2025.117596>.
- Denis-Robichaud, J., N. Barbeau-Grégoire, M.-L. Gauthier, S. Dufour, J.-P. Roy, S. Buczinski, and J. Dubuc. 2025. *Validity of purulent vaginal discharge, esterase, luminometry, and bacteriological tests for diagnosing uterine infection in dairy cows*. Preventive Veterinary Medicine. 239:106521.
<https://doi.org/10.1016/j.prevetmed.2025.106521>.
- Denis-Robichaud, J., E.E. Rees, P. Daley, C. Zarowsky, A. Diouf, B.R. Nasri, S. de Montigny, and H. Carabin. 2024. *Linking opinions shared on social media about COVID-19 public health measures to adherence: repeated cross-sectional surveys of Twitter use in Canada*. Journal of Medical Internet Research. 26:e51325.
<https://doi.org/10.2196/51325>.
- Denis-Robichaud, J., S. Hindmarch, N. N. Nswal, J.-C. Mutabazi, M. D'Astous, M. Gangbè, A. Osborn, C. Zarowsky, E. E. Rees, and H. Carabin. 2024. *One Health communication channels: a qualitative case study of swine influenza in Canada in 2020*. BMC Public Health. 24:964. <https://doi.org/10.1186/s12889-024-18460-7>.

Conferences and presentations (*selection*)

- Dubuc, J., J. C. Arango-Sabogal, V. Fauteux, J. Denis-Robichaud, and S. Buczinski. 2025. *Diagnosing and treating reproductive tract diseases in dairy cows of 100 days in milk or more*. European Buiatric Conference. Nantes, France. Poster.
- Denis-Robichaud, J. [One Health Communication Channels: A Qualitative Case Study of Swine Influenza in Canada](#). 2024. Global One Health Network webinar.
- Denis-Robichaud, J., J. Niu, E.E. Rees, and H. Carabin. 'Vive les masques' ou 'à bas les masques' ? Quand un algorithme a du mal à classer les sentiments. Xème Congrès International d'Épidémiologie EPITER-ADEL'F 2024. Limoge, France. Journal of Epidemiology and Population Health. 72(Suppl.3): 202572.
<https://doi.org/10.1016/j.jeph.2024.202572>.
- Denis-Robichaud, J., A.P. Oliveira, M.H.C. Pereira, K.G. Pohler, R.L.A. Cerri, and J.L.M. Vasconcelos. *How long is the estrous cycle of dairy cows?* American Dairy Science Association Joint Annual Meeting 2023. Ottawa, Canada.
- Denis-Robichaud, J., M.-E. Tremblay Cléroux, S. Buczinski, M.-L. Gauthier, J. Dubuc, and D. Francoz. *Prevalence of respiratory pathogens and diseases in dairy heifers at two different moments in their preweaning period*. The American Association of Bovine Practitioners Conference 2021. Salt Lake City, US.

Media presence

2018 – Present	Kitesurfer, photographer and videographer <i>Find more on my social media platforms</i>
2020 – 2025	Interviewer for dairy farming-related podcasts (français) <u>Dairy Farmers of Canada</u>

Community involvement

2022 – Present	Membership and Outreach Committee member American College of Veterinary Preventive Medicine
2024 – Present	Safety committee member Hang Gliding and Paragliding Association of Canada
2022 – 2024	Veterinary Advisory Council Member Veterinarian Without Borders – Canada
2018 – 2020	In-country volunteer (Hanoi – Vietnam, and Mbarara – Uganda) Veterinarian Without Borders – Canada