

CURRICULUM VITAE

Dr. Christine Minoo Mbindyo

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EDUCATIONAL BACKGROUND

- Doctor of Philosophy in Applied Microbiology (Bacteriology Option), University of Nairobi, **2018 – present**
- Master of Science in Applied Microbiology (Bacteriology Option), University of Nairobi, **2011 - 2014**
- Bachelor of Veterinary Medicine (BVM), University of Nairobi, **2006 – 2011**

WORK EXPERIENCE

September 2015-To date: Tutorial Fellow in the Microbiology Section, Department of Veterinary Pathology, Microbiology and Parasitology, University of Nairobi.

Roles

- Teaching Bacteriology and Mycology to undergraduate students in the Faculty of Veterinary Medicine
- Conducting diagnostics and laboratory analysis
- Mentoring and guiding students
- Undertaking research areas of interest
- Community outreach

July 2014-August 2015: Worked for Gap Marketing (Bayer Health Care Pharma Representative).

Roles

- Organizing and training pharmaceutical technicians on the company's products
- Monitoring and reporting of competitive market activities
- Market research

January 2012-August 2012: Worked for Vetworks Eastern Africa (Veterinary Officer).

Roles

- Consulting, diagnostics, and treatment of livestock diseases
- Organizing and training groups of farmers on proper poultry keeping and management
- Poultry restocking activities targeting poor households

SHORT TRAININGS ATTENDED

1. Antimicrobial Resistance in Bacterial Pathogens, Nairobi held from 6th - 21st September 2018 at the Kenya Medical Research Centre, Nairobi
2. One Health workshop on Risk analysis for Anti-microbial resistance held from 24th to 27th September 2017 at Ole Ken Hotel in Nakuru

3. Faculty Exchange Program held from August 2016 to December 2016 at the Iowa State University, College of Veterinary Medicine
4. Teaching and learning Training held from September 2016 to December 2016 at the Iowa State University
5. One-Health Faculty Exchange Program held from 19th-25th June 2016 at the University of Rwanda

RESEARCH

1. My research work for my PhD is on **“Characterization of milk microbial diversity, antibiotic resistance and evaluation of cattle genotypes for improved mastitis control in Kenya”**
2. My research work for my Master of Science degree was on **“Determination of constraints to dairy goat production in Mount Kenya region; prevalence and risk factors of subclinical mastitis, and antibiotic sensitivity of the respective isolates”** This was part of a bigger project by Kenya Agricultural Productivity and Agribusiness Project (KAPAP).
3. Other research I have worked on **“Determining the microbial diversity of dairy goat milk in Iowa State University Farm following dry goat therapy treatment with antibiotics using metagenomics”** this was supported by USDA during Faculty Exchange Program 2016.

AWARDS

1. Awarded the Consortium for Advanced Research Training in Africa (CARTA) Ph.D. fellowship 2018
2. Awarded US Department of Agriculture Faculty Exchange Program sponsorship in August 2016 to December 2016 at Iowa State University College of Veterinary Medicine
3. Awarded MSc scholarship under the KAPPAP project grant on Improvement of Dairy productivity and Market in sub humid and pastoral areas of Kenya through improved dairy chains in October 2011

PROFESSIONAL MEMBERSHIP

Registered member: Veterinary surgeon in Kenya Veterinary Board (KVB) 2501 and Kenya Veterinary Association (KVA) 1179

PUBLICATIONS

1. **Mbindyo, C.M**, Gitao C.G, Peter S.G., (2018): Constraints affecting dairy goat production in Kenya. Journal of Tropical animal and health production. <https://doi.org/10.1007/s11250-017-1397-2>
2. Gitao C.G, **Mbindyo, C.**, Omani, R, Chemweno, V. (2017) Review of Sheep Pox Disease in Sheep. Journal of Veterinary Medicine Research 4(1): 1068
3. **Mbindyo, C.M.**, Gitao, L. Bebora. A cross-sectional study on the prevalence of subclinical mastitis and antimicrobial susceptibility patterns of the bacterial isolates in milk samples of smallholder dairy goats in Kenya. American Journal of Research communication, 2014,2(8): 30-51
4. George Gitao, **Christine Mbindyo**, Lily Bebora (2014): Dairy Goat Milk Hygiene Analysis in Mt Kenya Region, Lambert Academic Publishing

ACADEMIC REFEREES

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