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## **EMELINE NOGUES**

### **Postdoctoral Research in Behaviour, Stress and Welfare**

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### **PROFESSIONAL EXPERIENCE**

Postdoctoral Scholar, Aarhus University, Denmark, 2025-current.

Postdoctoral Scholar, University of Vermont, USA, 2024-2025.

Postdoctoral Scholar, University of Wisconsin-River Falls, USA, 2024-2024.

Graduate Student Coordinator, Animal Welfare Program, University of British Columbia, Canada, 2021-2023.

Graduate Teaching and Academic Assistant, University of British Columbia, Canada, 2021-2023.

Research Assistant, Animal Welfare Program, University of British Columbia, Canada, 2018-2019.

### **EDUCATION**

Ph.D. in Applied Animal Behaviour from the University of British Columbia, Canada, 2024.

M.Sc. In Ethology from Université de Paris 13, France, 2018.

B.Sc. in Biology from Université de Rennes 1, France, 2015.

### **RESEARCH EMPHASIS**

My research focuses on dairy cattle welfare and behavior. My thesis work focused on inter-individual variability (i.e., personality) and social behavior, and my postdoctoral work on cow-calf contact systems. My research has touched on many contentious issues in the dairy industry: painful procedures (disbudding, castration), stressful procedures (mixing of unfamiliar individuals), outdoor access, and cow-calf separation. I have also recently started including qualitative research to my work, to understand how different perspectives may shape the present and future of animal production.

### **TEACHING RESPONSIBILITIES**

1. Research Methods in Applied Animal Biology, University of British Columbia, Canada. Teaching assistant (2023)
2. Applied Animal Behavior, University of British Columbia, Canada. Teaching assistant (2022)
3. Animals and Society, University of British Columbia, Canada. Teaching assistant (2021 – 2022)

14 guest lectures (2019-2025) on pain assessment in dairy cattle, dairy cattle production systems, social behavior of dairy cattle, and general introduction to farm animal welfare.

## PROFESSIONAL SERVICE

Grant Reviewer, Regeneron Science Talent Search (2024 – present)

Manuscript Reviewer:

Animals (2024 – present)

Journal of Dairy Science (2023 – present)

Applied Animal Behaviour Science (2023 – present)

Animal Welfare (2023-present)

Livestock Science (2021 – present)

## STUDENT MENTORING

**Graduate Students:** Supervised 3 visiting international research students at the Master's level during their practicum in the Animal Welfare Program at the University of British Columbia.

**Undergraduate Students:** Supervised 16 undergraduate research assistants.

## RECENT REFEREED PUBLICATIONS (ORCID: 0000-0001-6040-5833)

1. B. Vandresen, E. **Nogues** & M.A.G. von Keyserlingk (2025). *How to overcome our challenges? Stimulating collaboration between ethologists and animal welfare scientists from different world regions*. Applied Animal Behaviour Science, in press, 106637. DOI: 10.1016/j.applanim.2025.106637
2. E. **Nogues**, D.M. Weary & M.A.G. von Keyserlingk (2024). *Effect of social relationships on dairy cows' decision to move to and from an outdoor area*. Applied Animal Behaviour Science, 272, 106200. DOI: 10.1016/j.applanim.2024.106200
3. E. **Nogues**, T. Ede, R.E. Woodroffe, D.M. Weary & M.A.G. von Keyserlingk (2023). *Can a social partner alleviate conditioned place aversion caused by isolation and pain in dairy calves?* Applied Animal Behaviour Science, 269, 106092. DOI: 10.1016/j.applanim.2023.106092
4. E. **Nogues**, D.M. Weary & M.A.G. von Keyserlingk (2023). *Graduate Student Literature Review: Sociability, fearfulness, and coping style: Impacts on individual variation in the social behavior of dairy cattle*. Journal of Dairy Science, 106(12), 9568-9575. DOI: 10.3168/jds.2023-23553
5. T. Ede, E. **Nogues**, M.A.G. von Keyserlingk & D.M. Weary (2022). *Pain in the hours following surgical and rubber ring castration in dairy calves: Evidence from conditioned place avoidance*. JDS Communications, 3(6), 421–425. DOI: 10.3168/jdsc.2022-0241

6. **E. Nogues**, M.A.G. von Keyserlingk & D.M. Weary (2021). *Pain in the weeks following surgical and rubber ring castration in dairy calves*. Journal of Dairy Science, 104(12), 12881–12886. DOI: 10.3168/jds.2021-20127
7. B. Lecorps, **E. Nogues**, M.A.G. von Keyserlingk & D.M. Weary (2020). *Pessimistic dairy calves are more vulnerable to pain-induced anhedonia*. PLoS ONE, 15(11), e0242100. DOI: 10.1371/journal.pone.0242100
8. **E. Nogues**, B. Lecorps, D.M. Weary & M.A.G. von Keyserlingk (2020). *Individual Variability in Response to Social Stress in Dairy Heifers*. Animals, 10(8), 1440. DOI: 10.3390/ani10081440