

Dr Christine Baes

University of Guelph

EDUCATION AND DEGREES

- Dr. (Agr) Christian-Albrechts-University Kiel, Kiel, Germany, 2008. *summa cum laude*
 - Title: *Fine Mapping of Quantitative Trait Loci Affecting Somatic Cell Score on BTA02, BTA18 and BTA27 in the German Holstein*
- MSc. (Agr) Universität Hohenheim, Stuttgart, Germany, 2005.
 - Title: *The demand of laying hens for feathers and wood shavings*
- BSc. (Agr) with Honours in Animal Science, University of Guelph, Guelph, Canada, 2004.

WORK EXPERIENCE

- Canada Research Chair and Full Professor, University of Guelph (Jan. 2019 – Present, tenured since 2019, Full Professor since 2022), Guelph, Canada-Ontario.
- Adjunct Professor, University of Prince Edward Island (Sept. 2019 – Present, Charlottetown, Canada).
- Research Associate and Lecturer, University of Bern (August, 2018 – Present, tenured since 2021), Bern, Switzerland.
- Semex / Canadian Dairy Network / Holstein Canada Professorship in Dairy Genomics, University of Guelph (June, 2015 – June, 2019), Guelph, Canada-Ontario.
- Project Manager, Bern University of Applied Sciences / Qualitas AG (December, 2012 - May, 2015), Zug, Switzerland.
- Project Manager, Bern University of Applied Sciences / SUISAG (April, 2011 - November, 2012), Sempach, Switzerland.

TEACHING RESPONSIBILITIES

- 2015-present Biometry for Animal Sciences. Graduate course (lectures and labs) with 36 hours of lecture + 24 hours of lab. University of Guelph, Canada
- 2016-present Animal Breeding Methods & Applications. Undergraduate course (lectures and labs) with 36 hours of lecture + 24 hours of lab. University of Guelph, Canada
- 2018-present Animal Genetics and Animal Breeding. Undergraduate courses (lectures) with 26 hours of lecture. Universität Bern, Switzerland
- Additional past teaching responsibilities included undergraduate course (lectures) at Universität Hohenheim, Germany, and various graduate course (lectures and labs) at ETH Zürich, Switzerland

- Currently 10 Postdoctoral Researchers and graduate students supervised, +15 completed

GRANTS

- Over \$20M in competitive research funding acquired since 2015 as Principal Investigator. Examples of these successful project include:
 - **Application of Genomic Selection in Turkeys for Health, Welfare, Efficiency, and Production (\$6M, collaboration with Hybrid Turkeys, a subsidiary of Hendrix Genetics)**
 - **Understanding the implications of novel genomic technologies in Canadian Dairy (\$1M, collaboration with DairyGen Canada)**
 - **The Resilient Dairy Genome Project (\$16M, a large-scale applied research project with 42 national and international organizations collaborating)**

PUBLICATIONS

- Please see <https://scholar.google.com/citations?user=tvSZ3bAAAAAJ&hl=en> for my publication list