

## **DANIEL MUTISO NTHIWA**

**Name:** Daniel Mutiso Nthiwa

**Title/Qualification:** Masters of Science in Applied Parasitology

**Position:** Tutorial Fellow

**Department:** Biological Sciences

**School:** Pure and Applied Sciences (SPAS)

**Area of Specialization:** Parasitology/ Immunology

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### **Short Biography**

Daniel Mutiso is a Tutorial fellow at University of Embu. He holds a Bachelors of Science degree in Biology and a Masters in Applied Parasitology from the University of Nairobi. He is currently pursuing Doctorate degree in Applied Parasitology at University of Embu. His PhD focus is on the Epidemiology of Schistosomiasis and Soil Transmitted Helminth Polyparasitism in Machakos County, Kenya.

### **Research Interests**

Animal Health Research with focus on:

1. Development and application of molecular markers for diseases diagnostics and surveillance.
2. Emerging Zoonotic diseases and the role of wildlife as potential reservoirs.
3. Vector control with emphasis on the development of various insecticide attractant delivery systems for control of vector borne haemoparasites.

### **Publications in Journals:**

1. **Nthiwa D.**, Bett B., Odongo D., Kenya E., et al (2020). Seroprevalence of foot-and-mouth disease virus in cattle herds raised in Maasai Mara ecosystem in Kenya. *Preventive Veterinary Medicine* 176 (2020) 104929. <https://doi.org/10.1016/j.prevetmed.2020.104929>
2. **Nthiwa, D. M.**, Alonso, S., Odongo, D., Kenya, E., Bett, B. (2019) Zoonotic Pathogen Seroprevalence in Cattle in a Wildlife–Livestock Interface, Kenya. *EcoHealth* ISSN 1612-9202. DOI 10.1007/s10393-019-01453-z
3. **Nthiwa, D. M.**, Alonso, S., Odongo, D., Kenya, E., Bett, B. (2019) A participatory epidemiological study of major cattle diseases amongst Maasai pastoralists living in wildlife-livestock interfaces in Maasai Mara, Kenya. *Tropical Animal Health and Production* . <https://doi.org/10.1007/s11250-018-01790-1>
4. Bett, B., Ngwili, N., **Nthiwa, D. M.** and Alonso, S. (2018). Association between land use change and exposure to zoonotic pathogens – Evidence from selected case studies in Africa. IN: Reference module in food science.
5. Enström, S., **Nthiwa, D. M.**, Bett, B., Karlsson, A., Alonso, S. and Lindahl J. F. (2017). *Brucella seroprevalence* in cattle near a wildlife reserve in Kenya. <https://doi.org/10.1186/s13104-017-2941-x>
6. **Nthiwa, D. M.**, Odongo, D. O., Ochanda, H., Khamadi, S., and Gichimu, B. M. (2015). “*Trypanosoma* Infection Rates in *Glossina* Species in Mtito Andei Division, Makueni County, Kenya,” *Journal of Parasitology Research*, vol. 2015, Article ID 607432, 8 pages, 2015. doi:10.1155/2015/607432
7. **Nthiwa, D.M.** (2013) Trypanasoma Infection Rates In Glossina Species In Mtito Andei Division, Makueni County, Kenya <http://erepository.uonbi.ac.ke:8080/xmlui/handle/123456789/58775>