

KENNEDY MIYORO MOCHABO

PERSONAL INFORMATION



📍 Department of Veterinary Public Health, Pharmacology and Toxicology (PHPT), Faculty of Veterinary Medicine and Surgery, Egerton University, P. O. Box 536 – 20115, Egerton,, **Kenya**

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Sex Male | Date of birth 30/10/1974 | Nationality Kenyan

EXPERIENCE

01/08/2020 –
Present

Lecturer – Veterinary Public Health, Epidemiology, Biostatistics and Economics

Department of Public Health, Pharmacology and Toxicology (PHPT), Faculty of Veterinary Medicine and Surgery, Egerton University, P. O. Box 536 – 20115, Egerton, **Kenya**
<http://fvms.egerton.ac.ke/>

01/01/2019 –
30/10/2020

Post-Doctoral Research Associate – One Health Horn Project

Collaborative Project by University of Nairobi, University of Liverpool and ILRI
<http://onehealthhorn.net/>

- Conduct research under One Health in the tripartite interface of humans, animals (including wildlife) and environmental health.

06/10/2015 –
31/12/2018

Lecturer – Veterinary Public Health, Epidemiology and Economics

Department of Public Health, Pharmacology and Toxicology (PHPT), Faculty of Veterinary Medicine and Surgery, Egerton University, P. O. Box 536 – 20115, Egerton, **Kenya**
<http://fvms.egerton.ac.ke/>

- Teaching and supervision of both undergraduate and postgraduate students, research through application of agricultural biotechnology product value chains to tackle livestock diseases plaguing Kenya under one-health approach.
- Other responsibilities range from drafting competitive grant proposals to overseeing data collection and analysis, and from preparing reports and disseminations to reviewing peer papers.
- Examinations Officer in the Department of Public Health, Pharmacology and Toxicology w. e. f. June 2017.
- Member of Governance and Quality Assurance Committee.
- Administrative work, consultancies and any other assigned duties.

04/2014 – 09/2015

Research Scientist (Veterinary Researcher)

Kenya Agricultural and Livestock Research Organization (KALRO) –
 Biotechnology Research Institute, Muguga Centre, Box 362 Kikuyu 00902, Kenya
www.kalro.org/Biotechnology_Research_Institute

- Undertook research through application of agricultural biotechnology product value chains to tackle livestock diseases plaguing Kenya under one health approach. Responsibilities ranged from drafting proposals to overseeing data collection and analysis, and from preparing reports and presentations to

- reviewing peer papers.
- 04/2009 – 03/2014
- Administrative work and any other assigned duties.
- Teaching / Research Assistant**
National Research Center for protozoan Diseases, University of Agriculture and Veterinary Medicine, Obihiro, **Japan**.
<http://www.obihiro.ac.jp/~protozoa/eng/index-eng.html>
- Assisting supervisor in teaching undergraduates and in preparation of graduation seminars
 - Supervising JICA participants from developing countries in the laboratory
- 07/2003 – 03/2009
- Cloning, Trypanosome *in vitro* cultivations , EST searches
- Research Officer (Veterinary Researcher / Epidemiologist)**
Kenya Agricultural Research Institute (KARI-TRC)—Kikuyu, **Kenya**
- Undertook multidisciplinary research to tackle primarily tsetse and trypanosomosis, and other livestock diseases plaguing Kenya.
 - Acted as Institute veterinarian for laboratory animals.
 - Represented KARI in the East Africa Semen and Embryo Transfer Association
 - Coordinated all research on improving and disseminating the Orma Boran trypano-tolerant cattle breed to farmers in tsetse-prone areas.
- 06/2008 – 03/2009
- Somali Programs Support Officer**
VETAID, International NGO—Nairobi, **Kenya**
- Supported programmes development and implementation in Somalia, and organized and conducted internal projects reporting & monitoring in Somalia among other duties

EDUCATION & TRAINING

Institution and location	Dates (from - to)	Degree	Field of study
Gifu University, Gifu City, Japan	01/04/2010 – 13/03/2014	PhD	Veterinary sciences – Molecular epidemiology
University of Nairobi, Nairobi, Kenya	10/2000 – 05/2004	MSc	Veterinary Epidemiology and Economics
University of Nairobi, Nairobi, Kenya	01/1993 – 11/1998	BVM	Veterinary Medicine
Egerton University	01/012016 – Ongoing	MBA	Strategic Management

SKILLS AND ABILITIES

- A team-player with strong organizational and social skills
- Prompt and effective planning, implementation, and evaluation of projects
- Word processing, data management, and analysis, including use of participatory approaches (PA tools)
- Both versatile and dynamic in scientific settings and amenable to working with vulnerable communities
- Trainer-of-Trainees on scholarly publishing and research writing

LANGUAGES

- English: Good reading, writing, understanding and verbal abilities
- Kiswahili: Native Speaker
- Ekegusii: Local dialect speaker
- Japanese: Fair reading, writing, understanding and verbal abilities

HOBBIES & PERSONAL

- Citizen of Kenya; married with two children
- Current Gross Salary: **217,622/-** KES/month.
- Scrabble, badminton, watching theatre

HONOURS, AWARDS AND MEMBERSHIPS

- National Research Fund Reviewer
- 2009 – Japanese Government Scholarship (*Monbukagakusho*)
- 2000 – University of Nairobi Masters scholarship
- Member of Kenya Veterinary Board (KVB)
- Member of Kenya Veterinary Association (KVA)
- Member of Kenya-Japan Alumni Association (KEJAA)
- Chairman Emeritus / Member, Gusii Veterinary Surgeons Welfare
- Member of Gusii Egerton University Dons Association (GEUDA)

PUBLICATIONS

1. Mochabo KM, Onono JO, Oluga GA, Nanyingi M, Mbaria J, Fevre E, Baylis M. (2020). Mapping out Zoonotic Risks in the Ruminants' Value Chain and their Implication to Pastoral Livelihoods in Kajiado County, Kenya. In preparation.
2. Chemuliti JK., Ogolla KO., Mbogoh SG., **Mochabo KM.**, Kibore BK. (2021). Practices and trends in last-mile delivery of poultry vaccines in rural areas in developing countries: the case of Newcastle disease vaccine delivery in Bungoma County, Kenya. *bioRxiv* 2021.02.19.431949; doi: <https://doi.org/10.1101/2021.02.19.431949>
3. **Mochabo KM**, Suganuma K, Thu-Thuy N, Zhou M, Kawazu S, Suzuki Y Inoue N (2018). Recombinant Protein from *Trypanosoma Congolense* a Good Diagnostic Antigen in Immunochromatographic Test. *Egerton Journal of Science and Technology*, 16: 1-21.
4. **Mochabo KM**, Zhou M, Suganuma K, Kawazu S, Suzuki Y, Inoue N (2013). Expression, immunolocalization and serodiagnostic value of Tc38630 protein from *Trypanosoma congolense*. *Parasitology Research*, 112(9): 3357-3363.
5. Suganuma K, **Mochabo KM**, Hakimi H, Yamasaki S, Yamagishi J, Asada M, Kawazu S, Inoue N (2013). Adenosine-uridine-rich element is one of the required cis-elements for epimastigote form stage-specific gene expression of the congolense epimastigote specific protein. *Molecular and Biochemical Parasitology*, 191(1): 36-43.
6. Munsimbwe L., Suganuma K., Yamasaki S, **Mochabo K**, Kawazu S, Inoue N (2013). Study on endocytosis and haemoglobin uptake in different developmental stages of *Trypanosoma congolense*, IL3000 strain. *Journal of Protozoology Research*, 23: 14-20.
7. **Mochabo MOK**, Changasi RE, Muriuki G, Godiah LM, Karanja SM (2010). Tsetse and Livestock Disease Situation in a Ranch and Surrounding Farms of Makueni District, Kenya. *The Kenya Veterinarian*, 34: 1-12.
8. **Mochabo MOK**, Kitala PM, Gathura PB, Ogara WO, Eregae EM, Kaitho TD, Catley A (2006). The socio-economic impact of important camel diseases as perceived by a pastoralist community in Kenya. *Onderstepoort Journal of Veterinary Research*, 73(4): 269-274.
9. **Mochabo MOK**, Kitala PM, Gathura PB, Ogara WO, Eregae ME, Kaitho TD, Catley A (2006). Participatory approaches in the control of camel trypanosomosis in Lapur Division of Turkana District, Kenya. *The Kenya Veterinarian*, 30: 1-9.

10. **Mochabo, M. O. K.**, Kitala, P. M., Gathura, P. B., Ogara, W. O., Eregae, E. M., Kaitho, T. D. & Catley A (2005). Community perceptions of important camel diseases in Lapur Division of Turkana District, Kenya. *Tropical Animal Health and Production*, 37(3):187-204.
11. Nyamwaro SO, Murilla GA, **Mochabo MOK**, Wanjala KB (2007). Conflict minimizing strategies on natural resource management and use: the case of managing and coping with conflicts between wildlife and agro-pastoral production resources in Transmara District, Kenya. ECAPAPA report <http://www.ilri.org/Link/Publications /Publications/Theme%201/Pastoral%20conference/Papers/NRMU>.

REFEREES

**DR GABRIEL ABOGE
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**PROF. CHARLES MULEKE
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Selected Conference Papers / Posters

1. Mochabo Kennedy Miyoro, Nanyingi Mark, Onono A. Joshua, Fevre Eric M, Baylis Mathew. Mapping out Zoonotic Risks in the Ruminants' Value Chain and their Implication to Pastoral Livelihoods in Kajiado County, Kenya. Sixth World One Health Congress Virtual Conference held in Edinburgh from 30th October to 3rd November 2020.
2. Mochabo Kennedy Miyoro, Nanyingi Mark, Onono A. Joshua, Fevre Eric M, Baylis Mathew. An Investigation of Zoonoses in the Dairy Value Chains and their Implication to Pastoral Livelihoods in Kajiado County, Kenya. Poster Presentation in the 3rd OHCEA International One Health Conference, held 24th – 26th July 2019, Kampala Uganda.
3. Mochabo KM, Kombo HK. The Mergers and Organizational Structure Effect on Decision-Making and Performance of Employees: The Case of KALRO. In Kenya Veterinary Association and Commonwealth Veterinary Association Joint 50th Anniversary Celebrations and International Scientific Conference held at Safari Park Hotel- Nairobi, Kenya on 26th to 29th April 2017.
4. Mochabo KM, Keisuke Suganuma, Thuy NT, Zhou M, Kawazu S, Suzuki Y and Inoue N. Recombinant protein from *Trypanosoma congolense* a good diagnostic antigen in immunochromatographic test but fails to protect mice from lethal challenge. In 50th Kenya Veterinary Association (KVA) Annual scientific was held in Three Steers Hotel, Meru County from 27th to 29th April 2016.
5. Mochabo KM, Keisuke Suganuma, Thuy NT, Zhou M, Kawazu S, Suzuki Y and Inoue N. Recombinant protein from *Trypanosoma congolense* a good diagnostic antigen in immunochromatographic test but fails to protect mice from lethal challenge. In 3rd EANETT/HAT Platform Scientific Conference on African Trypanosomiasis and Neglected Tropical Diseases. Kinshasa, DRC 17 – 19th September, 2014.
6. Mochabo KM, Thuy NT, Suganuma K, Zhou M, Kawazu S, Suzuki Y and Inoue N. The potential use of recombinant protein in enzyme-linked immunosorbent assay and immunochromatographic test in the diagnosis of African trypanosomiasis. In; Joint International Tropical Medicine Meeting, Bangkok, Thailand, December, 2013,
7. Mochabo KM, Zhou M, Suganuma K, Kawazu S, Inoue N. Expression, immunolocalization and serodiagnostic value of TcIL3000.0.38630 protein from *Trypanosoma congolense*. In; 24th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP) in Perth, Australia, August, 2013.
8. Mochabo KM, Zhou M, Suganuma K, Kawazu S and Inoue N. Identification of a new metacyclic / blood stage specific protein and its application for serodiagnosis of nagana. In; 53rd Annual Meeting of Japanese Society of Tropical Medicine, Obihiro, Japan, September, 2012.
9. Mochabo KM, Zhou M, Kawazu S and Inoue N. Studies on the mechanisms of trypanosome-tsetse interaction. In; 3rd GCOE International Symposium of Animal Global Health, Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Japan, May 2011.
10. Nyamwaro, S. O., Murilla G. A., Mochabo, M. O. K., Wanjala, K. B. Conflict minimising strategies on natural resource management and use: the case of managing and coping with conflicts between wildlife and agro-pastoral production resources in Transmara District, Kenya. Regional Workshop on Capacity Building in Natural Resources Management and use in Eastern and Central Africa, Entebbe, Uganda, May, 2007.
11. Mochabo, M. O. K., Kitale, P. M., Gathura, P. B., Ogara, W. O., Eregae, E. M., Kaitho, T. D., Catley, A. In; 9th KARI Biennial Scientific Conference and Agricultural Research Forum, KARI Headquarters, Nairobi, Kenya, November, 2004.
12. Mochabo, M. O. K., Kitale, P. M., Gathura, P. B., Ogara W. O., Eregae, M. E., Kaitho, T. D. and Catley, A. Participatory approaches in the control of camel trypanosomiasis in Lapur Division of Turkana District, Kenya. In; Annual Kenya Veterinary Association (KVA) Scientific Conference held at Garissa, Kenya, April, 2003.

Degree Theses

1. Mochabo KM (2013). Identification of a New Metacyclic/Blood Stage Specific Protein and its Application for the Control of Nagana. PhD Thesis, Gifu University, Gifu, Japan.
<https://repository.lib.gifu-u.ac.jp/handle/123456789/49027>
2. Mochabo MOK (2003). Community participatory approaches in the epidemiology and control of trypanosomosis in camels in Turkana District, Kenya. MSc Thesis, University of Nairobi, Nairobi, Kenya.
<http://erepository.uonbi.ac.ke/handle/11295/19365>;
<http://sites.tufts.edu/capeipst/files/2011/03/Mochabo-MSc-Thesis.pdf>;

Link to Publications

http://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F4yfIvGYHtuT4wQXEUK3uQk3H1PPsAsfY_vQ19RNqKrHWanchERnGz_r30z6RBJTiE_TBDhvw2VHO19x9DAF09cWLFpVQ&user=CvzfVt4AAAAJ

Collaborative proposals / Projects funded

- 1) Improving Productivity and Market Access for Indigenous Chicken Producers In Western Kenya by Dr Judith Chemuliti, Prof. Stephen Mbogoh, Dr. Benson Kibore, **Dr. Kennedy Mochabo – National Research Fund (NRF)**.
- 2) Evaluation of treatment efficacy of Ascofuranone (AF) against *T. congolense* and *T. vivax* in cattle (calf) (2021).

Consultancies

Consulted for African Society for Laboratory Medicine (ASLM) on training of Qualifying the Workforce for AMR Surveillance for Africa and Asia (QWArS) year 2021/2022

External Examiner of Theses

- 1) Omondi Atieno Eunice (2018). Determination of Optimal Viral Dose, Immunological Response and Survival Rate in Pigs Experimentally Infected with African Swine Fever Virus. MSc. Thesis, University of Nairobi, Kenya.
- 2) Kwoba E. Nafula (2018). Dog Population Demographics and Ecology in Asembo, Siaya County: Implications for Rabies Control. MSc. Thesis, University of Nairobi, Kenya.
- 3) Kahariri Maina Samuel (2018). Sero-Prevalence of Human and Livestock Brucellosis and Associated Risk Factors in Marsabit County, Kenya. MSc. Thesis, University of Nairobi, Kenya.
- 4) Sidouin Metnou Koumetio (2017). Molecular identification and characterization of *Anaplasma* hemoparasites isolated from cattle and sheep in Homabay County, Kenya. MSc. Thesis, University of Nairobi, Kenya.
- 5) Khansa Taha Sedding (2017). Epidemiology of ovine babesiosis in Kajiado Central Sub-County, Kenya. MSc. Thesis, University of Nairobi, Kenya.
- 6) Chacha Isaiah Nchagwa (2017). Knowledge, Attitudes and Practices Regarding Anthrax among Community Members, Health and Veterinary Workers in Maragua, Kenya. MSc. Thesis, University of Nairobi, Kenya.

