RASMUS B. STEPHANSEN

PHD STUDENT, AARHUS UNIVERSITY

CONTACT INFORMATION

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COMPENTENCES

Speaks and write English & Danish

Microsoft Office package

Statistical software's: SAS, R & Python

Genetic software's: DMU & Mix99

RESEARCH AREA

I have dedicated my research area towards the genetic and biological aspects of feed efficiency in dairy cattle. Within that research area I have a particular interest in the biological mechanisms underlying changes in body reserves and the potential to mitigation of climate gases. My research has allowed me to delve into the development and implementation of genetic evaluations for feed efficiency models.

CAREER

2021- PhD student, Center for Quantitative Genetics and Genomics at Aarhus University.

2018–2021 Consultant, SEGES Livestock Innovation.

2014-2018 Trainee, SEGES Livestock Innovation.

EDUCATIONS

2016–2018 MSc in Agrobiology, Aarhus university

2014–2016 Professional Bachelor, Business Academy Aarhus
The Bachelor Project was honored by the JID award for best Bachelor Project

2013–2014 Agricultural Technologist, Business Academy Aarhus
The Exam Project was honored by the DLBR award for best Exam Project

3 SELECTED PEER REVIEWED PUBLICATIONS

Stephansen, R. B. et al. (2023). Novel genetic parameters for genetic residual feed intake in dairy cattle using time series data from multiple parities and countries in North America and Europe. *Journal of Dairy Science*, *106*(12), 9078-9094.

Stephansen, R. B. et al. (2023). Prediction of body condition in Jersey dairy cattle from 3D-images using machine learning techniques. *Journal of Animal Science*, 101, Artikel skad376.

Stephansen, R. B. et al. (2021). Economic value of residual feed intake in dairy cattle breeding goals. *Livestock Science*, 253, Artikel 104696.

2 SELECTED CONFERENCE PROCEEDINGS

Stephansen, R. B. et al. (2022). Novel genetic parameters to improve gRFI in dairy cattle using big data from multiple lactations and countries. WCGALP 2022, Rotterdam, The Netherlands.

Stephansen, R. B. et al. (2021). Genomic prediction of residual feed intake in the Nordic breeds using data from research herds and 3D cameras in commercial herds. Interbull Bulletin NO. 56. Leeuwarden, The Netherlands.

TEACHING EXPERIENCE

2022–2023 Teaching assistant at Bsc course "avl & genetic"

MANAGEMENT EXPERIENCE

2022 – 2024 QGG PhD-committee PhD representative