

# José Denis-Robichaud

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## Professional summary

Dr. Denis-Robichaud is a veterinary epidemiologist researcher, 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 volunteers for [Veterinarians Without Borders](#).

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## Education

### 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

*Veterinary Specialty Board 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 included:

- 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** (part-time) – 2020 to now

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

University of British Columbia

Supervisor: Dr. Ronaldo Cerri

**Research advisor** (part-time) – 2021 to 2022

Project: *Improving Early Warning of Emerging Threats*

Université de Montréal

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
2023 – 2024	Public Health Agency of Canada	<i>Social media as a Public Health tools – part 2</i> PI: Dr. Erin Reese	Consultant
2022 – 2023	Université de Montréal	<i>Accuracy of luminometry to detect infection in dairy cattle</i> PI: Dr. Jocelyn Dubuc	Consultant
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. Christine Baes, Dr. Ronaldo Cerri, Dr. Marc-André Sirard, and Dr. Paul Stothard	Postdoctoral researcher

### II. Previous projects

Period	Client	Title and collaborators	Role
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
2023	Fédération des Producteurs d'Oeufs du Québec	<i>Assessment of eggs' vitamin D content in Québec, Canada</i> PI: M. Denis Frenette	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	<i>Herd-level metabolites associated with poor health and performance</i> PI: Dr. Jocelyn Dubuc	Consultant

Period	Client	Title and collaborators	Role
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 resistance within governance settings</i> PA: Dr. Hélène Carabin	Consultant
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

Period	Client	Title and collaborators	Role
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
2015 – 2020	University of Guelph	<i>Canadian National Dairy Study: Biosecurity</i> PI: Dr. David Kelton	Consultant
2015 – 2020	University of Guelph	<i>Canadian National Dairy Study: Lameness</i> PI: Dr. David Kelton	Consultant
2016 – 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., 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.
2. 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>.
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. In press.
4. 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. In press. <https://doi.org/10.3168/jdsc.2023-0403>.
5. 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. In press. <https://doi.org/10.3168/jds.2022-23065>.
6. 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.
7. 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>.
8. 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>.
9. 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>.
10. 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>.
11. 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>.

12. Denis-Robichaud, J., M.-E. Tremblay Cléroux, 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>.
13. 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>.
14. 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>.
15. 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>.
16. 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>.
17. 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>.
18. 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>.
19. 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.
20. 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>.
21. 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>.
22. 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>.



23. 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>.
24. 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>.
25. 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>.
26. 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>.
27. 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>.
28. 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>.
29. 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>.
30. 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>.
31. 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>.
32. 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>.
33. 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>.

34. 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.

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

1. 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. 2023. *One Health communication channels: a qualitative case study of swine influenza in Canada in 2020*. BMC Public Health.
2. Denis-Robichaud, J., E.E. Rees, P. Daley, C. Zarowsky, A. Diouf, B.R. Nasri, S. de Montigny, and H. Carabin. 2023. *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. Preprint. <https://doi.org/10.2196/preprints.51325>.
3. Denis-Robichaud, J. I. Nicola, H. Chupin, J.-P. Roy, S. Buczinski, V. Fauteux, N. Picard-Hagen, R. Cue, and J. Dubuc. 2023. *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.

#### *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.

#### *Abstracts and conference presentations*

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-ADELF 2024. Limoge, France.
2. 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.

3. 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.
4. 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-ADEL 2022. Québec, Canada.
5. Denis-Robichaud, J., A.C.C. Fernandes, J.E.P. Santos, and R.L.A. Cerri. *Factors associated with embryo fertilization and quality in dairy cows.* 19th International Congress on Animal Reproduction 2022. Bologna, Italy. Poster.
6. Denis-Robichaud, J., C. Aenishaenslin, L. Richard, M. Desmarchelier, and H. Carabin. *Association between pet ownership and mental health and well-being of Canadians assessed in a cross-sectional study during the COVID-19 pandemic.* 24th IUHPE World Conference on Health Promotion 2022. Montréal, Canada. Poster.
7. 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.
8. Denis-Robichaud, J., J. Dubuc, C. Bauman, H. Barkema, G. Keefe, and D.F. Kelton. *Adoption of biosecurity practices on Canadian dairy farms.* The American Association of Bovine Practitioners Conference 2019. St. Louis, US. Proc., 52:370.
9. Denis-Robichaud, J., J. Dubuc, C. Bauman, H. Barkema, G. Keefe, and D.F. Kelton. *Involving veterinarians in the implementation of biosecurity practices on dairy farms.* The American Association of Bovine Practitioners Conference 2019. St. Louis, US. Proc., 52:371.
10. Denis-Robichaud, J., J. Dubuc, C. Bauman, H. Barkema, G. Keefe, and D.F. Kelton. *Biosecurity Practices in Canadian Dairy Herds.* World Buiatrics Congress 2018. Sapporo, Japan.
11. 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.
12. 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.
13. Denis-Robichaud, J., R.L.A. Cerri, A. Jones-Bitton, and S.J. LeBlanc. *Reproductive performance with automated activity monitoring or a timed insemination program for first insemination in dairy cows.* American Dairy Science Association Joint Annual Meeting 2016. Salt Lake City, US. Journal of Animal Science. 94(Suppl.5): 542.
14. Denis-Robichaud, J., R.L.A. Cerri, A. Jones-Bitton, and S.J. LeBlanc. *Associations between management practices and reproductive performance in Canadian dairy herds.* American Dairy Science Association Joint Annual Meeting 2015. Orlando, US. Journal of Dairy Science. 98(Suppl.2): 874.

15. 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.
16. 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.
17. 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.
18. 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 to 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

#### **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.*

*Schémas très pertinents. Il n'y avait pas de 'jargon'.*

**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**

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

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

- Biosecurity with [Dr. Simon Dufour](#) and [Jasmin Mathieu](#)
- Animal welfare with [Dr. Elsa Vasseur](#) and [Mylène Bégin](#)
- [More coming soon](#)

**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 2022 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

- 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

### **ACVPM committee member – 2022 to now**

Membership and Outreach Committee and Strategic Planning Committee of the ACVPM

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)

### **External survey development team – 2022**

Membership and Outreach Committee of the ACVPM

Role: to develop the external survey questionnaire, 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

## III. 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](#)