

# José Denis-Robichaud

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## Professional summary

Dr. Denis-Robichaud is a veterinary epidemiologist working as an independent researcher. She is a diplomate of the American College of Veterinary Preventive Medicine ([ACVPM](#)), and an associate member of the GREZOSP ([Groupe de Recherche en Épidémiologie des Zoonoses et Santé Publique](#)). She collaborates with multiple research groups with the ultimate goal to integrate the One Health concepts into diverse contexts, from population animal health to public health. She also works as a post-doctorate research fellow and mentors graduate and undergraduate students at the University of British Columbia, and she volunteers for [Veterinarians Without Borders](#).

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## Education and qualifications

### I. Academic background

**Doctor of Philosophy (Ph.D.),** Population Medicine  
University of Guelph

**Master of Science (M.Sc.),** Veterinary Sciences  
Université de Montréal

**Doctor of veterinary medicine (DVM)**  
Université de Montréal

### II. Professional development

#### *Specialty certification*

**Diplomate of the American College of Veterinary Preventive Medicine ([ACVPM](#))**

#### *Continuing education*

**Bayesian Latent Class Analyses – 2023**  
Instructor: Simon Dufour; [Université de Montréal](#)

**Introduction to Bayesian Networks – 2022**

Instructor: Owen Woodberry; [Bayesian Intelligence Pty Ltd](#)

**Instructional Skills Workshop – 2021**

Course leaders: Natalie Westwood and Andrea Johnson; Centre for the Integration of Research, Teaching, and Learning ([CIRTL](#)), University of British Columbia

**Online [Prep ACVPM](#) Course – 2021**

Course leaders: Danelle Bickett-Weddle and Glenda Dvorak; Iowa State University

**Core Skills Training** (Git, Github, Jekyll, Docker, Markdown/Asciidoc) – 2021

University of British Columbia [Library Research Commons](#)

**Bayesian Latent Class Modelling in Animal Health – 2016**

Instructors: Wes Johnson, Ian Gardner, and Henrik Stryhn; [Epi on the Island](#)

**Introduction to Multilevel Modelling – 2016**

Instructors: Ian Dohoo, Henrik Stryhn, and Javier Sanchez; [Epi on the Island](#)

**III. Language skills**

- French: native language
- English: advanced
- Dutch: novice

## Professional experience

**I. Consulting**

**Founder and principal consultant – 2017 to now**

Veterinary preventive medicine and epidemiology consulting

Responsibilities include:

- To develop, analyze, interpret, and publish research projects with major stakeholders in animal science, public health, and One Health.
- To design and create online courses for continuing education of veterinarians and animal scientists.
- To interview researchers, farmers, and other stakeholders for communicating changes and challenges to the dairy industry and the public.

**II. Research**

**Postdoctoral research fellowship**, University of British Columbia (part-time) – 2020 to 2024

Project: *Integrating genomic approaches to improve dairy cattle resilience*

Supervisor: Dr. Ronaldo Cerri

**Research advisor**, Université de Montréal (part-time) – 2021 to 2022

Project: *Improving Early Warning of Emerging Threats*

Supervisors: Dr. Hélène Carabin and Dr. Christina Zarowski

### III. Clinical position

#### Veterinary clinician (part-time) – 2011 to 2013

Ruminant Ambulatory Clinic, Université de Montréal

Supervisor: Dr. Luc DesCôteaux

## Research activities

### I. Current projects

Period	Client	Title and collaborators	Role
2022 – 2024	Université de Montréal	<i>Accuracy of luminometry to detect infection in dairy cattle</i> PI: Dr. Jocelyn Dubuc	Consultant
2022 – 2024	Université de Montréal	<i>Herd-level metabolites associated with poor health and performance</i> PI: Dr. Jocelyn Dubuc	Consultant
2024	Fédération des Producteurs d’Oeufs du Québec	<i>Revue de littérature et évaluation de l’échantillonnage pour la surveillance de Salmonella Enteritidis dans les troupeaux québécois de poules pondeuses</i>	Consultant
2024	Portland Veterinary Emergency and Specialty Care	<i>Effect of lavage temperature on blood pressure and dynamic preload</i>	Consultant
2024	Gestion ENC & Antech Imaging Service	<i>Effect of acquisition time on the characterization of gadolinium-enhanced brain lesions</i>	Consultant

### II. Previous projects

Period	Client	Title and collaborators	Role
2020 – 2024	University of British Columbia	<i>Integrating genomic approaches to improve dairy cattle resilience: A comprehensive goal to enhance Canadian dairy industry sustainability</i> MPI: Dr. Ronaldo Cerri, Dr. Christine Baes, Dr. Marc-André Sirard, and Dr. Paul Stothard	Postdoctoral researcher

Period	Client	Title and collaborators	Role
2023 – 2024	Public Health Agency of Canada	<i>Social media as a Public Health tools – part 2</i> PI: Dr. Erin Reese	Consultant
2023 – 2024	Fédération des Producteurs d’Oeufs du Québec	<i>Évaluation de la vitamine D dans les Oeufs produits au Québec, Canada</i>	Consultant
2023	Université de Montréal	<i>Infection of domestic cats with SARS-CoV-2 in households with a recent human COVID-19 case</i> MPI: Dr. Cécile Aenishaenslin	Consultant
2022 – 2023	Université de Montréal	<i>Communication channel in a zoonotic event of swine influenza in Canada</i> MPI: Dr. Hélène Carabin, Dr. Erin Reese, Dr. Christina Zarowski, and Dr. Suzanne Hindmarch	Consultant
2022 – 2023	Université de Montréal (ESPUM)	<i>Social media as a Public Health tools</i> MPI: Dr. Simon de Montigny, Dr. Erin Reese, and Dr. Hélène Carabin	Consultant
2022 – 2023	Université de Montréal	<i>Mental health of COVID-19 on animal health workers</i> PI: Dr. Cécile Aenishaenslin	Consultant
2022 – 2023	Équipe québécoise de contrôle des maladies avicoles	<i>Détection précoce du virus de la bronchite infectieuse dans les troupeaux de poules pondeuses au Québec</i> PI : Dr. Martine Boulianne	Consultant
2022	Fédération des producteurs d’œufs du Québec	<i>Utilisation de litière recyclée dans les troupeaux de poulets de chair</i> PI : Dr. Martine Boulianne	Consultant
2021 – 2022	Université de Montréal	<i>Improving Early Warning of Emerging Threats</i> MPI: Dr. Hélène Carabin, Dr. Erin Reese, Dr. Christina Zarowski, and Dr. Suzanne Hindmarch	Research advisor
2020 – 2022	Université de Montréal	<i>Evaluation of One Health agreements for infectious diseases and antimicrobial</i>	Consultant

Period	Client	Title and collaborators	Role
		<i>resistance within governance settings</i> PA: Dr. Hélène Carabin	
2020 – 2022	Université de Montréal	<i>Impact of pet ownership on mental health and well-being during the COVID-19 pandemic</i> PI: Dr. Hélène Carabin	Consultant
2020	Clinique Vétérinaire de Coaticook	<i>Oral calcium and calcemia in dairy cows</i> PI: Dr. Vincent Caldwell	Consultant
2019 – 2022	Université de Montréal	<i>Methods used by Canadian dairy farmers and veterinarians and the psychological impact of on-farm euthanasia</i> PI: Dr. Luc DesCôteaux	Consultant
2019 – 2021	Université de Montréal	<i>Evolution of the proportion of respiratory and enteric pathogens and diseases in dairy heifers</i> PI: Dr. David Francoz	Consultant
2019	Intervet Canada	<i>Vaccination schedules for dairy calves in a commercial setting</i> PI: Dr. Guy Boisclair	Consultant
2018 – 2022	Université de Montréal	<i>Impact of insulin combined to propylene glycol as treatment for cows with hyperketonemia and hypoglycemia</i> PI: Dr. Jocelyn Dubuc	Consultant
2018 – 2021	Université de Montréal	<i>Pegbovigrastim as an adjunct therapy for naturally occurring severe clinical mastitis cases in dairy cows</i> PI: Dr. Jocelyn Dubuc	Consultant
2018 – 2020	Center for Public Health and Ecosystem Research	<i>Microbial contamination and associated risk factors in retailed pork from key value chains in Northern Vietnam</i> PI: Dr. Fred Unger	Volunteer

Period	Client	Title and collaborators	Role
2017 – 2020	University of Guelph	<i>Canadian National Dairy Study: Biosecurity</i> PI: Dr. David Kelton	Consultant
2017 – 2020	University of Guelph	<i>Canadian National Dairy Study: Lameness</i> PI: Dr. David Kelton	Consultant
2017 – 2019	Advanced Animal Diagnostics	<i>Milk leukocyte differential test for decision-making in a selective dry cow therapy program</i> PI: Dr. Mitchell Hockett	Consultant
2011 – 2019	Université de Montréal	<i>Intrauterine Escherichia coli virulence genes and subsequent reproductive tract disease in postpartum dairy cows</i> PI: Dr. Jocelyn Dubuc	Student and consultant

### III. Publications and presentations

#### *Peer-reviewed journals*

1. 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. *In press*. <https://doi.org/10.2196/51325>.
2. Denis-Robichaud, J., N. Barbeau-Grégoire, M.-L. Gauthier, S. Dufour, J.-P. Roy, S. Buczinski, and J. Dubuc. 2024. *Validity of luminometry and bacteriological tests for diagnosing intramammary infection at dry-off in dairy cows*. Journal of Dairy Science. *In press*. <https://doi.org/10.3168/jds.2024-24693>.
3. 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>.
4. Denis-Robichaud, J., A. P. Oliveira, A. Sica, S. Soriano, R. Araujo, M. Pereira, K. Pohler, R. Cerri, and J. Vasconcelos. 2024. *Is prolonged luteal phase a problem in lactating Holstein cows?* Journal of Dairy Science. *In press*. <https://doi.org/10.3168/jds.2024-24792>.
5. Denis-Robichaud, J., I. Nicola, H. Chupin, J.-P. Roy, S. Buczinski, V. Fauteux, N. Picard-Hagen, R. Cue, and J. Dubuc. 2024. *Herd-level associations between the proportion of elevated prepartum non-esterified fatty acid concentrations and postpartum diseases, reproduction, or culling on dairy farms*. JDS Communication. 5:210-214. <https://doi.org/10.3168/jdsc.2023-0510>.

6. Daigle, L., H. Khalid, C. A. Gagnon, J. Arsenault, D. Bienzle, S.-K. Bisson, M.-C. Blais, J. Denis-Robichaud, C. Forest, V. Grenier St-Sauveur, M. Koszegi, J. MacNicol, N. Nantel-Fortier, C. Nury, N. Prystajecky, E. Fraser, H. Carabin, and C. Aenishaenslin. 2024. *High prevalence of SARS-CoV-2 antibodies and low prevalence of SARS-CoV-2 RNA in cats recently exposed to human cases*. BMC Veterinary Research. *In press*.
7. Marques, J., T. Burnett, J. Denis-Robichaud, A. Madureira, and R. Cerri. 2024. *Validation of a leg-mounted pedometer for the measurement of steps in lactating Holstein cows*. JDS Communication – Technical note. 5:67-71. <https://doi.org/10.3168/jdsc.2023-0403>.
8. Denis-Robichaud, J., N. Millar, V. Hongoh, H. Carabin, L. Richard, and C. Aenishaenslin. 2023. *Professional characteristics, attitudes, and practices associated with stress and quality of life of Canadian animal health workers*. Canadian Veterinary Journal. 64:854-863. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10426241/>.
9. Denis-Robichaud, J., M. Rousseau, M. Denicourt, M. Villettaz-Robichaud, A.-M. Lamothe, and L. DesCoteaux. 2023. *Methods used by Canadian dairy farmers for on-farm euthanasia and the emotions associated with the decision and the practice of euthanasia*. Journal of Dairy Science. 106:1301-1314. <https://doi.org/10.3168/jds.2022-21986>.
10. Marques, J., J. De Oliveira Maciel, J. Denis-Robichaud, R. Conceicao, A. Bega, S. Moore, M.-A. Sirard, C. Baes, and R. Cerri. 2023. *The effect of progesterone concentrations during superovulation of Holstein heifers in a randomized trial*. Journal of Dairy Science. 106:9677-9690. <https://doi.org/10.3168/jds.2022-23065>.
11. Xenakis, N., S. Dubois, J. Denis-Robichaud, and R. Cerri. 2023. *Pigeons in urban landscapes: Population control using OvoControl®P at TransLink SkyTrain stations*. Canadian Wildlife Biology & Management. 12:1-12.
12. Denis-Robichaud, J., S. Buczinski, V. Fauteux, and J. Dubuc. 2022. *Randomized controlled trial assessing the impact of a combined treatment of insulin glargine and propylene glycol on the resolution of hyperketonemia and milk production in postpartum dairy cows*. JDS Communication. 3:348-352. <https://doi.org/10.3168/jdsc.2022-0228>.
13. Denis-Robichaud, J., A.C.C. Fernandes, J.E.P. Santos, and R.L.A. Cerri. 2022. *Circulating progesterone at insemination and accessory spermatozoa are associated with fertilization and embryo quality five or six days post insemination in dairy cattle*. Theriogenology. 189:64-69. <https://doi.org/10.1016/j.theriogenology.2022.04.018>.
14. Denis-Robichaud, J., C. Aenishaenslin, L. Richard, M. Desmarchelier, and H. Carabin. 2022. *Association between pet ownership and mental health and well-being of Canadians assessed in a cross-sectional study during the COVID-19 pandemic*. International Journal of Environmental Research and Public Health. 19:2215. <https://doi.org/10.3390/ijerph19042215>.
15. Delesalle, L., M.L. Sadoine, S. Mediouni, J. Denis-Robichaud, K. Zinszer, C. Zarowsky, C. Aenishaenslin, and H. Carabin. 2022. *How are large-scale One Health initiatives targeting infectious diseases and antimicrobial resistance evaluated? A scoping review*. One Health. 14:100380. <https://doi.org/10.1016/j.onehlt.2022.100380>.
16. Madureira, A.M.L., J. Denis-Robichaud, T.G. Guida, R.L.A. Cerri, and J.L.M. Vasconcelos. 2022. *Association between genomic daughter pregnancy rates and reproductive parameters in Holstein dairy cattle*. Journal of Dairy Science. 105:5534-5543. <https://doi.org/10.3168/jds.2021-21766>.



17. Denis-Robichaud, J., M.-E. Tremblay Clérout, S. Buczinski, M.-L. Gauthier, J. Dubuc, and D. Francoz. 2021. *Assessment of the evolution of the proportion of respiratory and enteric pathogens and diseases in pre-weaned unvaccinated dairy heifers from Québec, Canada*. The Bovine Practitioner. 55:140-152. <https://doi.org/10.21423/bovine-vol55no2p140-152>.
18. Denis-Robichaud, J., M. Christophe, J.-P. Roy, S. Buczinski, M. Rousseau, M. Villettaz Robichaud, and J. Dubuc. 2021. *Randomized controlled trial of pegbovigrastim as an adjunct therapy for naturally occurring severe clinical mastitis cases in dairy cows*. JDS Communication. 2:398-402. <https://doi.org/10.3168/jdsc.2021-0137>.
19. Tuan Ngo, H.H., L. Nguyen-Thanh, P. Pham-Duc, S. Dang-Xuan, H. Le-Thi, J. Denis-Robichaud, H. Nguyen-Viet, T. Le-Thi Huyen, D. Randolph, and F. Unger. 2021. *Microbial contamination and associated risk factors in retailed pork from key value chains in Northern Vietnam*. International Journal of Food Microbiology. 346:109163. <https://doi.org/10.1016/j.ijfoodmicro.2021.109163>.
20. Turcotte, M.E., J. Denis-Robichaud, J. Dubuc, J. Harel, D. Tremblay, C.A. Gagnon, and J. Arsenault. 2021. *Prevalence of shedding and antibody to Coxiella burnetii in post-partum dairy cows and its association with reproductive tract diseases and performance: a pilot study*. Preventive Veterinary Medicine. 186:105231. <https://doi.org/10.1016/j.prevetmed.2020.105231>.
21. Nadalin, A., J. Denis-Robichaud, A.M.L. Madureira, T.A. Burnett, J. Bauer, J.L.M. Vasconcelos, K.G. Pohler, A.M. Crespilho, and R.L.A. Cerri. 2021. *Validation of an in-house bovine serum enzyme immunoassay for progesterone measurement*. Journal of Dairy Science. 104:2455-2462. <https://doi.org/10.3168/jds.2020-18824>.
22. Cerri, R.L.A., T.A. Burnett, A.M.L. Madureira, B.F. Silper, J. Denis-Robichaud, S. LeBlanc, R.F. Cooke, and J.L.M. Vasconcelos. 2021. *Symposium review: Linking activity-sensor data and physiology to improve dairy cow fertility*. Journal of Dairy Science. 104:1220-1231. <https://doi.org/10.3168/jds.2019-17893>.
23. Denis-Robichaud, J., D. Kelton, V. Fauteux, M. Villettaz-Robichaud, and J. Dubuc. 2020. *Accuracy of estimation of lameness, injury, and cleanliness prevalence by dairy farmers and veterinarians*. Journal of Dairy Science. 103:10696-10702. <https://doi.org/10.3168/jds.2020-18651>.
24. Denis-Robichaud, J., D. Kelton, C. Bauman, H. Barkema, G. Keefe, and J. Dubuc. 2020. *Gap between producers and veterinarians regarding biosecurity on Québec dairy farms*. The Canadian Veterinary Journal. 61:757-762. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7296865/>.
25. Denis-Robichaud, J., R. A. Almeida, S. Ivey, R. R. Rodriguez, M. Payne, K. E. Leslie, M. E. Hockett. 2019. *Performance of a milk leukocyte differential test for decision-making in a selective dry cow therapy program*. The Bovine Practitioner. 53:150-159. <https://doi.org/10.21423/bovine-vol53no2p150-159>.
26. Denis-Robichaud, J., D. Kelton, C. Bauman, H. Barkema, G. Keefe, and J. Dubuc. 2019. *Canadian dairy farmers' perception of the efficacy of biosecurity practices*. Journal of Dairy Science. 102:10657-10669. <https://doi.org/10.3168/jds.2019-16312>.
27. Denis-Robichaud, J., D. Kelton, C. Bauman, H. Barkema, G. Keefe, and J. Dubuc. 2019. *Biosecurity and herd health management practices on Canadian dairy farms*. Journal of Dairy Science. 102:9536-9547. <https://doi.org/10.3168/jds.2018-1592>.

28. Denis-Robichaud, J., J.M. Fairbrother, F. Ndongo Kassé, and J. Dubuc. 2019. *Association between the presence of intrauterine escherichia coli virulence genes and subsequent reproductive tract disease in postpartum dairy cows*. Concepts of Dairy and Veterinary Sciences. 2:195-201.  
<https://doi.org/10.32474/CDVS.2019.02.000140>.
29. Arango-Sabogal, J.C., J. Dubuc, C. Krug, J. Denis-Robichaud, and S. Dufour. 2019. *Accuracy of leukocyte esterase test, endometrial cytology and vaginal T discharge score for diagnosing postpartum reproductive tract health status in dairy cows at the moment of sampling, using a latent class model fit within a Bayesian framework*. Preventive Veterinary Medicine. 162:1-10.  
<https://doi.org/10.1016/j.prevetmed.2018.11.003>.
30. Denis-Robichaud, J., S. LeBlanc, A. Jones-Bitton, B.F. Silper, and R.L.A. Cerri. 2018. *Pilot Study to Evaluate the Association Between the Length of the Luteal Phase and Estrous Activity Detected by Automated Activity Monitoring in Dairy Cows*. Frontiers in Veterinary Science. 5:210.  
<https://doi.org/10.3389/fvets.2018.00210>.
31. Denis-Robichaud, J., R.L.A. Cerri, A. Jones-Bitton, and S. LeBlanc. 2018. *Dairy producers' attitudes toward reproductive management and performance on Canadian dairy farms*. Journal of Dairy Science. 101:850-860. <https://doi.org/10.3168/jds.2016-12416>.
32. Denis-Robichaud, J., R.L.A. Cerri, A. Jones-Bitton, and S. LeBlanc. 2018. *Performance of automated activity monitoring systems used in combination with timed artificial insemination compared to timed artificial insemination only in early lactation in dairy cows*. Journal of Dairy Science. 101:624-636.  
<https://doi.org/10.3168/jds.2016-12256>.
33. Genís, S., R.L.A. Cerri, À. Bach, B.F. Silper, M. Baylão, J. Denis-Robichaud, and A. Arís. 2018. *Pre-calving intravaginal administration of lactic acid bacteria reduces metritis prevalence and regulates blood neutrophil gene expression after calving in dairy cattle*. Frontiers in Veterinary Science. 5:135.  
<https://doi.org/10.3389/fvets.2018.00135>.
34. Dubuc, J. and J. Denis-Robichaud. 2017. *A dairy herd-level study of postpartum diseases and their association with reproductive performance and culling*. Journal of Dairy Science. 100:3068-3078.  
<https://doi.org/10.3168/jds.2016-12144>.
35. Denis-Robichaud, J., R.L.A. Cerri, A. Jones-Bitton, and S. LeBlanc. 2016. *Survey of reproduction management on Canadian dairy farms*. Journal of Dairy Science. 99:9339-9351.  
<https://doi.org/10.3168/jds.2016-11445>.
36. Denis-Robichaud, J. and J. Dubuc. 2015. *Randomized clinical trial of intrauterine cephalixin infusion in dairy cows for the treatment of purulent vaginal discharge and cytological endometritis*. Journal of Dairy Science. 98:6856-6864. <https://doi.org/10.3168/jds.2014-9129>.
37. Denis-Robichaud, J. and J. Dubuc. 2015. *Determination of optimal diagnostic criteria for purulent vaginal discharge and cytological endometritis in dairy cows*. Journal of Dairy Science. 98:6848-6855.  
<https://doi.org/10.3168/jds.2014-9120>.
38. Denis-Robichaud, J., J. Dubuc, D. Lefebvre, and L. DesCoteaux. 2014. *Accuracy of milk ketone bodies from flow-injection analysis for the diagnosis of hyperketonemia in dairy cows*. Journal of Dairy Science. 97:3364-3370. <https://doi.org/10.3168/jds.2013-6744>.

39. Denis-Robichaud, J., L. DesCôteaux, and J. Dubuc. 2011. *Accuracy of a new milk strip cow-side test for diagnosis of hyperketonemia*. The Bovine Practitioner. 45:97-100. <https://doi.org/10.21423/bovine-vol45no2p97-100>.

#### *Peer-reviewed journals: submitted*

1. Denis-Robichaud, J., N. Barbeau-Grégoire, M.-L. Gauthier, S. Dufour, J.-P. Roy, S. Buczinski, and J. Dubuc. 2024. *Validity of purulent vaginal discharge, esterase, luminometry, and bacteriological tests for diagnosing uterine infection in dairy cows*. Preventive Veterinary Medicine.
2. Denis-Robichaud, J., E. E. Rees, J. Niu, and H. Carabin. 2024. *Assessment of the validity of two algorithms to classify topic and sentiment of tweets about public health measures during COVID-19 using Bayesian latent class analysis*. Journal of Computational Social Science.
3. Dubuc, J., J.C. Arango-Sabogal, V. Fauteux, J. Denis-Robichaud, and S. Buczinski. 2023. *Identification of the optimal diagnostic criteria combination for reproductive tract diseases in dairy cows > 100 days in milk*. JDS Communication.

#### *Lay publications*

1. DesCôteaux, L., M. Rousseau, M. Denicourt, M. Villetaz-Robichaud, J. Denis-Robichaud, and A.-M. Lamothe. 2023. *Barriers and psychological impacts of euthanasia on Canadian dairy farmers*. Progressive Dairy. <https://www.agproud.com/articles/56680-research-review-barriers-and-psychological-impacts-of-euthanasia-on-canadian-dairy-farmers>.
2. DesCôteaux, L., M. Rousseau, M. Denicourt, M. Villetaz-Robichaud, J. Denis-Robichaud, A.-M. Lamothe, and M.-È. Paradis. 2022. *Les méthodes d'euthanasie utilisées à la ferme*. Le producteur de lait québécois. <http://lait.org/fichiers/Revue/PLQ-2022-09/dossier-un.pdf>.
3. DesCôteaux, L., M. Rousseau, M. Denicourt, M. Villetaz-Robichaud, J. Denis-Robichaud, A.-M. Lamothe, and M.-È. Paradis. 2022. *Les impacts psychologiques de l'euthanasie*. Le producteur de lait québécois. <http://lait.org/fichiers/Revue/PLQ-2022-09/dossier-deux.pdf>.
4. Denis-Robichaud, J. 2014. *Info-Bits from the Dairy Herd Management Certificate Update — 4. Economics of Reproduction in Dairy Herds*. Ceptor — Animal Health News.
5. Denis-Robichaud, J., J. Dubuc, D. Lefebvre, and L. DesCôteaux. 2012. *Performance d'un nouvel outil pour détecter les corps cétoniques dans le lait*. Le producteur de lait québécois.

#### *Conference abstracts and presentations*

##### *Upcoming*

1. Denis-Robichaud, J., J. Niu, E.E. Rees, 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 2024. Limoge, France.
2. Denis-Robichaud, J., N. Barbeau-Grégoire, M.-L. Gauthier, S. Dufour, J.-P. Roy, S. Buczinski, and J. Dubuc. 2024. *Can We Use On-Farm Tests for Diagnosing Intramammary Infection at Dry-Off in Dairy Cows?* NMC Regional Meeting. Ghent, Belgium.

## Past

1. Denis-Robichaud, J., E.E. Rees, P. Daley, A. Diouf, M. Gangbè, C. Zarowsky, B.R. Nasri, S. de Montigny, and H. Carabin. *Association between Twitter use and adherence to public health measures in Canada 2020-2021: Results from 11 months of repeated national surveys*. American Public Health Association 2023 Annual Meeting. Atlanta, US. Poster.
2. 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.
3. Denis-Robichaud, J., J.-C. Mutabazi, M. D'Astous, N. Nswal, A. Osborn, S. Hindmarch, C. Zarowsky, E. Rees, and H. Carabin. *Étude des canaux de communication Une Seule Santé lors d'un cas humain d'influenza porcin*. IXème Congrès International d'Épidémiologie EPITER-ADELFI 2022. Québec, Canada.
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10. Denis-Robichaud, J., R. Almeida, S. Ivey, R.R. Rodriguez, M. Payne, and M.E. Hockett. *Performance of milk leukocyte differential test in selective dry cow therapy approach*. World Buiatrics Congress 2018. Sapporo, Japan.
11. Denis-Robichaud, J., S.J. LeBlanc, A. Jones-Bitton, and R.L.A. Cerri. *Association between circulating progesterone during the luteal phase and estrous activity detected by automated activity monitoring in dairy cattle*. American Dairy Science Association Joint Annual Meeting 2016. Salt Lake City, US. Journal of Animal Science. 94(Suppl.5): 350.

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14. Denis-Robichaud, J., R.L.A. Cerri, A. Jones-Bitton, and S.J. LeBlanc. *Survey of management of reproduction on Canadian dairy farms*. The American Association of Bovine Practitioners Conference 2014. Albuquerque, US. Proc., 47:139.
15. Denis-Robichaud, J. and J. Dubuc. *Intrauterine cephalixin infusion is associated with better reproduction performance in cows with purulent vaginal discharge and cytological endometritis*. American Dairy Science Association Joint Annual Meeting 2015. Orlando, US. Journal of Dairy Science. 98(Suppl.2): 191.
16. Denis-Robichaud, J. and J. Dubuc. *Validation of two diagnostic methods for endometritis in postpartum dairy cows*. American Dairy Science Association Joint Annual Meeting 2013. Indianapolis, US. Journal of Dairy Science. 96(Suppl.1): 383.
17. Denis-Robichaud, J. and J. Dubuc. *Diagnostic et impact de l'endométrite post-partum chez la vache laitière*. 6th Annual Symposium of the Réseau Québécois en Reproduction 2013. Victoriaville, Canada.

### Theses

1. Denis-Robichaud, J. 2016. *Assessment of automated activity monitors for managing reproduction in dairy cows*. Ph.D. Thesis. University of Guelph, Guelph, Canada. <http://hdl.handle.net/10214/10123>.
2. Denis-Robichaud, J. 2013. *Effet d'un traitement intra-utérin de céphalexine sur les performances en reproduction des vaches laitières*. Université de Montréal, Saint-Hyacinthe, Canada. <http://hdl.handle.net/1866/10776>.

## Teaching activities

### I. Academic – graduate students

**Co-instructor** (AANB 504 – Research Methodology in Applied Animal Biology) – 2020 and 2021

University of British Columbia

Role: to teach applied biostatistics and epidemiological concepts

Reviews:

- *Ultimately I thought it was a good approach! In particular, working with José was INCREDIBLE, she is such a wealth of knowledge.*
- *Dr. Denis-Robichaud encouraged consideration of differing methodological concepts (epidemiology vs applied sciences) during discussion.*

## II. Academic – undergraduate students

### **Invited speaker** (PAA 4409 – Développement international vétérinaire) – 2021

Université de Montréal

Role : to present on veterinary international development experience

### **Research mentor** (ABPI 398 – Research Methods in Applied Biology) – 2020

University of British Columbia

Role : to introduce a student to research methods and to supervise the preparation of a literature review and the presentation of results

### **Teaching assistant** – 2012 to 2013

Université de Montréal

Role: to facilitate multiple veterinary classes and workshops, including office hours and grading

### **Instructor** – 2012

Université de Montréal

Role: to lead a group of veterinary students for a farm evaluation

## III. Continuous education – professionals

### **Speaker for continuous education workshop** - 2023

[La communauté de pratique en épidémiologie de terrain](#)

Role: to share knowledge and experience on One Health with over 100 field epidemiology professionals as part of recognized continuous education credits: [One Health communication channels](#) (en français)

Reviews:

- *Très bon sujet. Belle approche pour permettre les échanges.*
- *Excellente conférencière: claire, facilite l'interaction.*
- *Animation dynamique impliquant les participants tout au long de la conférence.*
- *Très belle présentation et contenu intéressant.*

### **Workshop leader** (volunteer) – 2020 to now

Veterinarians Without Borders – Canada

Role: to lead discussions on One Health following an [online introduction](#)

### **Online course developer** – 2017 to 2019

Centre d'expertise en développement continu des compétences vétérinaires

Role: to design and create continuous education courses for dairy cow veterinarians

[Management of reproductive health of dairy cows](#)

[Early non-pregnancy diagnosis – Doppler ultrasound](#)

[Diagnostiquer la balance énergétique négative en péripartum](#) (en français)



## Communication activities

### **Panelist for Veterinarians Without Borders, North America – 2024**

‘How can One Health approaches empower communities to enhance women’s health globally?’

Role: to share experience about specific challenges women are facing in agriculture, and to highlight the importance of giving opportunities and recognition to women with the ultimate goal to benefit the health of humans, animals and ecosystems

### **Interviewer for podcasts broadcasted by the Dairy Farmers of Canada – 2020 to 2024**

Role: to interview stakeholders of the dairy industry to share producers' challenges and opportunities via a podcast

- Movement and exercise with [Dr. Clémence Nash, Dr. Elsa Vasseur, Olivier Charbonneau, and Peter Strebel](#)
- Alfalfa yield and persistence with [Dr. Annick Bertrand and Dr. Solen Rocher](#)
- Soil health with [Dr. Marie-Élise Samson](#)
- Biodiversity with [Maria-José Maezo](#) and [Sylvain Laquerre](#)
- Biosecurity with [Dr. Simon Dufour](#) and [Jasmin Mathieu](#)
- Animal welfare with [Dr. Elsa Vasseur](#) and [Mylène Bégin](#)

### **Facilitator for Dairy Farmers of Canada’s KTT events – 2023**

Role: to lead knowledge translation and transfer activities with dairy farmers (in person and online)

### **Focus group leader – 2020 to 2022**

Role: to lead focus groups as support for the 2023 revised [Dairy Code of Practice](#)

### **Creator and interviewer (volunteer) – 2020**

Role: to create an [online introduction to One Health](#) for future volunteers

## Awards and scholarships

### **I. International and national**

#### **Alexander Graham Bell Canada Graduate Scholarships – 2015 to 2016**

Doctorate, Natural Sciences and Engineering Research Council of Canada

#### **Alexander Graham Bell Canada Graduate Scholarships – 2012 to 2013**

Master, Natural Sciences and Engineering Research Council of Canada

#### **2nd place Student Presentation Award – 2011**

American Association of Bovine Practitioner

#### **AABP Education Grant – 2011**

American Association of Bovine Practitioner

### **II. Provincial**

#### **Ontario Graduate Scholarship – 2014 to 2015**

Ontario Student Assistance Program

**Master's excellence scholarship from the Canadian Dairy Commission – 2012 to 2013**

Novalait

### III. Institutional

**Canadian Dairy Commission PhD Scholarship – 2013 to 2016**

University of Guelph

**OVC Fellowship – 2013 to 2016**

Ontario Veterinary College

**Master's admission scholarship – 2012**

Faculty of Graduate and Postdoctoral Studies, Université de Montréal

## Community involvement

### I. Peer reviewing

- Animals, since 2024
- Veterinary Research Communications, since 2023
- Frontiers, since 2022
- Reproduction in Domestic Animals, since 2019
- The Veterinary Journal, since 2017
- Theriogenology, since 2017
- Veterinary Research, since 2017
- Journal of Applied Animal Research, since 2017
- Journal of Dairy Science, since 2016
- Canadian Veterinary Journal, since 2015
- Livestock Science, since 2015
- The Bovine Practitioner, since 2013

### II. Volunteering

**Hang Gliding and Paragliding Association of Canada safety committee member – 2024**

Role: to analyze and report on incident and accident data

**American College of Veterinary Preventive Medicine committee member – 2022 to now**

Membership and Outreach Committee and Strategic Planning Committee

Role: to support and to develop the College membership, and to lead the awareness initiatives of the strategic plan of the ACVPM

**Veterinary Advisory Council Member – 2022 to now**

Veterinarian Without Borders – Canada

Role: to support volunteer training (focus on integrating the One Health approach)

**Mentoring ACVPM candidates – 2022 to now**

Role: to offer support and follow up to candidates (one per year) studying for the specialty exam



**External survey development team – 2022**

Membership and Outreach Committee of the ACVPM

Role: to develop the external survey questionnaire, and to analyze the data and present the results to the Executive Board of the College

**In-country volunteer (Hanoi – Vietnam, and Mbarara – Uganda) – 2018 to 2020**

Veterinarian Without Borders – Canada

Role: to support in-country projects (One Health, research, and dairy cattle health and management)

**Speaker – 2012**

Sensibilisation aux Études, à l'Université et à la Recherche

Role: to promote academic and scientific professions to high school students

## Others

### I. Sports

**Introduction to snow-kiting for Atikamekw youth – 2024**

Obedjiwan, Québec – Canada

Role: to introduce elementary and secondary school students to snow-kiting

**Sports photographer and videographer – 2018 to now**

Around the world

Role: to produce photo and video content for kitesurfing and para-kite brands

### II. In the media

**Podcast guest (en français) – 2022**

[Du Coq à l'Âne](#)

**Videographer and van wrangler – 2022**

[A road trip movie in Mexico](#)

**Videographer and kitesurfer – 2022**

[The ultimate kitecruise](#)

**Videographer and kitesurfer – 2021**

[Kiteboarding in the Canadian Rockies](#)