



Name: Christine Ludwin Wanjala



Job Title and Responsibilities: Am an Assistant Lecturer in Medical Laboratory Science Department. I teach Medical Microbiology, Medical Parasitology and Medical Entomology at the School of Public Health & Biomedical Sciences and School of Nursing and Midwifery. I coordinate examinations and timetabling in Medical Laboratory Science Department. I also guide Medical Laboratory Science students in developing and conducting their research projects.

About Me: I work with a Spirit of excellence to achieve all my goals and also contribute towards the growth of our institution. I also enjoy conducting scientific research and reading scientific research papers in my area of specialization. I am a student at Kenyatta University Studying PhD in Medical Entomology.

Qualifications: Msc. Medical Parasitology - Egerton University (2008-2011), Bsc. Medical Microbiology - Jomo Kenyatta University of Agriculture and Technology (2002-2006)

Expertise: Am an expert in Parasitological, Microbiological and Entomological diagnostic techniques.

Research Interests: My research interest is in malaria vector control, currently am conducting a research on the status of insecticide resistance in malaria vectors in western Kenya and evaluation of the efficacy of Long-lasting insecticide nets and Indoor Residual Spraying programmes used for malaria control in western Kenya.

Selected Publications:

- Ednah Ototo, Jenard Patrick Mbugi, **Christine Ludwin Wanjala**, Guofa Zhou, Andrew Karanja Githeko, Guiyun Yan **Surveillance of malaria vector population density and biting behavior in western Kenya. *Malaria journal, in press.***
- **Christine L.Wanjala**, Yaw A. Afrane, Jernard Mbugi, Edna Ototo, Guofa Zhou , Andrew K. Githeko, Guiyan Yan **Insecticidal decay effects of Long-Lasting Insecticide nets and Indoor Residual Spraying on *Anopheles gambiae sl.* in Western Kenya. *Malaria journal, in press.***
- Guofa Zhou, Yaw A Afrane, Amruta Dixit, Harrysone E Atieli, Ming-Chieh Lee, **Christine L Wanjala**, Leila B Beilhe, Andrew K Githeko2and Guiyun Yan. **Modest**

additive effects of integrated vector control measures on malaria prevalence and transmission in western Kenya. *Malaria Journal* 2013, **12**:256

- **Christine L Wanjala**, John Waitumbi, Guofa Zhou and Andrew K Githeko: **Identification of malaria transmission and epidemic hotspots in the western Kenya highlands: its application to malaria epidemic prediction.** *Parasites & Vectors* 2011, 4:81
- Ednah N Ototo¹, Andrew K Githeko, **Christine L Wanjala** and Thomas W Scott **Surveillance of vector populations and malaria transmission during the 2009/10 El Niño event in the western Kenya highlands: opportunities for early detection of malaria hyper-transmission.** *Parasites & Vectors* 2011, 4:144
- **Christine L Wanjala**¹, Andrew K Githeko, John N Waitumbi **Assessing the impact of topography on malaria exposure and malaria epidemic sensitivity in the Western Kenya highlands** . From Parasite to Prevention: Advances in the understanding of malaria Edinburgh, UK. 20-22 October 2010 conference. *Malaria Journal* 2010, 9 (Suppl 2):P5

Publications in conference proceedings

- **Christine L. Wanjala**, Yaw A. Afrane, , Edna N. Ototo, Andrew K. Githeko, Guiyan Yan. **Evaluation of the factors affecting the functionality of indoor residual spraying and long lasting insecticide nets programs used for malaria control in western Kenya.** 63rd ASTMH Annual conference abstract book. 2-6 November 2014.
- **Christine L Wanjala**¹, Andrew K Githeko, John N Waitumbi **Assessing the impact of topography on malaria exposure and malaria epidemic sensitivity in the Western Kenya highlands** . From Parasite to Prevention: Advances in the understanding of malaria Edinburgh, UK. 20-22 October 2010 conference. *Malaria Journal* 2010, 9 (Suppl 2):P5
- **C.L. Wanjala**, R.S. Shivairo, R.O. Odhiambo, A.K. Githeko, J.N. Waitumbi. **The influence of topography on malaria exposure and malaria sensitivity in western Kenya Highlands.** 5th MIM Pan – African malaria conference abstract Book. 2-6 Nov 2009

Current Teaching: Currently am teaching Virology, Mycology, Medical parasitology, Medical entomology and vector biology, Bacteriology and food Microbiology in Medical laboratory science department, Optometry & Vision Science department and Nursing & Reproductive Health department.

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