Xi   Ding

Advantage in farm animal computational quantitative genetics

✉ ding@fbn-dummerstorf.de

☎ 016095432515

⌂ Soester Str. 5, 18057, Rostock

EDUCATION

Master of Science in Farm Animal Science

University Rostock Agricultural and Environmental Sciences
10.2016-02.2020

- Topic master thesis: **Genetic parameters estimation of mouse line FZT: DU** (Using **R studio** and **ASReml** to form **univariate, multivariate models** and **compare the heritability, correlation, and variance components** on important traits)
- Focus on animal genetics, **anatomy and experimental methods**, **lineal and mixed models**, **physiology of metabolism and nutrition dependent disorders and diabetics**
- Broadening of data competences through online course from MIT university on **data driven decisions**

Bachelor of Science in Farm Animal Science

China Agricultural University (Peking)
09.2012-06-2016

- Topic bachelor thesis: **Major histocompatibility complex (MHC) extraction and detection** from four traditional **Chinese chicken breeds**
- Focus on **biochemistry, animal biology**, genetics, **advanced mathematics, advanced physics, statistics**, general chemistry in laboratory, **analytical chemistry experiment**
- **Wisconsin University River-falls Of The USA,**River-falls, Wisconsin, **abroad exchange program** (08-2014-10-2014) Courses, farms, industrial factories, World Dairy Expo

WORK EXPERIENCE

- ➢ **Institute of Farm Animal Biology (FBN) computational animal science**
  PHD Candidate 03.15.2022-
  Quantitative farm animal genetic analysis
  Research assistant 01.04.2022-30.12.2022
  Quantitative farm animal genetic analysis

- ➢ **KWS LOCHOW GmBH, Petkus,Breeding Technician**
  01.05.2020 -01.01.2022
  Industrial plant breeding (specialty Rye), data management and analyzing, **yield trial and observational rows, field plan and seed preparation, scoring, sample preparing, green house plants preparing, scientific improvement information collecting and yearly PPT report**

- ➢ Leibniz Institute for Farm Animal Biology (FBN), Student Worker 09.2018-07.2019
  Piglet's birth observation, sow farrowing behavior, blood sample preservation

- ➢ China Agriculture University, Beijing, Conference Assistant
  06-2015 - 10-2015

- ➢ Modern Beef Breeding (Group) GmBH, He'bei, China, Intern
  06-2015 - 09-2015

- ➢ China Modern Dairy Holdings Ltd, An'hui, Hefei, Calf Department Assistant
  08-2014 - 09-2014

KNOWLEDGE and SKILLS

Language Skills

English (C1, IELTs 7.0) ●●●●○
German (B2, DSH 1) ●●●○○
Chinese native ●●●●●

PC-Skills

R Studio (intermediate) ●●●○○
ASReml (intermediate) ●●●○○
SAS (intermediate) ●●●○○
Microsoft Office (advanced) ●●●●○

Certificates

- **Master of Science Certificate**
- **MIT Certificates on finishing the course of Making Data-Driven Decisions**
- Bachelor of Animal Science Certificate
- Language & Intern Certificates
- **German driving license class B**
- **Reference letter**