



Dr. Christine Baes was born and raised on a dairy farm in Southwestern Ontario and learned to appreciate the structure and organization of the Canadian agriculture industry at a young age. After completing her Bachelor's degree at Guelph, she went on to finish a Master of Science degree in Animal Welfare at the Universität Hohenheim and a PhD in Quantitative Genetics at the Leibniz Institute for Farm Animal Biology and the Christian Albrechts Universität zu Kiel in Germany. She currently holds a Canada

Research Chair in Livestock Genomics and is a Full Professor in the Department of Animal Biosciences at the University of Guelph. She is an adjunct professor at the University of Prince Edward Island and a lecturer at the University of Bern in Switzerland.

Dr. Baes has been involved in numerous large-scale breeding projects in various species (swine, horses, dairy, cattle, goats), in Europe and North America, and has taught courses in genetics and statistics in Germany and Switzerland. She has extensive experience in quantitative genetics, statistical genomics and bioinformatics related to genetic and genomic evaluation of livestock. With this knowledge she strives to bridge the gap between cutting edge science and practical application of new knowledge. This holistic approach, along with motivation and enthusiasm, characterize her lectures, her research, and her communication with industry partners and farmers.

Her current research involves analyzing and understanding the impact of genomic inbreeding in livestock, uncovering the genetic architecture of health, productivity, efficiency and welfare traits in dairy and poultry, as well as better understanding the socio-economic incentives for animal breeding. She serves on several national and international boards and committees, including the Genetic Evaluation Board of Lactanet, the Breed Advisory Committee of Holstein Canada, the International Committee of Animal Recording's Feed and Gas working group, and the Genetic Diversity Advisory Board of the Swiss Federal Government. In her spare time, she runs a small farm outside of Maryhill, Ontario.