

CURRICULUM VITAE



PERSONAL INFORMATION

NAME: DR. NICHODEMUS MUTINDA KAMUTI (BVM, MSc.,PhD(ongoing))

GENDER: MALE

DATE AND PLACE OF BIRTH: MARCH 6th, 1993; KITUI CENTRAL SUB-COUNTY,
KITUI COUNTY

NATIONALITY: KENYAN

MARITAL STATUS: MARRIED

CHILDREN: TWO

RELIGION: CHRISTIAN (CATHOLIC)

LANGUAGE: KAMBA, ENGLISH AND KISWAHILI

OFFICE ADDRESS: University of Nairobi

Faculty of Veterinary Medicine

Department of Veterinary Pathology,

Microbiology and Parasitology

P.O. BOX 29053-00625

KANGEMI, NAIROBI

KENYA

HOME ADDRESS: P.O. BOX 249-90200, KITUI, KENYA

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EDUCATION AND TRAINING

Doctor of Philosophy; September,2023 to Date: University of Nairobi, Faculty of Veterinary Medicine, Upper Kabete Campus, Nairobi (Kenya)

Doctor of Philosophy in Veterinary Pathobiology (Pathology option; Currently working on my research project).

Academic Award: Four Years Consortium For Advanced Research Training in Africa (CARTA) PhD Fellowship for my PhD research project titled; **Risk factors, socio-economic impact and morpho-molecular characterization of etiological agent(s) of cutaneous myiasis in Kitui County, Kenya. (5th November,2024 to date).**

Postgraduate; 9th September, 2019 to 23rd September, 2022: University of Nairobi, Faculty of Veterinary Medicine, Upper Kabete Campus, Nairobi (Kenya)

Qualification: Master of Science in Veterinary Pathology and Diagnostics

Thesis title: Etiology, Prevalence, Risk Factors and Pathological Lesions Associated with Canine Cutaneous Myiasis in Kitui County, Kenya

Undergraduate; 13th Jan, 2014 to 18th Jan, 2019: University of Nairobi, Faculty of Veterinary Medicine, Upper Kabete Campus, Nairobi (Kenya)

Qualification: Bachelor of Veterinary Medicine (BVM)

Academic award

- **September,2019:** University of Nairobi merit scholarship to pursue Master of Science in Veterinary Pathology and Diagnostics

December 2012 to February 2013: Computer training at Kitui institute of developmental Studies

Packages covered: Introduction to computers, Microsoft windows, Microsoft word, Microsoft PowerPoint, Microsoft publisher, Microsoft access, Microsoft excel, internet and email

Qualification: Certificate in computer application (credit score)

Secondary school; 2009 to 2012: Matinyani Boys Secondary School, Kitui (Kenya)

Subjects taken: English, Kiswahili, Mathematics, Christian Religious Education, Chemistry, Biology, Physics and Agriculture

Qualification: Kenya Certificate of Secondary Education

Mean grade: A- of 78 points (78/84 points)

Academic awards

- January,2014: Awarded Government of Kenya sponsorship to pursue Bachelor of Veterinary Medicine at the University of Nairobi, Kenya
- 16th June 2013: Certificate of merit, third (3rd) best student in 2012 KCSE results in Matinyani zone, Kitui west district
- 2012: Certificate of participation in National mathematics contest at Mang`u high school, Thika
- 2012: Certificate of leadership as a form four class representative in mathematics club

Primary School: 2000 to 2008: Mutune Primary School, Kitui (Kenya)

Qualification: Kenya Certificate of Primary Education (344 Marks)

WORK EXPERIENCE

24th March, 2023 to Date: Tutorial fellow, Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi

Duties and responsibilities

- Performing large animal necropsy diagnostic procedures (JPM 555) and postmortem report writing
- Marking student postmortem and attachment reports
- Uploading online exam materials
- Conducting both written, practical and oral undergraduate examinations for general pathology (JPM 252), systemic pathology I and II (JPM 351 and JPM 353), clinical pathology (JPM 352), Avian and Fish health (JPM 354), Diagnostic pathology (555) and Animal health and management (AAS 414)
- Member of Department of Veterinary Pathology, Microbiology and Parasitology Public complaints, Resolution and Corruption Prevention committee
- Teaching and examination of JPM 252 (General Pathology), JPM 351 & JPM 353 (Systemic Pathology I & II), JPM 451 (Postmortem demonstrations and lab diagnosis) and JPM 555 (Diagnostic Pathology) to 2nd, 3rd, 4th and 5th year Bachelor of Veterinary Medicine undergraduate students respectively.

May 4th, 2021 to 23rd March, 2023: Graduate assistant, Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, University of Nairobi

Duties and responsibilities

- Performing large animal necropsy diagnostic procedures (JPM 555) and report writing
- Preparation of histopathology teaching materials for general pathology (JPM 252), systemic pathology I and II respectively (JPM 351 and JPM 353)
- Taking undergraduate students through general pathology (JPM 252) and systemic pathology I and II (JPM 351 and JPM 353) histopathology practicals
- Marking student postmortem and attachment reports
- Uploading online exam materials
- Conducting both written, practicals and orals undergraduate exams for general pathology (JPM 252), systemic pathology I and II (JPM 351 and JPM 353), clinical pathology (JPM 352), Avian and Fish health (JPM 354), Diagnostic pathology (555) and Animal health and management (AAS 414)
- Member of Department of Veterinary Pathology, Microbiology and Parasitology curriculum review committee for reviewing questionnaires for PhD in applied Pathobiology
- Member of Department of Veterinary Pathology, Microbiology and Parasitology Public complaints, Resolution and Corruption Prevention committee
- Faculty postgraduate students representative for class of 2019/2020

- Teaching and examination of JPM 351 (Systemic Pathology I) to 3rd year Bachelor of Veterinary Medicine and AAS 414 (Animal health and Management) to 4th year BSc. range management, BSc. agriculture (animal science major) and BSc. agricultural education and extension undergraduates

January 2021 to Present: Private Veterinary Surgeon Practitioner

- Private Veterinary Surgeon practitioner in both large and small animals in Kitui County (**Dr. Kamuti Veterinary services and Lab Diagnostics; Vet on call**)

April 2019 to March, 2020: Kenya Veterinary board field internship in Kitui central sub county, Kenya

INDUSTRIAL FIELD ATTACHMENTS

September 2014 to October 2014: Conducted a field attachment and farm practice at the University of Nairobi, Kanyariri farm

September 2015 to October 2015: Conducted a field and laboratory attachment at the Central Veterinary Laboratories (CVL) at Kabete

September 2016 to October 2016: Conducted a field and laboratory attachment at the University of Nairobi, department of Public health, pharmacology and toxicology (PHPT)

January 2018 to March 2018: Conducted a field and laboratory attachment at Garden veterinary services limited, Runda

Trainings attended

24th May, 2024 - 1st June, 2024: Molecular diagnostic training program at WorldFish Headquarters, Penang, Malaysia.

29th March, 2022: Principles of good clinical practice (GCP VICH GL9) by Clinglobal

Qualification: Certificate of Participation

17th March 2019 to 6th March 2019: OHCEA demosite training at loitoktok

Duties and responsibilities

- Community needs assessment within the Siana and Osirum Maasai manyattas in Loitoktok

Qualification: Certificate of Participation

14th July to 19th July: Attended Bee keeping course at the National Bee keeping Institute, Ministry of Agriculture, Livestock, Fisheries and Irrigation, Lenana

Qualification: Certificate of Participation

Research Projects

- **Kamuti N. Mutinda¹**, Githigia S. Maina¹, Waruiru R. Maina¹ and Mulei I. Rumpel¹. Risk factors, socio-economic impact and morpho-molecular characterization of etiological agent(s) of cutaneous myiasis in Kitui County, Kenya. (March, 2024 to date)
- **Kamuti N. Mutinda¹**, Mbuthia P. Gichohi¹, Waruiru R. Maina¹ and Githigia S. Maina¹: Etiology, Prevalence, Risk Factors and Pathological Lesions Associated with Canine Cutaneous Myiasis in Kitui County, Kenya (March, 2021 to September, 2022)

Peer-reviewed publications

- **Kamuti N. Mutinda**, Mbuthia P. Gichohi, Waruiru R. Maina, Githigia S. Maina and Keya E. Agosa (2022). Prevalence, Etiology, and Risk Factors Associated with Occurrence of Canine Cutaneous Myiasis in Kitui County, Kenya. *Hindawi Veterinary Medicine International*. Volume 2022, Article ID 5699060, 9 pages. <https://doi.org/10.1155/2022/5699060>:
- **Kamuti N. Mutinda**, Mbuthia P. Gichohi, Waruiru R. Maina, Githigia S. Maina and Keya E. Agosa (2023). Pathological Lesions Associated with Cordylobia anthropophaga infestations of Dogs in Kitui County, Kenya. *Journal of Veterinary medicine and animal health*. Vol. 15(1), pp.1-8, January-March 2023. <https://academicjournals.org/journal/JVMAH/article-full-text/E22EE9670446>
- Finnan O. Ageng'o, Robert M. Waruiru, Daniel W. Wanja, Philip N. Nyaga, Mercy M. Hamisi, Cidee N. Khasake, Jacob M. Wainaina, Beatrice M. Munde, Paul G. Mbuthia, **Nichodemus M. Kamuti**, Shima E. Ali, Saraya Tavoranpanich, Edith A. Keya and Mohan V. Chadag. (2024). Relationship between Water Quality Parameters and Parasite Infestation in Farmed *Oreochromis niloticus* in Selected Rift Valley Counties, Kenya. *Wiley Aquaculture Research*. Volume 2024, Article ID 6139798, 12 pages. <https://doi.org/10.1155/2024/6139798>
- Jacob M. Wainaina, Robert M. Waruiru, Philip N. Nyaga, Finnan O. Ageng'o, Paul G. Mbuthia, **Nichodemus M. Kamuti**, Edith A. Keya, Beatrice M. Munde, Shima E. Ali and Mohan V. Chadag. (2024). Prevalence and intensity of ectoparasites in Nile tilapia hatcheries in Homa Bay County, Kenya. *International Journal of Fisheries and Aquatic Studies*; Volume 12(4): 134-139.

- **Finnan O. Ageng'o, Robert M. Waruiru, Philip N. Nyaga, Daniel W. Wanja, Nichodemus M. Kamuti, Edith A. Keya, Jacob M. Wainaina, Paul G. Mbuthia, Mercy M. Hamisi, Mohan V. Chadag, Shima E. Ali and Beatrice M. Munde.(2024).** Management practices and risk factors associated with parasitic infestations in farmed Nile tilapia in Bomet and Kericho counties, Kenya. *International Journal of Fisheries and Aquatic Studies*; **Volume 12(3):** 60-68

Competence and Skills

- Good writing, speaking skills and ability to present and explain concepts dealing with my profession in an easy, logical and understandable manner.
- Competence in statistical computer software such as MS EXCELL and InStat®
- Solid experience in Microsoft packages (MS word, Access, Powerpoint) and Internet
- Strong interpersonal skills and the ability to establish and maintain effective working relations in a multi-cultural, multi-ethnic environment with sensitivity and respect for diversity
- Ability to plan and prioritize my personal work under minimum supervision
- Excellent veterinary diagnostic skills owing to my experience in veterinary necropsy and histopathology laboratory techniques as graduate assistant in the Department of Veterinary Pathology, Microbiology and Parasitology
- Creativity and innovation

Memberships

- Kenya Veterinary Board: **KVB NO. 3039**
- Kenya Veterinary Association: Registration number, **KVA/1804**

Hobbies

- Playing and watching football (**Lifetime Manchester United and Real Madrid Fan**).
- Travelling
- Farming
- Making new friends and watching movies

Other interests.

- Involvement in voluntary community service such as doing charity work, visiting children homes and church activities

REFEREES:

Please feel free to contact the under mentioned referees in regard to my competence, work ethic and performance

Professor Paul G. Mbutia

Department of Veterinary

Pathology, Microbiology and Parasitology

Faculty of Veterinary Medicine

University of Nairobi

Position: Retired Professor

Email address: kiawachuka2018@gmail.com Contact: +254111658444

Professor Robert M. Waruiru

Department of Veterinary

Pathology, Microbiology and Parasitology

Faculty of Veterinary Medicine

University of Nairobi

Position: Associate Professor

Email address; rmwaruiru@yahoo.co.uk or rmwaruiru@uonbi.ac.ke Contact: +2547238575

Professor Samuel M. Githigia

Department of Veterinary

Pathology, Microbiology and Parasitology

Faculty of Veterinary Medicine

University of Nairobi

Position: Associate Professor (Faculty Associate Dean) Email address: sgithigia@uonbi.ac.ke

Contact: +254722833639

