

José Denis-Robichaud

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Bio

Dr. Denis-Robichaud is a veterinary epidemiologist researcher and a diplomate of the American College of Veterinary Preventive Medicine ([ACVPM](#)). 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 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

2013 – 2016

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

2011 – 2013

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

2006 – 2011

Doctor of veterinary medicine (DVM)
Université de Montréal

II. Professional development

Veterinary Specialty Board Certification

2021

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

Continuing Education

2022

Introduction to Bayesian Networks.

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

2021

Instructional Skills Workshop.

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.

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

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

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

2016

Bayesian Latent Class Modelling in Animal Health.

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

Introduction to Multilevel Modelling.

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. Research

2020 – now

Postdoctoral research fellowship (part-time)

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

University of British Columbia

Supervisor: Dr. Ronaldo Cerri

2021 – 2022

Research advisor (part-time)

Project: *Improving Early Warning of Emerging Threats*

Université de Montréal

Supervisors: Dr. Hélène Carabin and Dr. Christina Zarowski

II. Consulting

2017 – now

Founder and principal consultant

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 industry and the public.

III. Clinical position

2011 – 2013

Veterinary clinician (part-time)

Ruminant Ambulatory Clinic, Université de Montréal

Supervisor: Dr. Luc DesCôteaux

Research activities

I. Current projects

| Period | Client | Title, funding and collaborators | Role |
|-------------|---|--|-------------------------|
| 2022 | École de Santé Publique de l'Université de Montréal | <i>Social media as a Public Health tools</i> MPI: Dr. Simon de Montigny, Dr. Erin Reese, and Dr. Hélène Carabin | Consultant |
| 2022 | 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 | Université de Montréal | <i>Mental health of COVID-19 on animal health workers</i> PI: Dr. Cécile Aenishaenslin | Consultant |
| 2022 | 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 |
| 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, funding and collaborators | Role |
|-------------|---|--|------------------|
| 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 – 2022 | ACER | <i>Focus groups to support the revisions of the <u>Dairy Cattle code of practice</u> (National Farm Animal Care Council)</i> PI: Dr. Steven Roche | 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 |
| 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 |
| 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 |
| 2018 – 2021 | Université de Montréal | <i>Pegbovigrastim as an adjunct therapy for naturally occurring severe clinical mastitis cases</i> | Consultant |

| Period | Client | Title, funding and collaborators | Role |
|-------------|---|--|------------------------|
| | | <i>in dairy cows</i> PI: Dr. Jocelyn Dubuc | |
| 2020 | Clinique Vétérinaire de Coaticook | <i>Oral calcium and calcemia in dairy cows</i> PI: Dr. Vincent Caldwell | 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 |
| 2019 | Intervet Canada | <i>Vaccination schedules for dairy calves in a commercial setting</i> PI: Dr. Guy Boisclair | 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., 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. <https://doi.org/10.3168/jdsc.2022-0228>.
2. 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>.
3. 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>.
 4. 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>.
 5. 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>.
 6. Denis-Robichaud, J., M.-E. Tremblay Cl  roux, 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 Qu  bec, Canada*. The Bovine Practitioner. 55: 140-152.
<https://doi.org/10.21423/bovine-vol55no2p140-152>.
 7. 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>.
 8. 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>.
 9. 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>.
 10. 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>.
 11. 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>.
 12. 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>.

13. 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.
14. 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>.
15. 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>.
16. 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>.
17. 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>.
18. 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>.
19. 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>.
20. 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>.
21. 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>.
22. 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>.
23. 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>.

24. 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>.
25. 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>.
26. 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>.
27. 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>.
28. 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.

Lay publications

1. Denis-Robichaud, J. 2014. *Info-Bits from the Dairy Herd Management Certificate Update — 4. Economics of Reproduction in Dairy Herds*. Ceptor — Animal Health News.
2. 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.-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 porcine*. IXème Congrès International d'Épidémiologie EPITER-ADEL 2022. Québec, Canada.
2. 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.
3. 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.
4. 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.
5. 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.

6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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*. Canadian Association of Veterinary Epidemiology and Preventive Medicine Conference 2016. Guelph, Canada. Proc.:19.
12. 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*. World Buiatrics Congress 2016. Dublin, Ireland. Proc.: 215.
13. 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.
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*. The American Association of Bovine Practitioners Conference 2015. New Orlean, US. Proc., 48:271.
15. Denis-Robichaud, J., R.L.A. Cerri, A. Jones-Bitton, and S.J. LeBlanc. *Survey of management of reproduction on Canadian dairy farms*. American Dairy Science Association Joint Annual Meeting 2015. Orlando, US. Journal of Dairy Science. 98(Suppl.2): 384. Poster.
16. 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.
17. 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.

18. 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.
19. 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.
20. Denis-Robichaud, J. and J. Dubuc. *Validation of two diagnostic methods for endometritis in postpartum dairy cows*. The American Association of Bovine Practitioners Conference 2013. Milwaukee, US. Proc., 46:135. Poster.

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 céphapirine 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

2020 – 2021

Co-instructor (AANB 504 – Research Methodology in Applied Animal Biology)

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

2021

Invited speaker (PAA 4409 – Développement international vétérinaire)

Université de Montréal

Role : to present on veterinary international development experience

2012 – 2013

Teaching assistant

Université de Montréal

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

2012

Instructor

Université de Montréal

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

III. Continuous education and other training

2020 – now

Workshop leader (volunteer)

Veterinarians Without Borders – Canada

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

2017 – 2019

Online course developer

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

2020 – 2022

Focus group leader

Role: to lead focus groups as support for the 2022 revised [Dairy Code of Practice](#)

2020 – 2022

Interviewer

Role: to interview stakeholders of the dairy industry to share producers' challenges and opportunities via a podcast (not broadcasted yet)

2020

Creator and interviewer (volunteer)

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

Awards and scholarships

I. International and national

2015 – 2016

Alexander Graham Bell Canada Graduate Scholarships – Doctorate, Natural Sciences and Engineering Research Council of Canada

2012 – 2013

Alexander Graham Bell Canada Graduate Scholarships – Master, Natural Sciences and Engineering Research Council of Canada

2011

2nd place Student Presentation Award, American Association of Bovine Practitioner

2011

AABP Education Grant, American Association of Bovine Practitioner

II. Provincial

2014 – 2015

Ontario Graduate Scholarship, Ontario Student Assistance Program

2012 – 2013

Master's excellence scholarship from the Canadian Dairy Commission, Novalait

III. Institutional

2013 – 2016

Canadian Dairy Commission PhD Scholarship, University of Guelph

2013 – 2016

OVC Fellowship, Ontario Veterinary College

2012

Master's admission scholarship, Faculty of Graduate and Postdoctoral Studies, Université de Montréal

Community involvement

I. Peer reviewing

- 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

2022

External survey development team

Membership and Outreach Committee of the ACVPM

Role: develop the external survey questionnaire, analyze the data and present the results

2020 – now

Veterinary Advisory Council Member

Veterinarian Without Borders – Canada

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

2018 – 2020

In-country volunteer (Hanoi, Vietnam and Mbarara, Uganda)

Veterinarian Without Borders – Canada

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

2012

Speaker

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

2022

Videographer and kitesurfer

[The ultimate kitecruise](#)

Podcast guest (en français)

[Du Coq à l'Âne](#)

2021

Videographer and kitesurfer

[Kiteboarding in the Canadian Rockies](#)