

**CURRICULUM VITAE**  
**For**  
**DR KARANJA DAVIS NJUGUNA (Ph.D)**

**a) Personal details**

Title: Doctor

Name: Karanja Davis Njuguna; Date of Birth: 1963; Sex: Male

Nationality: Kenyan; Mobile No.: +254722557883,

E-mail address: [dnkaranja@uonbi.ac.ke](mailto:dnkaranja@uonbi.ac.ke) or [dnrkaranja@gmail.com](mailto:dnrkaranja@gmail.com)

**b) Academic qualifications**

2010 Doctor of Philosophy (**Ph D**) in Veterinary Pathology, University of Nairobi, Faculty of Veterinary Medicine

2002 **Certificate** in Advanced Studies on Protozoan Diseases, Obihiro University of Agriculture and Veterinary Medicine, Hokkaido, Japan

1993 Master's of Science degree (**Msc**) in Veterinary Pathology, Microbiology and Parasitology, University of Nairobi, Faculty of Veterinary

1989 Bachelor of veterinary Medicine (**BVM**), University of Nairobi, Faculty of Veterinary Medicine

**Employment Record**

2015 to date Senior lecturer, Veterinary pathology, since December 2015 in the Department of Veterinary Pathology, Microbiology and Parasitology, College of Agriculture and Veterinary sciences, University of Nairobi. P.O. Box 29053 Code 00625, Kangemi, Nairobi, email: [vetpath@uonbi.ac.ke](mailto:vetpath@uonbi.ac.ke)

1993 - 2015 Lecturer, Veterinary Pathology since 1989.

1990 - 1993 Assistant lecturer, Veterinary Pathology

**c) Relevant Experiences**

1. **Lecturer** in Pathology related courses on Diseases of Domestic Animals and Wildlife, since 1990
2. **Head**, Pathology Section, since 2014
3. **Member**, Under- and Post-Graduate Curriculum Committee of the Veterinary Pathology, Microbiology and Parasitology Programmes, since 2014
4. **Coordinator** of following programmes and courses:
  - ✓ Diagnostic Pathology course for Bachelor of Veterinary Medicine Programm, since 1997
  - ✓ Several courses in MSc in Veterinary Pathology and Diagnostics Programme, since 2010
  - ✓ MSc in Veterinary Pathology, Microbiology and Parasitology Programmes, since 2012
  - ✓ MSc in Veterinary Pathology and Diagnostics programme, since 2014

5. As **Veterinary Pathologist**, I have provided expertise in following:
  - ✓ Laboratory Diagnosis of Domestic Animals and Wildlife Diseases in Necropsy room and Histopathology of Department of Veterinary Pathology, Microbiology and Parasitology, since 1990
  - ✓ **National expert** for Food Agricultural Organization–Emergency Centre for Trans-boundary Animal Diseases (FAO-ECTAD) Train-the-Trainers (ToT) workshop: Basics of Field and Laboratory Diagnosis. A training workshop for Field Veterinarians in five East African Countries held in Department of Veterinary Pathology, Microbiology and Parasitology from 23<sup>rd</sup> -27<sup>th</sup> April, 2012
6. As **Veterinary Educationist**, I have been involved in following activities:
  - **Dean's Representative**, OIE Draft Veterinary Paraprofessional Curricular in-country validation mission for State Department of Livestock, AHITI - Kabete Held on 24 - 28 September, 2018
  - **Presenter**, 4<sup>th</sup> OIE global conference on Veterinary Education: Implementing OIE Guidelines to Ensure the Excellence of the Veterinary Profession: Learning Today Preserving Our Future". Held in Bangkok, Thailand 22 - 24 June, 2016
7. **Researcher, Tusome Case Study (2019)**. A partnership between University of Nairobi, Purdue and Makerere Universities, USAID and Catholic Relief Services (CRS) to Assess the Implementation of Tusome Programme in Kenyan Primary Schools. Held in four Counties of Kenya; Mombasa, Garissa, Kakamega and Marakwet between 3<sup>rd</sup> - 16<sup>th</sup> June, 2019
8. As **Educationist in Higher Education**, I have been involved as follows:
  - a. **Trainee**, PREPARE-BSc Trainers of Trainers in Lecturers' Didactic Workshops in Dar es Salaam and Morogoro, Tanzania, February and June, 2015
  - b. **Participant**, PREPARE–BSc Project's Bench-Marking Exercise on University Teaching Processes at University of Copenhagen, Denmark. Hosted by Department of Science Education, IND. Palaver on February 10 - 14, 2014
  - c. **Participant and presenter**, Joint Stakeholder Conference between EDULINK II, ACP-Science and Technology (S&T II) and ACP Caribbean and Pacific research program for sustainable development entitled: Investing in The Knowledge Economy Within ACP Countries, held in ACP House, Brussels, Belgium on 1-2 April, 2014
  - d. **Facilitator** for Pedagogy and Androgogy Academic Staff training programme: Formative and Summative Assessment; and Curriculum Review and Alignment Workshops for Centre for Pedagogy and Androgogy(CEPA), University of Nairobi, held at Central Catering Unit (Main Campus) between November 2018 - June 2019. These were in:
    - College of Agriculture and Veterinary Sciences (CAVS),
    - College of Architect and Engineering (CAE)
    - College of Health Sciences (CHS),
    - College of Biological and Physical Sciences (CBPS)
    - College of Education and External studies (CEES)
    - College of Humanities and Social Sciences (CHSS)
9. **Reviewer**: Independent Evaluation Committee (IEC) for first PhD cohort students for the

Regional Scholarship and Innovation Fund (RSIF) under the Partnership for skills in Applied Sciences, Engineering & Technology (PASET) programme; October 2017 - January 2018

10. **Chief investigator (Tertiary Educationist):** Base-Line Survey of University Staffs' and Students' Knowledge, Perception and Practices in Training Graduates of Agriculture in University of Nairobi, July - August, 2014
11. **Trainee (Tertiary Educationist):** PhD supervision Training Workshop held on 23<sup>rd</sup> – 25<sup>th</sup> March, 2011 in College of Agriculture and Veterinary Sciences, University of Nairobi.

**Publications:** I have over 30 papers published, most recent ones being:

1. **Davis N.K;** Raphael GW; Cecilia MO; Catherine NK (2019). Perceptions and Attitudes of Academic Staff Towards Agricultural Training in Universities. *International Journal for Innovation Education and Research* 7(4): 375 – 386
2. Karoki W.H., **Karanja D.N.**, Bebora L.C., and Njagi L.W (2018). Isolation, Characterization, and Quantification of Bacteria from African Sausages sold in Nairobi County. *Hindawi International Journal of Food Science* Article ID 3861265, 9 pages <https://doi.org/10.1155/2018/3861265>
3. Cecilia MO; Catherine NK; **Davis NK;** Raphael GW (2018). Employer perceptions and attitudes towards agricultural university training in Kenya. *International Journal for Innovation Education and Research* 6:175-185.
4. Miheso KO, Mbuthia PG, Njagi LW, **Karanja DN**, Gathumbi PK, Wanjohi CW and Murithi MR (2017). Seroprevalence of avian leukosis in Nairobi and neighbouring counties. *Livestock Research for Rural Development* 29(3): 1-9
5. **Karanja DN**, Wahome RG, Inyega JO, Muchemi GM, Onyango CM, Kunyanga CN (2016). Current and future careers in agriculture and strategies of optimizing emerging opportunities. A pdf training material for Lecture Didactic and Student Mentorship Programme (2015).
6. Simon Mwangi Kihu, George Chege Gitao, Lily Caroline Bebora, Njenga Munene John, Gidraph Gachunga Wairire, Ndichu Maingi, Raphael Githaiga Wahome, **Davis Njuguna Karanja**, Julius Otieno Oyugi, Ernest Lutomia. Clinical, Pathological and Molecular Investigations of Peste des Petits Ruminants Virus Infection in Goats from Turkana County in Kenya. *British Journal of Virology* 2014, 1: 98-10
7. Okumu PO, Gathumbi PK, **Karanja DN**, Mande JD, Wanyoike MM, Gachuri CK, Kiarie N, Mwanza RN and Bortner DK (2014). Prevalence, pathology and risk factors for coccidiosis in domestic rabbits (*Oryctolagus cuniculus*) in selected regions in Kenya. *Veterinary Quarterly* DIO: 1080/.
8. Kimeli P, Kipyegon AN and **Karanja DN** (2014). Fatal obstructive urolithiasis in a 5 month old buck: A case report. *International Journal of veterinary Science* 3(1): 40-42.
9. Kimeli P, Kipyegon AN, Mwangi WE, Mogoia EGM and **Karanja DN** (2014). Diffuse peritonitis associated with ventral hernia in an adult doe: A case report. *IOSR Journal of Agriculture and veterinary sciences* 7(1):53-55.
10. **Karanja DN**, Ngatia TA, Wabacha JK and Bebora LC. (2013). Systemic porcine

salmonellosis: A potential zoonosis and cause of mortality in small-holder pig farm in Kenya. Tanzania Veterinary Journal 28(1): 8 – 13.

11. **Karanja, D.N.**, Ngatia, T.A., Wabacha, J.K and Bebora, L.C. (2012). Outbreak of neurological disorder associated with streptococcus suis in a pig multiplication unit in Kenya. Kenya Veterinarian 37 (1): 15-17
12. **Karanja D N**, Ngatia T A, Wabacha J K and Bebora L C (2011). Cases of poisoning encountered naturally in smallholder farms in Nairobi and its environs. Kenya Vet 36: 55-63.
13. Muthee J K, Mbaria JM. Thaiyah AG, **Karanja DN** and Gakuya DW (2011). Clinical, hematological, biochemical and pathological manifestations of subacute toxicity due to Nicadra physaloides (L) Gaertn in calves. Bull Anim Hlth Prod Afr. 59: 53-59.
14. Aleri JW, Kipyegon AN, Mande JD, Mulei CM and **Karanja DN** (2011). Acute respiratory distress syndrome due to babesiosis in a dog: case report. Res. J Anim Sci. 5(2): 14-16.
15. **Karanja D N**, Ngatia T A, Wabacha J K, Bebora L C and Ng'ang'a C J (2011). The pathogenic effects associated with natural gastrointestinal helminth infections in pigs in Kenya. Bull Anim Hlth Prod Afr. 59: 53-59.

#### **Academic referees**

1. Prof Githigia SM, Associate Professor and Chairman, Department of Veterinary Pathology, Microbiology and Parasitology, University of Nairobi, Kenya. E-mail address: smgithigia@uonbi.ac.ke. Tel: +254722833639
2. Prof Bebora L C, Professor (Poultry and Microbiology), Department of Veterinary Pathology, Microbiology and Parasitology, University of Nairobi, Kenya. Email:lcbebora@yahoo.co.uk; Mobile Telephone No. +254722614621
3. Prof. N Maingi, Professor (Veterinary Parasitology), Department of Veterinary Pathology, Microbiology and Parasitology, University of Nairobi, Kenya. Email: nmaingi@uonbi.ac.ke; Mobile Telephone No. +254722452969