

## *CURRICULUM VITAE*



**Name:** Dr. Lucy Wanjiru Njagi (PhD, MSc., BVM)

**Gender:** Female

**Nationality:** Kenyan

**Date & Place of Birth:** December 18, 1972; Embu County

**Marital Status:** Widowed

**Office Address:** University of Nairobi, Faculty of Veterinary Medicine, Department of  
Veterinary Pathology, Microbiology & Parasitology, P.O Box 29053, Code:  
00625, Kangemi-Nairobi, Kenya.

**Email:** [njagiluc@uonbi.ac.ke](mailto:njagiluc@uonbi.ac.ke)/[lucynjg1@gmail.com](mailto:lucynjg1@gmail.com)

**Cell Phone:** +254 710 597 480

### **ACADEMIC RECORD**

- 2008**      **Doctor of Philosophy (PhD);** University of Nairobi  
Thesis title: Endemicity of Newcastle disease virus in village indigenous chickens and the role of carrier ducks
- 2003**      **Master of Science (MSc);** University of Nairobi  
Thesis title: Carrier status, antibiotic and disinfectant sensitivity patterns of *Listeria Monocytogenes* and other aerobic bacteria in scavenging chickens and ducks.
- 1998**      **Bachelor of Veterinary Medicine (BVM);** University of Nairobi (UoN), Kenya
- 1991**      Kenya Certificate of Secondary Education (KCSE); Kangaru Girls Secondary School

### **CAREER POSITIONS HELD**

**Senior Lecturer,** University of Nairobi, Dept. of Vet. Pathology, Microbiology & Parasitology (VPMP), Faculty of Veterinary Medicine, University of Nairobi (Appointed on 8<sup>th</sup> April 2014 to date)

**Lecturer**, University of Nairobi, Dept. of Vet. Pathology, Microbiology & Parasitology (VPMP), Faculty of Veterinary Medicine, University of Nairobi (Appointed on 19th November 2009 to 7<sup>th</sup> April 2014)

**Assistant Lecturer**, University of Nairobi, Dept. of Vet. Pathology, Microbiology & Parasitology (VPMP), Faculty of Veterinary Medicine, University of Nairobi (Appointed on 1<sup>st</sup> June 2003 to 30<sup>th</sup> September 2010)

### **UNIVERSITY TEACHING AND OTHER EXPERIENCE (2003 -TO DATE)**

I have continuously taught in the University of Nairobi, Faculty of Veterinary Medicine, Department of Vet. Pathology, Microbiology & Parasitology. During this period, my teaching duties have been and continue to be:

1. Teaching of **Veterinary Pathology** (General, Systemic, Diagnostic, Forensic pathology; Avian & Wildlife diseases) to Bachelor of Veterinary Medicine **Undergraduate** students.
2. Teaching of **Clinical Pathology** to Veterinary **Undergraduate** and **Postgraduate** students.
3. Teaching **Medicine** (Fish and Avian Diseases) to Bachelor of Veterinary Medicine students; **avian diseases** to BSc Range Management, BSc. Agriculture (Animal Science major) and BSc. Agricultural Education and Extension; **fish diseases** to BSc Fisheries and Aquaculture students.
4. Teaching of **pathology and related subjects** to **Postgraduate students** in the following programs: MSc in Veterinary Pathology and Diagnostics; MSc in Veterinary Pathology and Microbiology and MSc in Clinical Pathology and Laboratory Diagnosis.
5. **Post mortem** and clinical work group demonstrations (including **poultry**) to undergraduate and postgraduate students in the Faculty of Veterinary Medicine.

### **FIELD OF SPECIALIZATION/INTEREST**

- Virology
- Pathology
- Avian Medicine

## PROFESSIONAL AND SOCIAL AFFILIATIONS

1. Registered Veterinary Surgeon by the Kenya Veterinary Board
2. Member of the Kenya Veterinary Association
3. Bronze Life Member of University of Nairobi Alumni Association
4. Member of the Department of Veterinary Pathology, Microbiology & Parasitology Staff Welfare Association

## SCHOLARSHIPS AND AWARDS

1. **Government of Kenya (1993):** To study Bachelor of Veterinary Medicine at the University of Nairobi
2. **University of Nairobi (2000):** To pursue Master of Science Degree in Veterinary Pathology and Microbiology in the Faculty of Veterinary Medicine.
3. **Danish International Development Agency (DANIDA) (2004):** Through the ENRECA program “Improving the Health and Productivity of the Rural Poultry in Africa” (IHEPRUCA) Grant; sponsorship to undertake PhD studies at both the UON, and the Royal Veterinary & Agricultural University in Denmark.

## RESEARCH GRANTS

**July 2015-June 2017:** Enhancing indigenous village and smallholder commercial chicken productivity through use of effective Gumboro disease vaccination regimes and immune stimulants, funded by **RUFORUM Graduate Grant; Project No. RU 2015 GRS-128: US\$ 59,830 [Principal Investigator]**

**2013:** Capacity Building for Training and Research in Aquatic and Environmental Health in Eastern and Southern Africa (TRAHESA), funded by NORHED, NORAD; **Grant amount: 13,748,854 NOK [Co - investigator]**

**2013:** Multi stakeholder study to enhance the control of diseases that limit production and market access of livestock in Dryland sites of Marsabit Kenya, funded by the UON Centre for Sustainable Dryland Ecosystems and Societies (CSDES); **Grant amount: US\$ 8,000 [Co - investigator]**

**2012:** Enhancing Village Chicken Productivity through Parasite Management for Effective Newcastle Disease Vaccination in Kenya, funded by **RUFORUM Graduate Grant; Project No. RU 2015 GRS-128: US\$ 60,000 [Co - investigator]**

**2011:** Controlling infectious bursal disease through development of local vaccines and establishing effective vaccination program funded by **Science, Technology and Innovations (ST&I); Grant amount: KShs. 2.5 million [Principal Investigator]**

**2010:** Enhancement of sustainable livestock productivity and marketing through control of Rift valley fever virus in Eastern Africa, funded by **RUFORUM Graduate Grant; Grant amount: US\$ 60,000 [Co - investigator]**.

#### **SUPERVISION AND MENTORSHIP OF MASTERS AND PHD STUDENTS**

<b>MSc. Supervision</b>			
<b>Student/Reg. No</b>		<b>Thesis title</b>	<b>Comments</b>
<b>1</b>	Igizeneza Acsa J56/10216/2018	Bacterial carriage and respective antimicrobial susceptibility profiles, with respect to indigenous chickens marketed in Nairobi, Kenya; after heavy rains	MSc. awarded - 2020
<b>2</b>	Henry W. Karoki J56/73504/2014	Bacteriological contamination, antimicrobial effect of lemon and pathogenicity of most prevalent bacteria from African sausages sold in Nairobi County. <i>University of Nairobi.</i>	MSc. awarded - 2019
<b>3</b>	Wahome M. Wambui J56/82629/2015	Infectious bursal disease status, knowledge, attitudes and practices of value chain actors in smallholder indigenous village poultry in Embu County, Kenya. <i>University of Nairobi.</i>	MSc. awarded - 2018
<b>4</b>	Moses Bwana Otieno J56/82628/2015	Effect of stimulants on Immune responses and Efficacy of two Infectious Bursal Disease vaccine strains in domestic chickens in Embu County, Kenya. <i>University of Nairobi.</i>	MSc. awarded - 2018
<b>5</b>	Kevin Odindo Miheso J56/82232/2012	Prevalence and Clinico - pathological study of Avian Leucosis in Chicken in Nairobi County and its Environs. <i>University of Nairobi.</i>	MSc. awarded - 2015

6	David C. Kemboi J56/65131/2010	Dynamics of Newcastle disease vaccine response with respect to season and parasite control and the respective productivity of indigenous chicken in Mbeere district. <i>University of Nairobi.</i>	MSc. awarded - 2014
7	Elisha K. Kutto J56/72056/2008	Bacteriological contamination of farm and market kale in Nairobi and its environs; pathogenicity and antibiotic sensitivity of isolated salmonellae. <i>University of Nairobi.</i>	MSc. awarded - 2012
8	Patrick W. Kamundia J56/70406/2007	Pathological changes associated with pollution and endoparasites in Nile Perch and Tilapia in Lake Victoria, Kenya. <i>University of Nairobi.</i>	MSc. awarded - 2012
9	Stephen K. Mavuti J56/71389/2007	Prevalence, intensity and pathology associated with parasitic infections in ducks in Nairobi and its environs. <i>University of Nairobi.</i>	MSc. awarded - 2011

<b>PhD supervision</b>			
<b>Student/Reg. No</b>		<b>Thesis title</b>	<b>Comments</b>
1.	Patrick Waweru Kamundia	Pathogenic Microbes and Endocrine disrupting chemicals in water and <i>Oreochromis niloticus</i> in lake victoria, Kenya. <i>University of Nairobi.</i>	Thesis/manuscript writing
2.	Elkanah Otiang	Impact of Newcastle Disease Vaccination on Survival and Productivity of Indigenous Chicken and Subsequent Child Nutrition and Growth in Associated Households in Western Kenya. <i>University of Nairobi.</i>	Thesis/manuscript writing
3.	Jane Wanjiku Kuria Githinji	Epidemiology of Infectious Bursal Disease in Kenya. <i>University of Nairobi.</i>	Research level (data analysis)
4.	Wanzila Usyu Mutinda	Isolation, pathological and immunological characterization of Kenyan infectious bursal disease virus strains for vaccine development. <i>University of Nairobi.</i>	PhD awarded – 2016

<b>SUPERVISION OF UNDERGRADUATE PROJECTS</b>
I have supervised 9 undergraduate (BVM, BSc.) student research projects

## THESIS EXAMINATION AS EXTERNAL AND INTERNAL EXAMINER

No.	Name of student	Thesis title	Year
1.	Zahra Zulfikar Mamujee (MSc. - UoN)	Occurrence, clinical features, management, and outcome of limb conditions in dogs in Nairobi County, Kenya	2020
2.	Ncebere Jackson Muriungi (MSc. - UoN)	Pathology and Haemato-Biochemical Changes in Goats feeding on <i>Opuntia stricta</i> and Community Perception of the Plant in Laikipia County, Kenya	2019
3.	Joice Chebet (MSc. - UoN)	Prevalence and Efficacy of Selected Treatments Options against Natural Mite Infestations of Rabbits in Central Kenya	2019
4.	Kipyegon Essau Serem (MSc. - UoN)	Seroprevalence of Infectious Bovine Rhinotracheitis in Naari Sub-location of Meru County, Kenya	2019
5.	Eunice Atieno Omondi (MSc. - UoN)	Determination of Optimal Viral Dose, Immunological Response and Survival Rate in Pigs Experimentally Infected with African Swine Fever Virus	2019
6.	John Kariuki (MSc. - UoN)	Assessment of Prevalence and Antimicrobial Resistance Profiles of <i>Campylobacter</i> species in Commercial Broiler Production Systems in Kenya	2019
7.	Wahome Margret Wambui (MSc. - UoN)	Infectious Bursal Disease in Indigenous Village Chicken, Ducks and Turkeys in Embu County, Kenya: Status; Knowledge, Attitudes and Practices of Value Chain Actors	2018
8.	Macharia James Kariuki (MSc. - UoN)	Prevalence, Pathotypes and Antimicrobial Resistance of <i>Escherichia coli</i> Isolated from Livestock and Rats in Korogocho and Viwandani Slums of Nairobi County	2018
9.	Mavuti Stephen Kitonga (PhD - UoN)	Effects of Water Physico-Chemical Properties, Pollution and Parasitism on Quality of Farmed Fish in Nyeri County, Kenya	2018
10.	Samuel Maina Kahariri (MSc. - UoN)	Sero-Prevalence of Human and Livestock Brucellosis and Associated Risk Factors in Marsabit County, Kenya	2018
11.	Fatma Suleiman Ali (MSc. - SUA)	Prevalence and characterization of <i>Staphylococcus aureus</i> in fresh Indian Mackerel Fish ( <i>Rastrelliger kanagurta</i> ) in Unguja island	2017
12.	Augustino Alfred Chengula (MSc. - SUA)	Molecular Epidemiology of Rift Valley Fever and its socio-economic impact in selected areas of Tanzania	2012
13.	Wilson Kuria Gachugia (MSc. - UoN)	Prevalence and Pathology associated with Caprine Arthritis Encephalitis Disease in Goats in Thika, Nairobi and Machakos Districts, Kenya	2012

<b>No.</b>	<b>MEMBER OF EXAMINATION BOARD FOR:</b>		
	<b>Name of student</b>	<b>Degree</b>	<b>Year</b>
<b>1.</b>	Awili Hilary Oluoch	MSc	2020
<b>2.</b>	Edwin Willie Mwangi	PhD	2019
<b>3.</b>	Peninah Wamboi	MSc	2019
<b>4.</b>	Nancy Ndinda Mulwa	MSc	2019
<b>5.</b>	Wambugu R. Nyawira	MSc	2019
<b>6.</b>	Linet Mwendu Kaaria	MSc	2019
<b>7.</b>	Rimfa Amos Gambo	MSc	2019
<b>8.</b>	Macharia James Kariuki	MSc	2018
<b>9.</b>	Nguro Bilha Njeri	MSc	2017
<b>10.</b>	Kevin Sitati Sinoya	MSc	2017
<b>11.</b>	Odhiambo Dennis Ochieng	MSc	2017
<b>12.</b>	Mutinda Wanzila Usyu	PhD	2016
<b>13.</b>	Lekerpes Saiwana Shadrack	MSc	2015
<b>14.</b>	Shepelo Getrude Peter	MSc	2015
<b>15.</b>	Mbugua David	MSc	2015
<b>16.</b>	Mbindyo Sharon Nthenya	MSc	2015
<b>17.</b>	Portas Odula Olwande	PhD	2013
<b>18.</b>	Victoria Ngundu Mutua	MSc	2012
<b>19.</b>	Mutinda Wanzila Usyu	MSc	2011

## TRAINING ATTENDED AND CONTINUING PROFESSIONAL DEVELOPMENT (CPD) PARTICIPATION

<b>2020</b>	Attended and actively participated in an online AMR Customization workshop organized by Africa One Health University Network ( <b>AFROHUN</b> ) Kenya, September 21 <sup>st</sup> to 25 <sup>th</sup> , 2020.
<b>2020</b>	Facilitated and participated in Poultry training workshop for ILRI staff on poultry handling, inoculation, sample collection and necropsy at the Department of Veterinary Pathology, University of Nairobi, February 25 <sup>th</sup> to 27 <sup>th</sup> , 2020
<b>2019</b>	Participated in a training course on “Pedagogy, Andragogy and Mentorship Training” course organized by the Centre for Pedagogy and Andragogy (CEPA), University of Nairobi at CCU, Main Campus, Nairobi, Kenya, June 19 <sup>th</sup> -21 <sup>st</sup> , 2019
<b>2017</b>	Attended and actively participated in a Lecturer Didactics Training Workshop organized jointly by University of Nairobi and PREPARE - BSc Project, held at Clinical Studies Department, Upper Kabete Campus, and University of Nairobi, Kenya, January 18 <sup>th</sup> and 19 <sup>th</sup> , 2017.
<b>2015</b>	Participated in a PhD supervision training workshop organized by University of Nairobi Enterprises and services limited, held at Maanzoni lodge, Kenya, May 4 <sup>th</sup> to 7 <sup>th</sup> , 2015.
<b>2014</b>	Participated in a Workshop and Training on practical approaches for diagnosis and treatment of poultry diseases, held in the Department of Veterinary Pathology, Microbiology and Parasitology, University of Nairobi, Kenya, August 6 <sup>th</sup> , 2014.
<b>2014</b>	Participated in a Workshop and Training on One Health Leadership Training held at Hotel Cathay, Nakuru, March 24 <sup>th</sup> to 28 <sup>th</sup> , 2014.
<b>2014</b>	Participated in a TRAHESA Project inception meeting and MSc curriculum development workshop, held at Hilux Hotel, Morogoro, Tanzania, February 5 <sup>th</sup> to 12 <sup>th</sup> , 2014.
<b>2014</b>	Participated in a AGRA – Wageningen UR Workshop Competence and Skills Training for PhD supervisors and established Scientists, held at the College of Agriculture and Veterinary Sciences, University of Nairobi, January 15 <sup>th</sup> to 17 <sup>th</sup> , 2014
<b>2013</b>	Participated (as member of the organizing committee and facilitator) in a stakeholder’s workshop on enhancing village chicken productivity through parasite management for effective Newcastle disease vaccination in Mbeere district, Embu County, December 2013
<b>2013</b>	Participated in a workshop and training on science knowledge base (UONSK) e-learning, held at the College of Agriculture and Veterinary Sciences, University of Nairobi, August 6 <sup>th</sup> to 8 <sup>th</sup> , 2013.
<b>2013</b>	Participated in a workshop and training on forensic science and welfare of birds of prey and the interface with poultry and other industries, held in the Department of Veterinary Pathology, Microbiology and Parasitology, University of Nairobi, Kenya, July 3 <sup>rd</sup> , 2013.
<b>2013</b>	Participated (as member of the organizing committee and facilitator) in a Continuing Professional Development (CPD) workshop and training on Forensic science and Welfare of birds of Prey and the interface with poultry and other industries Science in the Department of Veterinary Pathology Microbiology & Parasitology, University of Nairobi, July 2013
<b>2013</b>	Participated in an inter-University workshop to validate the in-service training needs in One Health (OH) Emerging Pandemic Threats Programs, held at Silver Springs hotel,



	Nairobi, June 24 <sup>th</sup> , 2013.
<b>2013</b>	Participated in an inter-University workshop to nurture collaboration, curriculum review, co-teaching and partnerships in One Health (OH) Emerging Pandemic Threats Programs, held at Panari hotel, Nairobi, January 21 <sup>st</sup> to 24 <sup>th</sup> , 2013.
<b>2012</b>	Participated in a Bio-Ethics in Research workshop and training held at Paediatric Training and Clinical Centre, College of Health Sciences, University of Nairobi, November 26 <sup>th</sup> to 30 <sup>th</sup> , 2012.
<b>2012</b>	Participated in a regional workshop to identify targeted practical and applied One Health (OH) related in-service training programs; held at Kunduchi Beach Hotel, Dar es Salaam, Tanzania, September 17 <sup>th</sup> to 20 <sup>th</sup> , 2012.
<b>2011</b>	Participated (as member of the organizing committee and facilitator) in a Continuing Professional Development (CPD) workshop and training on Forensic Veterinary Science held in the Department of Veterinary Pathology Microbiology & Parasitology, University of Nairobi, May 18 <sup>th</sup> May 18 <sup>th</sup> , 2011
<b>2010</b>	Participated in a workshop and training on strategies for promotion of good animal welfare; held at Agricultural Information Resource Centre, Nairobi, October 28 <sup>th</sup> and 29 <sup>th</sup> 2010.
<b>2010</b>	Participated in a workshop and training on Sanitary /Phytosanitary (SPS) and Risk Analysis; held in Addis Ababa, Ethiopia, September 14 <sup>th</sup> to 24 <sup>th</sup> , 2010.
<b>2010</b>	Participated in a workshop and training on PhD supervision; held in the University of Nairobi, College of Agriculture and Veterinary Sciences, March 2 <sup>nd</sup> to 4 <sup>th</sup> , 2010.
<b>2009</b>	Participated in a workshop and training on Performance enhancement strategies held in University of Nairobi, Kenya, January 31 <sup>st</sup> , 2009.
<b>2009</b>	Participated in a workshop and training on Poultry Health for Development, held at Agricultural information Resource Centre, Nairobi, April 29 <sup>th</sup> to May 8 <sup>th</sup> , 2009
<b>2007</b>	Participated in a workshop and training on Avian Flu School and Poultry Health, held at the Faculty of Veterinary Medicine, University of Nairobi, Kenya, July 24 <sup>th</sup> to 27 <sup>th</sup> , 2007.
<b>2007</b>	Participated in a workshop and training on Proposal and Scientific writing, held at KCB training centre, Kenya School of Monetary studies, Nairobi; organized by University of Nairobi, CAVS, November 19 <sup>th</sup> to 25 <sup>th</sup> , 2007.

## PUBLICATIONS IN REFEREED JOURNAL

<b>1.</b>	Igizeneza Acsa, Bebora Lilly Caroline, Nyaga Philip Njeru, <b>Njagi Lucy Wanjiru</b> (2021). "Preliminary Study on Disinfectant Susceptibility/Resistance Profiles of Bacteria Isolated from Slaughtered Village Free-Range Chickens in Nairobi, Kenya", <i>International Journal of Microbiology</i> , vol. 2021, Article ID 8877675, 7 pages. <a href="https://doi.org/10.1155/2021/8877675">https://doi.org/10.1155/2021/8877675</a>
<b>2.</b>	Otiang E, Thumbi SM, Campbell ZA, <b>Njagi LW</b> , Nyaga PN, Palmer GH (2021). Impact of routine Newcastle disease vaccination on chicken flock size in smallholder farms in western Kenya. <i>PLoS ONE</i> 16(3): e0248596. <a href="https://doi.org/10.1371/journal.pone.0248596">https://doi.org/10.1371/journal.pone.0248596</a>
<b>3.</b>	Otiang E, Campbell ZA, Thumbi SM, <b>Njagi LW</b> , Nyaga PN, Palmer GH (2020). Mortality as the primary constraint to enhancing nutritional and financial gains

	from poultry: A multi-year longitudinal study of smallholder farmers in western Kenya. PLoS ONE 15(5): e0233691. <a href="https://doi.org/10.1371/journal.pone.0233691">https://doi.org/10.1371/journal.pone.0233691</a>
4.	Mutinda W.U, Mbuthia P.G., <b>Njagi L.W.</b> , Bebora L.C. and Nyaga P.N. (2019): Pathogenicity of Kenyan Infectious Bursal Disease Virus Isolates in Indigenous Chickens. Int. J. Poult. Sci., 18 (11): 523-529
5.	Igizeneza A, Bebora L. C, Nyaga P. N. and <b>Njagi L. W.</b> (2018): Antibiotic resistance in bacteria isolated from indigenous slaughter chicken in Nairobi, Kenya. East African Medical Journal Vol. 95 No. 10
6.	Karoki W.H., Karanja D.N., Bebora L.C., and <b>Njagi L.W.</b> (2018): Isolation, Characterization, and Quantification of Bacteria from African Sausages Sold in Nairobi County, Kenya. Hindawi International Journal of Food Science Volume 2018, Article ID 3861265, 9 pages <a href="https://doi.org/10.1155/2018/3861265">https://doi.org/10.1155/2018/3861265</a>
7.	Mulei I. Nyaga, P., Mbuthia, P. Waruiru, R., <b>Njagi L.</b> and others (2018). Infectious Pancreatic Necrosis virus isolated from farmed Rainbow Trout and Tilapia in Kenya is identical to European Isolates. Journal of Fish Diseases. DOI:10.1111/jfd.12807
8.	Wahome, M.W., <b>Njagi, L.W.</b> , Nyaga, P.N., Mbuthia, P.G., Bebora, L.C. & Bwana, M.O. 2018. Knowledge, attitudes and practices of indigenous chicken value chain actors in relation to infectious bursal disease transmission in Kenya. Ruforum working Document Series (ISSN 1607-9345), No. 17 (2): 511-518, <a href="http://repository.ruforum.org">http://repository.ruforum.org</a>
9.	Waruiru, R. M., S K Mavuti, P G Mbuthia, <b>L W Njagi</b> . 2018. Prevalence and intensity of gastrointestinal helminth infestations of free range domestic ducks in Kenya. Livestock Research for Rural Development 30 (4) 2018
10.	Bwana, Moses; <b>Njagi, Lucy</b> ; Nyaga, Philip; Mbuthia, Paul; Bebora, Lily; Wahome, Margaret; Mutinda, Wanzila; Kitala, Philip (2017): Stinging Nettle and Neem enhance antibody response to local killed and imported live Infectious Bursal Disease Vaccines in Indigenous Chicken in Kenya. Poultry Science journal 97:447–454; <a href="http://dx.doi.org/10.3382/ps/pex329">http://dx.doi.org/10.3382/ps/pex329</a>
11.	Chege H.W, Kemboi D. C, Bebora L. C, Maingi N, Mbuthia P. G, Nyaga P. N and <b>Njagi L. W.</b> (2017): Efficacy of Piperazine citrate, Levamisole hydrochloride and Albendazole in the treatment of chicken naturally infected with gastrointestinal helminths. Livestock Research for Rural Development 29(5) 2017
12.	KW Maina, PG Mbuthia, RM Waruiru, J Nzalawahe, JW Murugami, <b>LW Njagi</b> , RH Mdegela and SK Mavuti (2017). Risk factors associated with parasites of farmed fish in Kiambu County, Kenya. International Journal of Fisheries and Aquatic Studies; 5(4): 217-223.
13.	Miheso K O, Mbuthia P G, <b>Njagi L W</b> , Karanja D N, Gathumbi P K, Shah D N, Wanjohi C W and Murithi M R (2017). Seroprevalence of Avian Leucosis in chicken in Nairobi and surrounding Counties. Livestock Research for Rural Development. Volume 29, Article #52. Retrieved March 17, 2017, from <a href="http://www.lrrd.org/lrrd29/3/mihe29052.html">http://www.lrrd.org/lrrd29/3/mihe29052.html</a>
14.	M O Bwana, <b>L W Njagi</b> , P N Nyaga, P G Mbuthia, L C Bebora, M W Wahome, W U Mutinda <sup>1</sup> and P M Kitala <sup>2</sup> (2017). Effects of different infectious Bursal disease vaccination regimes on biochemical and haematological parameters of indigenous

	chicken in Kenya. Livestock Research for Rural Development 29 (5)
15.	Wahome MW*, <b>LW Njagi</b> , PN Nyaga, PG Mbuthia, LC Bebora and MO Bwana (2017). Occurrence of Antibodies to Infectious Bursal Disease Virus in Non-vaccinated Indigenous Chicken, Ducks and Turkeys in Kenya. Vet Sci, 6(3): 159162. <a href="http://www.ijvets.com">www.ijvets.com</a>
16.	Waruiru, R. M., S K Mavuti, P G Mbuthia, <b>L W Njagi</b> , M N Mutune and R O Otieno. 2017. Prevalence of ecto-and haemo-parasites of free-range local ducks in Kenya. Livestock Research for Rural Development 29 (7) 2017
17.	Bwana M.O., <b>Njagi, L.W.</b> , Nyaga P.N., Mbuthia P.G., Bebora L.C., Wahome M.W. Mutinda W.U. and Kitala P.M. 2016. Growth promotive effects of neem and stinging nettle in indigenous chickens in Kenya. Ruforum working Document Series (ISSN 1607-9345) No. 14 (1): 833-838, <a href="http://repository.ruforum.org">http://repository.ruforum.org</a>
18.	W. U. Mutinda, <b>L. W. Njagi</b> , P. N. Nyaga, L. C. Bebora, P. G. Mbuthia, D. Kemboi, J. Githinji, and A. Muriuki (2015). Isolation of Infectious Bursal Disease Virus Using Indigenous Chicken Embryos in Kenya. International Scholarly Research Notices. Volume 2015, Article ID 464376, <a href="http://dx.doi.org/10.1155/2015/464376">http://dx.doi.org/10.1155/2015/464376</a>
19.	D. C. Kemboi, H. W. Chege, L. C. Bebora, P. N. Nyaga, <b>L. W. Njagi</b> , N. Maingi, P. G. Mbuthia and J. M. Githinji (2014). Effect of parasite control on immune response to Newcastle Disease vaccination in village chicken, Mbeere sub county. Livestock Research for Rural Development 26 (2), <a href="http://www.lrrd.org/lrrd26/2/kemb26034.htm">http://www.lrrd.org/lrrd26/2/kemb26034.htm</a>
20.	H. W. Chege, D. C. Kemboi, L. C. Bebora, N. Maingi, P. N. Nyaga, P. G. Mbuthia, <b>L. W. Njagi</b> and J. Githinji (2014). Chicken parasites and local treatments used against them in Mbeere District, Kenya. Livestock Research for Rural Development 26 1), <a href="http://www.lrrd.org/lrrd26/1/cheg26002.htm">http://www.lrrd.org/lrrd26/1/cheg26002.htm</a>
21.	D. C. Kemboi, H. W. Chege, L. C. Bebora, N. Maingi, P. N. Nyaga, P. G. Mbuthia, <b>L. W. Njagi</b> and J. M. Githinji (2013). Seasonal Newcastle disease antibody titer dynamics in village chickens of Mbeere District, Eastern Province, Kenya. Livestock Research for Rural Development 25 (10), <a href="http://www.lrrd.org/lrrd25/10/kemb25181.htm">http://www.lrrd.org/lrrd25/10/kemb25181.htm</a>
22.	Sabuni, Z.A., P. G. Mbuthia, N. Maingi, P. N. Nyaga, <b>L. W. Njagi</b> , L. C. Bebora and J. N. Michieka (2013). Skin lesions associated with ectoparasitic infestation in indigenous chickens in Eastern province of Kenya. Research Journal of Poultry Sciences, 6 (3): 53-58; <a href="http://medwelljournals.com/abstract/?doi=rjpscience.2013.53.58">http://medwelljournals.com/abstract/?doi=rjpscience.2013.53.58</a>
23.	<b>L.W. Njagi</b> , P. N. Nyaga, L. C. Bebora, P. G. Mbuthia, and U. Minga (2012). Effect of immunosuppression on Newcastle disease virus persistence in ducks with different immune status. ISRN Veterinary Science, doi:10.5402/2012/253809
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3.	Chege H W, D C Kemboi, L C Bebora, N Maingi, P G Mbuthia, P N Nyaga, <b>L W Njagi</b> and J Githinji. 2014. Seasonality of ecto-and –endoparasites in indigenous chicken of Mbeere Sub-county, Kenya. Presented at the 9th Biennial Scientific Conference, theme ‘Enhancing Livelihood through Improvement in Animal Health and Production in a Changing Environment’, held on 3rd to 5th September 2014 at the FVM Upper Kabete Campus. (Abstract No. 03-2)
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5.	Kemboi, D.C., H.W. Chege, L.C. Bebora, N. Maingi, P.N. Nyaga, P.G. Mbuthia, <b>Njagi L.W.</b> , Githinji J.M. Effect of parasite control on Newcastle disease vaccination response in free-ranged family chicken in Eastern province, Kenya, 47th Kenya Veterinary Association (KVA) annual Scientific conference held in Whitesands hotel, Mombasa, Kenya, 2013
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7.	Chege, H.W., D.C.Kemboi, L.C. Bebora, N. Maingi, P.G. Mbuthia, P.N. Nyaga, <b>Njagi L.W.</b> , Githinji J.M. Prevalence of ecto and endo parasites in free-range chickens in Mbeere District, Eastern Province, Kenya, September. 3rd RUFORUM Conference, Entebbe, Uganda, 2012.
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25.	Mbuthia, P.G, <b>Njagi, L.W</b> , Nyaga, P.N., Michieka, J.N., Bebora, L.C., R.O.Otieno, Minga, U.M, and J. E. Olsen. Preliminary study of <i>Tetrameres species</i> infestations in different age groups of village free – range chickens in Embu and Mbeere districts, Kenya. Biennial FVM scientific conference, 2006
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29.	Mbuthia, P.G., P.N. Nyaga, L.C. Bebora, <b>L.W. Njagi</b> , U. Minga and J.E. Olsen. Ducks in rural and semi – urban poultry production. Paper presented in the National workshop on “Use of research results in the development of smallholder poultry projects,” held at ILRI, Nairobi, Kenya, on 29th – 30th October, 2003
30.	Mbuthia, P.G., <b>L.W. Njagi</b> , P.N. Nyaga, L.C. Bebora, U. Minga and J.E. Olsen. Clinical signs of fowl cholera in experimental immunosuppressed and nonimmunosuppressed Kenyan indigenous chickens and ducks. A paper presented at the Kenya veterinarian association annual general meeting and scientific conference held in Nomad palace, Garissa, Kenya, 2003
31.	Mbuthia, P.G., <b>L.W. Njagi</b> , L.C. Bebora, G.M. Mugeru, P.N. Nyaga, U. Minga and J.E. Olsen. Hatchability and fertility of indigenous chicken and duck eggs, and some causes of chick and duckling mortality in Kenya. Biennial FVM scientific conference, 2002.
32.	Mbuthia, P.G., <b>L.W. Njagi</b> , L.C. Bebora, G.M. Mugeru, T.A. Ngatia, W.K. Munyua, P.N. Nyaga, U. Minga and J.E. Olsen. Preliminary findings on the carrier status of <i>Pasteurella multocida</i> in farmed and traded healthy – appearing scavenging indigenous chickens and ducks in Kenya. Biennial FVM scientific conference, 2002
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## FACULTY AND DEPARTMENTAL RESPONSIBILITIES

- University of Nairobi Senate Representative for Faculty of Veterinary Medicine (2015 to date).
- Departmental Mentorship Committee member (2016 to date)
- Veterinary Farm Committee member (2013)
- Faculty One health Committee member (2013).
- Veterinary Farm Committee member (2013).
- Subject coordinator: JPM 352- Clinical Pathology; Laboratory animal science (2012 to date)
- Subject coordinator: JPM 653- Pathology of Avian (2012 to date)
- Coordinate: Poultry Diagnostic Services (2012 to date)
- College/Faculty Exhibition Committee member (2011 to February 2013).



- Biosecurity (for putting up car dips and footpaths) Committee member (2010).
- Faculty Postgraduate Studies Committee member (2009 to date).

#### **NATIONAL DUTIES**

- Member, Ministerial task force for reviewing Animal welfare policy (2012)
- Member, Veterinary Vaccine Technical Committee (2011 to 2016).

#### **ACADEMIC REFEREES**

Prof. L.C. Bebora  
Department of Veterinary Pathology, Microbiology and Parasitology,  
University of Nairobi

Prof. N. Maingi  
Dean, Faculty of Veterinary Medicine  
University of Nairobi

Prof. P.N. Mbugua  
Department of Animal Production  
University of Nairobi