

CURRICULUM VITAE

Portas Odula Olwande, Maseno University, P.O. Box 333 – 40105, Maseno, Kenya

Tel: +254 712 412 745, Email: olwandepo@yahoo.com

KEY COMPETENCIES

- Proficient in English and Swahili Languages
- Participatory epidemiology trainer of trainers and practitioner/Master trainer
- Quantitative research approaches application and trainer
- Concept note and proposal development
- Program management, Monitoring and Evaluation Possess good leadership qualities
- Facilitate collaboration, partnerships and stakeholder forums
- Excellent organizational skills and subsequent good time management Ability to pay attention to details
- Honest commitment towards work that inspires to respond to emergencies Observational, analytical and problem-solving skills
- Excellent physical endurance that allows performing field-related activities effortlessly technical specialist in Veterinary Sciences
- Excellent communication and Interpersonal Skills Knowledge management

CAREER SUMMARY

August 2023 to date: Examination and Timetabling Coordinator, Department of Animal and Fisheries Sciences, School of Agriculture, Food Security and Environmental Sciences, Maseno University

June 2017 to date: Lecturer in the School of Agriculture and Food Security, Maseno University, Kisumu, Kenya.

May 2015 to June 2017: Coordinator for both Diploma and Certificate training programmes in Animal Health and Production and Animal Sciences in the Department of Agricultural Sciences, Kisii University

January 2015 to June 2017: Lecturer in the Faculty of Agriculture and Natural Resources Management, Kisii University

October 2012 to January 2015: Assistant Director of Veterinary Services, in-charge of Field Veterinary Services, Department of Veterinary Services, Ministry Agriculture, Livestock and Fisheries, Kabondo South Subcounty, Homa Bay County, Kenya

April 2009 to October 2012: Chief Veterinary Officer, in-charge of Field Veterinary Services, Department of Veterinary Services, Ministry Agriculture, Livestock and Fisheries, Rahuonyo District, Nyanza Province, Kenya

July 2007 to April 2009: Senior Veterinary Officer, in-charge of animal disease surveillance and reporting and District disease control officer, Department of Veterinary Services, Ministry Agriculture, Livestock and Fisheries, Mt Elgon District, Western Province, Kenya

January 1994 to July 2007: Veterinary Officer, in-charge of Veterinary Services, Department of Veterinary Services, Ministry Agriculture, Livestock and Fisheries, Kimilili Division, Bungoma District, Western Province, Kenya.

ACADEMIC QUALIFICATIONS

PhD Degree in Veterinary Epidemiology and Economics. Thesis entitled “*Epidemiological Assessment of Productivity Constraints and Appropriate Measures on Indigenous Chicken Production in southern Nyanza, Kenya*”. University of Nairobi, Kenya, 2014

MSc Degree in Veterinary Epidemiology and Economics. Thesis entitled “*Assessing the productivity of indigenous chicken in southern Nyanza, Kenya*”. University of Nairobi, Kenya, 2009.

Bachelor of Veterinary Medicine (BVM). University of Nairobi, Kenya, 1992.

OTHER TRAINING and CERTIFICATES

2014: Training Workshop on Tsetse and Animal Trypanosomiasis Data Management and Geospatial Analysis at the Multi-Media University, Nairobi, Kenya. Sponsored by the Food for Agriculture of the United Nations, the Italian Development Cooperation, Ministry of Foreign Affairs and the Kenya TseTse and Trypanosomiasis Eradication Council (KenTTEC)

2013: Professional Research Exchange training on Detection and Surveillance of Brucellosis at the Universities of Wyoming and Texas A and M in USA. ***Sponsored by USDA***

2011: Quality Management Systems; Five days training sponsored by Government of Kenya at the Tom Mboya Labour College Kisumu.

2011: Civil Servants Performance Appraisal Training; five days training sponsored by the Government of Kenya at the Kisumu Hotel.

2009: Participatory Epidemiology Refresher Training Course on Participatory Disease Search (PDS) using Participatory Epidemiological (PE) tools. Sponsored by ILRI and Director of Veterinary Services (GOK). At Kunste Hotel, Nakuru.

2009: Simulation Workshop for Highly Pathogenic Avian Influenza (HPAI), sponsored by USAID, FAO and DVS (GOK). At Sunshine Hotel, Kericho.

2009: Introductory Participatory Epidemiology Training Course on Early Detection, Reporting and Surveillance for Avian Influenza in Africa (EDRSAIA), sponsored by ILRI and DVS (GOK) at Kunste Hotel, Nakuru.

1998: Induction course for civil servants organized by Ministry of Agriculture at Busia Farmers' Training Centre.

CONSULTANCY:

a. NATIONAL AND INTERNATIONAL PROJECT END TERM EVALUATION

December 2023: Participated in the End-Term Evaluation of the basic details of the Integrated Lifesaving and Disaster Risk Reduction Initiatives in Sudan, South Sudan, Ethiopia and Kenya (ILDRR) undertaken by Vétérinaires Sans Frontières Germany (VSFG). The project aimed at achieving its overall goals by improving food security and nutrition of smallholder farmers, agro-pastoralists and fisher folk, improving water access, hygiene and sanitation through rehabilitating or upgrading of water sources, support extremely vulnerable households through multipurpose cash and cash-for-work-schemes and improve protection of vulnerable groups through support services against gender-based violence

b. TRAINING MANUALS DEVELOPMENT

February 2022: ILRI Consultant for developing illustrated training manuals on clinical diagnosis of cattle diseases and livestock disease surveillance and information systems for the PRDAIGL project in Burundi. The manuals and tools were approved by ILRI and are in use in the project area for the training of the Animal Health Experts and CAHWS.

July to August 2021: Developing training manuals on participatory epidemiology (PE) and Participatory disease surveillance (PDS) tools for the Regional Integrated Agricultural Development Project in the Great Lakes (PRDAIGL) project, Burundi: Funded by ILRI.

c. TRAINING FACILITATION/ RESEARCH MENTORSHIP ACTIVITIES

November - December 2023: Facilitator during a 5-day Participatory Disease Search (PDS) / Participatory Epidemiology (PE) training for fifteen (16) Government Veterinarians drawn from Burundi, Rwanda, Tanzania and South Sudan at Kigali, Rwanda. The training was funded by FAO and EU.

August 2023: Lead trainer during the Kenya Veterinary Board (KVB) approved Continuous Professional Development (CPD) training for 29 veterinary and para-veterinary professionals organized by *Ecolloby Consultancy Firm* at the Kenya Agricultural and Livestock Research Organization (KALRO), Kakamega, Kenya.

July 2023: Lead trainer during the Kenya Veterinary Board (KVB) approved Continuous Professional Development (CPD) training for 20 veterinary and para-veterinary professionals organized by *Ecolloby Consultancy Firm* at Oyugis, Homabay County, Kenya

July 2022: Lead trainer during a 8-day Participatory Disease Search (PDS) / Participatory Epidemiology (PE) training for fifteen (15) Government Veterinarians and Animal Health technicians stationed in Mandera County, Kenya. The training was organized by the County Government of Mandera in collaboration with USAID and Action Against Hunger.

July 2022: Lead trainer during a 4-day refresher Participatory Disease Search (PDS) / Participatory Epidemiology (PE) training for eleven (11) Government and Private Veterinarians and Animal Health technicians stationed in West Pokot County, Kenya. The training was organized by the County Government of West Pokot in collaboration with USAID and Action Against Hunger.

April 2022: Lead trainer during a 3-week ILRI sponsored Participatory Epidemiology (PE), Clinical Diagnosis of cattle diseases and animal disease surveillance and reporting system training, carried out in three training sections of one week each for 30 veterinary technicians and community animal health workers (CAHWs) from the PRDAIGL area in each session at Terra Nova Lodge, Bubanza Province, Burundi.

February 2022: Lead trainer/ mentor during a 5-day ILRI sponsored study visit (exchange visit) to Kenya by a team of senior Government veterinary expert from Burundi with an objective of gaining practical field experiences in livestock disease surveillance and reporting. The team visited major veterinary stations including laboratories, epidemiology unit, vaccine production institute, wildlife services, meat hygiene division among others and familiarized with livestock disease surveillance and management activities.

February 2022: Lead trainer during a 5-day ILRI sponsored Clinical Diagnosis and PE Refresher Training for 12 veterinary extension and research experts at Tanganyika Lodge, Rumonge Province, Burundi

November 2021: Lead trainer during a 10-day Participatory Disease Search (PDS)/ Participatory Epidemiology (PE) training for thirty (30) Burundi Government Veterinarians and Animal Health technicians at Terra Nova Lodge, Bubanza Province, Burundi

November 2020: Lead trainer during a 5-day Participatory Disease Search (PDS) / Participatory Epidemiology (PE) training for twenty (20) Government and Private Veterinarians and Animal Health technicians stationed in West Pokot County, Kenya. The training was organized by the County Government of West Pokot in collaboration with USAID and Action Against Hunger.

October 2018 to February 2019: Academic mentor for five Kenya Government Veterinarians that participated in the In-Service Applied Veterinary Epidemiology Training (ISAVET) in Africa, implemented by FAO and the Institute for Infectious Animal Diseases (IIAD), Texas A&M University to address Emerging Infectious Diseases and Trans-boundary Animal Diseases in 14 countries of East, Central and West Africa.

November, 2018: Lead trainer during a 10-day FAO sponsored Participatory Disease Search (PDS)/ Participatory Epidemiology (PE) training for thirty (30) Government Veterinary Officers and Animal Health technicians drawn from 14 SADC countries in Harare, Zimbabwe.

August 2018: Lead trainer during a 10-day FAO sponsored Participatory Disease Search (PDS)/ Participatory Epidemiology (PE) training for thirty (30) Eritrean Government Veterinary Officers and Animal Health technicians drawn from all over the country at the Ministry of Agriculture headquarters in Asmara, Eritrea.

June 2018: Mentor/ supervisor for 10 veterinarians who participated in the ‘follow-on FAO sponsored epidemiological case studies’, the mentorship programme aimed at equipping the

participants with PE field practical experiences after successfully completed introductory and refresher PE trainings. The case studies assessed Anthrax, PPR and mastitis diseases in Bomet, Kajiado and Nyeri counties, respectively, where a combination of both qualitative and quantitative study approaches were employed. The exercise produced a journal publication entitled ‘Risk Factors Associated with Occurrence of Mastitis in Mathira East in Nyeri County, Kenya’.

April 2016: Facilitator/ trainer during a five-day FAO sponsored Participatory Disease Search (PDS)/ Participatory Epidemiology (PE) training for twenty (20) Kenya Government Veterinary Officers drawn from all over the country in Nakuru (Bontana B Hotel), Kenya; from 25th to 29th April 2016.

WORKSHOPS AND SCIENTIFIC CONFERENCES ATTENDED

May 2018: Conference Presentation: “Integrated Poultry Farming Systems” at the Kenya Veterinary Poultry Association Trust (KVPAT) Continuous Professional Development (CPD) Scientific Conference at Jacaranda Hotel Nairobi.

November 2017: Conference Presentations: 1) “Epidemiological Study Approaches” and 2) “Avian Influenza” at the Kenya Veterinary Association (Nyanza Branch) Continuous Professional Development Scientific Conference at Kisii ATC, Kisii, Kenya.

October 2017: Attended workshop on expert estimation of impact of livestock systems on public health, sponsored by FAO at Gelian Hotel, Machakos, Kenya.

September 2017: Attended the XXth World Veterinary Poultry Association Congress, organized by the World Veterinary Poultry Association (WVPA), at EICC, Edinburgh, UK.

July 2016: Conference Presentations: “Use of Participatory Epidemiological (PE) Tools in Livestock Productivity Improvement Studies” at the Kenya Veterinary Association (Nyanza Branch) Continuous Professional Development Scientific Conference at Mwalimu International Hotel, Kisii, Kenya.

September 2014: Conference Presentations: “Poultry Hatchery Management and Bio-security Measures” at the Kenya Veterinary Association (Nyanza Branch) Continuous Professional Development Scientific Conference at Dudi View Hotel, Oyugis.

July 2014: Conference Presentations: “Indigenous Chicken Diseases and Management with Emphasis on Newcastle and Gumboro diseases” at the Kenya Veterinary Association (Nyanza Branch) Continuous Professional Development Scientific Conference at Maseno ATC, Maseno.

February 2014: Conference Presentations: “Quantification of the Indigenous Chicken Constraints in Homa Bay County” and “Sharing of an Experience on Brucellosis Eradication and Prevention in Texas USA”, at the Kenya Veterinary Association (Nyanza Branch) Continuous Professional Development Scientific Conference at Homa Bay AFT, Homa Bay.

December 2013: Conference Presentation: “Quantification of the Indigenous Chicken Constraints in Homa Bay County” at the Kenya Veterinary Association (Nairobi Branch) Continuous Professional Development Scientific Conference at the Ufungamano House, Nairobi.

February 2013: Conference Presentation: “Comparison of economic impacts of alternative constraint control measures in indigenous chicken production in Nyanza Province, Kenya” at the Kenya Veterinary Association (Nyanza Branch) Continuous Professional Development Scientific Conference at the Lake View Hotel, Kisumu.

RESEARCH ACTIVITIES

October 2018 to February 2019: Spatial and Temporal Distribution of Newcastle Disease Cases Diagnosed in Poultry between 2008 and 2017 at Kericho Regional Veterinary Investigation Laboratory, Kericho, Kenya, sponsored by FAO

October 2018 to February 2019: A retrospective review of spatial and temporal distribution of anthrax cases at the Regional Veterinary Investigation Laboratory, Nakuru, Kenya., sponsored by FAO, Kenya

June 2018: Risk Factors Associated with Occurrence of Mastitis in Mathira East in Nyeri County, Kenya, sponsored by FAO, Kenya

2010 to 2011: PhD research

Epidemiological Assessment of Productivity Constraints and Appropriate Measures on Indigenous Chicken Production in southern Nyanza, Kenya. Sponsored by Pan-African Tsetse and Trypanosomiasis Eradication Campaign (PATTEC) Kenya. Applied participatory epidemiological (PE) tools.

March 2010: Assessed the prevalence of Newcastle, Gumboro and Avian influenza using participatory disease search (PDS)/ participatory epidemiological (PE) tools in Rachuonyo

district, Nyanza province. The project was sponsored by ILRI and Director of Veterinary Services (DVS).

August to September 2009: Carried out targeted surveillance of notifiable Avian Influenza using participatory disease search (PDS)/ participatory epidemiological (PE) tools in Kisumu East, Rachuonyo and Kuria East districts in, Nyanza province. The project was sponsored by ILRI and DVS (GOK).

2007 to 2008: MSc Research

Assessing the productivity of Indigenous Chicken in Rongo and Rachuonyo districts in Southern Nyanza, Kenya. Applied participatory epidemiological (PE) tools.

2007: Survey of bacterial and parasitic organisms causing disease and lowered production in indigenous chickens in Southern Nyanza, Kenya, sponsored by ICAD

PUBLICATIONS

Esther Kamau, Mburu Kimani, Edith Chege, Austine Bitek and **Portas Olwande**; Risk Factors Associated with Occurrence of Mastitis in Mathira East in Nyeri County, Kenya; ECRONICON Journal (open Access); EC Veterinary Science; 2020.

Auma C.O, **Olwande P.O.** and Muturi M.; A retrospective review of spatial and temporal distribution of anthrax cases at the Regional Veterinary Investigation Laboratory, Nakuru, Kenya. Presentation at FAO conference held at the FAO office, Nairobi Kenya; 2019

Kusuri, C. and **Olwande, P.O.**; Spatial and Temporal Distribution of Newcastle Disease Cases Diagnosed in Poultry between 2008 and 2017 at Kericho Regional Veterinary Investigation Laboratory, Kericho, Kenya. Presentation at FAO conference held at the FAO office, Nairobi Kenya; 2019

Olwande P O, Okuthe S O, Ogara W O and Bebora L C; Participatory epidemiological assessment of factors that limit indigenous chicken productivity under free-range system in south western Kenya. Journal: *Livestock Research for Rural Development*. Volume 28, Article #183. Retrieved October 2, 2016, from <http://www.lrrd.org/lrrd28/10/olwa28183.html>

P.O. Olwande, W.O. Ogara, S.O. Okuthe and L.C. Bebora; Comparison of economic impact of alternative constraint control measures in indigenous chicken production in Nyanza

Province, Kenya. Journal: Livestock Research for Rural Development (2013) Volume 25, Article # 38. Retrieved from <http://www.lrrd.org/lrrd25/2/olwa25038.htm>

P.O. Olwande, W.O. Ogara, S.O. Okuthe, G. Muchemi, E. Okoth, M.O. Odindo and R.F. Adhiambo.; Assessing the productivity of indigenous chicken in an extensive management system in southern Nyanza, Kenya. Journal: Tropical Animal Health and Production (2010), 42:283-388. DOI 10.007/s11250-0009-9418-4: Published by Springer.

William Ogara, **Portas Olwande**, Samwel Okuthe, Maurice Odindo and Rubin Ogara; Survey of bacterial and parasitic organisms causing disease and lowered production in indigenous chickens in Southern Nyanza, Kenya. Journal: Bulletin of Animal Health and Production in Africa (2012) Volume 60 No. 3. ISSN 0378 – 9721. AU IBAR, pp. 251 – 256

PhD Thesis:

P.O. Olwande; Epidemiological Assessment of Productivity Constraints and Appropriate Intervention Measures on Indigenous Chicken Production in Southern Nyanza, Kenya; 2014

Msc.Thesis:

P.O. Olwande; Assessing the Productivity of Indigenous Chicken in southern Nyanza, Kenya; 2009.

RESEARCH GRANTS AND RESEARCH COLLABORATIONS

Grant: Kisii University Based Research Grant 2016/2017; Research Project “Integrated Agricultural Practices for Improved Livelihoods in south western Kenya”

Collaboration: January 2017 to date; offering consulting services (lead consultant) in the collaboration between Kisii University and Powerhive East Africa Ltd: In the Development and Implementation of Poultry (indigenous chicken) Microenterprise Programme using electricity powered incubation and brooding systems in Kisii and Nyamira Counties

PROFESSIONAL MEMBERSHIP

Registered: Kenya Veterinary Board (KVB)

Member: Kenya Veterinry Association (KVA)

SECONDARY SCHOOL BOARD OF MANAGEMENT MEMBERSHIP

Jan 2016 to date: St. Johns Ngutu Secondary School: Chairperson Academic Committee
2022: Abol Girls Secondary School

REFEREES

Prof. William O Ogara

P.O. Box 43837 - 00100, Nairobi; Tel: +254 (0) 722 719 828/ 736101942

E-mail : Williamogara@yahoo.com or wogara@gmail.com

Dr. Sam Okuthe

Emergency Centre for Trans-boundary Animal Diseases (ECTAD)

Eastern and Southern Africa Region FAO-UN United Nations Avenue, GIGIRI.

Tel: +254 (0) 735 999 022 / 722 379 401 E-mail: sam.Okuthe@fao.org

Prof. Lily C. Bebora

Department of Veterinary Pathology and Microbiology, College of Agriculture and Veterinary Sciences, University of Nairobi, P.O. Box 29053, Nairobi; Tel: +254 (0) 722614621 E-mail: lilybebora@yahoo.com