

CURRICULUM VITAE



Name: Prof. Robert Maina Waruiru (BVM, MSc., PhD)
Nationality: Kenyan
Passport No.: A1866572; ID/No.: 6421207
Current address: University of Nairobi, Dept. of Vet. Pathology,
Microbiology & Parasitology,
P.O. Box 29053-00625, Kangemi-Nairobi, Kenya
Telephone: Mobile: + 254 – (0)723 857 545
E-mails: rmwaruiru@uonbi.ac.ke; rmwaruiru@yahoo.co.uk
Date & place of birth: 2nd April 1957; Mathira West Sub-county, Nyeri County
Marital Status: Married
Faith: Christian (Protestant)

ACADEMIC RECORD

1981: Bachelor of Veterinary Medicine (BVM): University of Nairobi (UoN), Kenya, Large & Small Animal Medicine, & Animal Production.

Courses: Anatomy, Biochemistry, Physiology, Animal production, Pathology, Microbiology, Parasitology, Pharmacology, Public health, Reproduction, Obstetrics, Medicine and Surgery.

1986: Master of Science): New York College of Veterinary Medicine, Cornell University, Ithaca, USA.

Courses: Parasitology, Pathology, Immunology, Radiation biology & Statistics.

Thesis title: Effects of schistosomicidal drugs on attrition and distribution patterns of *Schistosoma mansoni* schistosomula in mice.

1998: Doctor of Philosophy (PhD): Department of Veterinary Pathology, Microbiology & Parasitology, UoN.

Thesis title: Epidemiology and control of gastrointestinal parasite infections of dairy cattle in Kiambu District, Kenya and in Denmark with emphasis on parasitic gastroenteritis.

Post-graduate training

19st – 21st June 2019: 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.

18th – 19th January 2017: Lecturer Didactics Training Workshop organized jointly by University of Nairobi and PREPARE - BSc Project, held at CSD, Upper Kabete Campus

7th - 11th September 2015: Participated in a training course on “Diagnostic, Surveillance and Control of Fish Diseases in Kenya” organized by the EDES Program in collaboration with the OIE and financed by the EU at the request of the ACP Group of States, PrideInn Hotel Raphtha, Nairobi, Kenya.

31st March – 4th April 2014: Participated in a training course on “Disease Surveillance and Control System for Aquatic Animals” organized by the EDES Program in collaboration with the OIE and financed by the EU at the request of the ACP Group of States, KEPHIS Nairobi, Kenya.

24th-28th March 2014: Participated in a training course on “Development of Diagnostic Capacity in Aquatic Diseases” organized by the EDES Program in collaboration with the OIE and financed by the EU at the request of the ACP Group of States, KEPHIS Nairobi, Kenya.

31st January 2009: Attended and actively participated in Performance Enhancement Strategies Course organized jointly by University of Nairobi and Empowerment Resource Technologies Ltd. at CCU, Main Campus Nairobi, Kenya.

24th –26th October 2007: Attended the workshop on Good Laboratory Practice (GLP) jointly organized by UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR) and University of Nairobi at College of Biological and Physical Sciences, Chiromo Campus, Nairobi Kenya.

8th July-16th August 1996: Participated in the 8th Training Course on the Identification of Helminth Parasites of Economic Importance at the International Institute for Parasitology (IIP), St Albans, UK.

April 1994 - March 1995: Attached to the Danish Centre of Experimental Parasitology, Copenhagen Denmark and worked with nematode-trapping microfungus *Duddingtonia flagrans* in control of gastrointestinal nematodes of cattle.

CAREER POSITIONS HELD

October 2022 – To date: **Assoc. Professor**, Dept. of Vet. Pathology, Microbiology & Parasitology (DVPMP), Faculty of Vet. Medicine (FVM), UoN, Kenya.

1999 –2022: **Senior Lecturer**, DVPMP, FVM, UoN.

December 1988-1999: **Lecturer**, DVPMP, FVM, UoN.

1986-1988: **Veterinary Research Officer I** & Officer in-charge, Helminthology Section, Central Vet. Laboratories, Kabete; **Part-time Lecturer** (Parasitology) in the Dept. of VPMP

1981-1985: **Veterinary Investigation Officer II** at the RVIL. Kericho, Kenya.

University teaching experience (1988-to date)

- Vast teaching experience in the following under- and post- graduate university courses,

Veterinary Entomology (including: forensic entomology) & Protozoology, Veterinary Helminthology; Fish & wildlife parasitic diseases; Principles of taxonomy and parasite identification; Epidemiology of representative parasite groups; Principles of Control of Parasitic Infections Projects & seminars

2022: To teaching aquatic animal parasitic diseases to students undertaking MSc. in Aquatic Animal Health and Environmental Management in Bunda College of Agriculture, Lilongwe, Malawi

Fields of specialization/interest

- Veterinary Parasitology
- Aquatic Animal Health.

Faculty responsibilities

- Chairman: Faculty Curriculum Committee (November 2022)
- Member: Faculty Curriculum Committee (2009 - 2022)
- Member: Faculty committee on online teaching, learning and examinations (May 2020)
- Member: FVM-KCB Foundation Committee (July 2015)
- Member: Faculty Time Tabling Committee (2005 – 2008).

Departmental responsibilities

- Chairman: Departmental Quality Assurance Committee (June 2022)
- Member of Departmental Income Generating Unit Committee (June 2022)
- Coordinator: Departmental Postgraduate Programs (June 2022)
- Course coordinator: Fish Diseases & Health Management (JFA 208): BSc. in Fisheries & Aquaculture Management (2019 – to date)
- Subject coordinator: Fish component - JPM 354: Avian and Fish Health (2017 - 2021)
- Course coordinator: Parasitology (JAH 015) - Diploma Program (2015 - 2017)
- Administrative duties: Acting Chairman, Dept. of Vet. Pathology on September 30th to October 1st & November 15th 2013
- Chairman: Departmental Curriculum Committee (2009 - 2022)
- Chairman: Departmental Disposal Committee (2009 – June 2022)
- Departmental (overall) coordinator: MSc. programs (2006 - 2022)
- Course coordinator: MSc. in Applied Veterinary Parasitology (2006 - to date)
- Course coordinator: Fish Parasitology - MSc. in Fish Science (2006 - to date)

PROFESSIONAL AFFILIATION

1. Registered Veterinary surgeon: Kenya Veterinary Board (KVB) - Reg. No. 573
2. Kenya Veterinary Association (KVA) - Reg. No. KVA/0936
3. University of Nairobi Alumni Association Life Member No. Bronze/2020/0435.

RESEARCH

On-going research projects

- **Project Assistant, Kenya & Co-investigator:** Aqua Health Africa (AHA) Project: Increased Sustainability in the Aquaculture Sector in Sub-Saharan Africa, through Improved Aquatic Animal Health Management and funded by NORAD (RGMIS –

Vote No. 500-675-051: **US\$ 370, 000**). Project duration - 36 months (1st June 2021 – 31st May 2024)

- **Project Assistant, Kenya & Co-investigator:** Enhanced Capacity for Aquatic Resources in East and South Africa (ECARESA) funded by NORAD under the NORHED Program II (Vote No. 500-675-068: **US\$ 27, 003**)

Recently completed projects

- **2015-2018:** Assessment of the efficacy of commonly used drugs in the control of coccidiosis and ectoparasitism of domestic rabbits in smallholder production systems in Kenya (RUFORUM Project No. RU 2015 GRS-132: Vote No. 500-661-673; **US\$ 59,750** [Co-investigator; PI- Prof. P.K. Gathumbi, Department of VPMP, FVM, UoN])
- **2014 -2018:** Co-investigator of the following projects on aquaculture and fish health:-
 - Capacity Building on Training and Research in Aquatic and Environmental Health in Eastern and Southern Africa (TRAHESA) Project sponsored by NORAD (Vote No. 500-661-623: **US\$ 113,051** [PI in Kenya, Prof. P.G. Muthia, Department of VPMP, FVM, UoN])
 - Strengthening Institutional Capacity for Participatory Action Research in Sustainable Aquaculture Partnerships for Enhanced Engagement in Research (PEER) Science Project sponsored by USAID (Vote No. 500-661-578: **US\$ 185,187** [PI in Kenya, Prof. J.G. Maina, Department of Animal Production, FVM, UoN])

PEER-REVIEWED SCIENTIFIC PAPERS PUBLISHED AS A SENIOR LECTURER (2000-2021)

1	Kamuti N.M., Mbuthia P.G., Waruiru R.M. , Githigia S.M. & Keya E.A., 2022. Prevalence, etiology and risk factors associated with occurrence of canine cutaneous myiasis in Kitui County, Kenya. Hindawi Veterinary Medicine International , Vol. 2022, Article ID 5699060, 9 pages https://doi.org/10.1155/2022/5699060
2	Maina L.G., Maingi N., Nganga C.J., Waruiru R.M. & Gakuya F., 2022. Diversity, prevalence, and intensity of gastrointestinal helminth infections in migratory, resident, and sedentary plains zebras (<i>Equus quagga</i>) in Masai Mara National Reserve and Lake Nakuru National Park, Kenya. Veterinary Parasitology: Regional Studies and Reports , Vol. 33, August 2022, 100750.
3	Mavuti S.K., Mbaria J.M., Maina, J.G., Mbuthia P.G. & Waruiru R.M. , 2021. Levels of lead, mercury and cadmium in farmed <i>Oriochromis niloticus</i> and <i>Clarias gariepinus</i> in Nyeri County, Kenya. <i>International Journal of Fisheries and Aquatic Studies</i> , 9(4): 230-233. DOI: https://doi.org/10.22271/fish.2021.v9.i4c.2540
4	Mulei I.R., Mbuthia P.G., Waruiru R.M. , Nyaga P.N., Mutoloki S. & Evensen, Ø &., 2021. Management practices, farmers' knowledge of diseased fish and their occurrence in fish farms in Nyeri County, Kenya. Hindawi Veterinary Medicine International , Vol. 2021, Article ID 8896604, 13 pages https://doi.org/10.1155/2021/8896604
5	Ncebere J.M., Mbuthia P.G., Waruiru R.M. and Gathumbi P.K., 2021. Gross and histopathology of goats feeding on <i>Opuntia stricta</i> in Laikipia County, Kenya. Hindawi Veterinary Medicine International , Vol. 2021, Article ID 8831996, 12 pages

	https://doi.org/10.1155/2021/8831996
6	Waruiru R.M. , Mbuthia P.G., Wanja D.W. & Mwadime J.M., 2020. Prevalence, intensity and influence of water quality on parasites of farmed fish in Kirinyaga County, Kenya. LRRD . Vol. 32, Article #164. http://www.lrrd.org/lrrd32/10/rmwar32164.html
7	Wanja D.W., Mbuthia P.G., Waruiru R.M. , Bebora L.C., Ngowi H.A. & Nyaga P.N., 2020. Natural concurrent infections with black spot disease and multiple bacteriosis in farmed Nile tilapia in central Kenya. Hindawi Veterinary Medicine International . Vol. 2020, Article ID 8821324. https://doi.org/10.1155/2020/8821324
8	Wanja D.W., Mbuthia P.G., Waruiru R.M. , Bebora L.C., Nyaga P.N. & Ngowi H.A., 2020. Antibiotic and disinfectants susceptibility patterns of bacterial pathogens recovered from farmed fish in Kirinyaga County, Kenya. Hindawi International Journal of Microbiology . Vol. 2020, Article ID 8897338. https://doi.org/10.1155/2020/8897338
9	Murigu M.M. & Waruiru R.M. , 2020. Comparative efficacy of <i>Metarhizium anisopliae</i> and amitraz in control of <i>Rhipicephalus decoloratus</i> on cattle under field conditions in Kenya. Alexandria Journal of Veterinary Sciences . Vol. 66 (1): 52-59. DOI: 10.5455/ajvs.89391
10	Wanja D.W., Mbuthia P.G., Waruiru R.M. , Mwadime J.M., Bebora L.C., Nyaga P.N. & Ngowi H.A., 2020. Fish husbandry practices and water quality in central Kenya: potential risk factors for fish mortality and infectious Diseases. Hindawi Veterinary Medicine International . Vol. 2020, Article ID 6839354, https://doi.org/10.1155/2020/6839354
11	Wamboi P., Waruiru R.M. , Mbuthia P.G., Nguhiu J.M. & Bebora L.C., 2020. Haemato-biochemical changes and prevalence of parasitic infections of indigenous chicken sold in markets of Kiambu County, Kenya. International Journal of Veterinary Science and Medicine , 8:1, 18-25, DOI: 10.1080/23144599.2019.1708577
12	Ogolla K.O., Chebet J., Gathumbi P.K., Okumu P.O., Waruiru R.M. & Kitale P., 2019. Validation of efficacy of rabbit anticoccidial drugs commonly used in Kenya. African Journal of Rural Development 4 (3): 341-349.
13	Ogolla K.O., Chebet J., Waruiru R.M. , Gathumbi P.K., Okumu P.O. & Aboge G.O., 2019. Efficacy of ivermectin, liquid paraffin, and carbaryl against mange of farmed rabbits in central Kenya. Hindawi Journal of Tropical Medicine . Vol. 2019, Article ID 5092845. https://doi.org/10.1155/2019/5092845
14	Wanja D.W., Mbuthia P.G., Waruiru R.M., Mwadime J.M., Bebora L.C., Nyaga P.N. & Ngowi H.A., 2019. Bacterial pathogens isolated from farmed fish and source pond water in Kirinyaga County, Kenya. International Journal of Fisheries and Aquatic Studies , 7(2): 295-301.
15	Mulei I.R., Nyaga P.N., Mbuthia P.G., Waruiru R.M. , Xu C., Evensen Ø. & Mutoloki S., 2019. First detection and isolation of infectious hematopoietic necrosis virus from farmed rainbow trout in Nyeri County, Kenya. Journal of Fish Diseases , 2019:00:1-8. https://doi.org/10.1111/jfd.12979
16	Mwihia E.W., Mbuthia P.G., Eriksen G.S., Gathumbi J.K., Maina J.G., Mutoloki S., Waruiru R.M. , Mulei I.R. & Ludvig J.L., 2018. Occurrence and levels of aflatoxins in fish feeds and their potential effects on fish in Nyeri, Kenya. Toxins 2018, 10, doi: 10.3390/toxins 10120543.
17	Ogolla K.O., Gathumbi P.K., Waruiru R.M. , Okumu P.O., Chebet J. & Kitale P.M., 2018. Efficacy of suphachloropyrazine, amprolium hydrochloride,

	trimethoprim-sulphamethoxazole and diclazuril against experimental and natural rabbit coccidiosis. Hindawi Journal of Veterinary Medicine Vol. 2018, Article ID 5402469, 11 pages https://doi.org/10.1155/2018/5402469
18	Ogolla K.O., Okumu P.O., Gathumbi P.K. & Waruiru R.M., 2018. Effects of anticoccidial drugs on gross and histopathological lesions caused by experimental rabbit coccidiosis. SOJ Veterinary Sciences (SOJVS) , 4(3): 1-9.
19	Chebet J., Waruiru R.M. , Ogola K.O., Gathumbi P.K., Okumu P.O., Wanyoike M. & Aboge G.O., 2018. Prevalence, control and risk factors associated with rabbit mange in Kiambu and Nyeri counties, Kenya. Livestock Research for Rural Development . Volume 30, Article #108. http://www.lrrd.org/lrrd30/6/rmwa30108.html
20	Mulei I.R., Nyaga P.N., Mbuthia P.G., Waruiru R.M. , Njagi L.W., Mwihia E.W., Gamil A.A.A., Evensen, Ø & Mutoloki S., 2018. Infectious pancreatic necrosis virus isolated from farmed rainbow trout and tilapia in Kenya is identical to European isolates. Journal of Fish Diseases 2018;00;1-10. https://doi.org/10.1111/jfd.12807
21	Murugami J.W., Waruiru R.M. , Maina K.W., Mbuthia P.G., Thaiyah A.G., Mavuti S.K., Otieno R.O., Ngowi H.A. & Mdegela R.H., 2018. Helminth parasites of farmed fish and water birds in Kirinyaga County, Kenya. International Journal of Fisheries and Aquatic Studies , 6(3): 06-12.
22	Maina K.W., Waruiru R.M. , Murugami J.W., Mbuthia, P.G. & Mdegela R.H., 2018. Comparative management practices and parasitic infestations of farmed tilapia in Kiambu and Kirinyaga counties, Kenya. Scholars Journal of Agriculture and Veterinary Sciences , 5(3): 156-161.
23	Waruiru R.M. , Mavuti S.K., Mbuthia P.G. & Njagi L.W., 2018. Prevalence and intensity of gastrointestinal helminth infestations of free range domestic ducks in Kenya. Livestock Research for Rural Development . Volume 30, Article #66. Retrieved April 2, 2018, from http://www.lrrd.org/lrrd30/4/rmwa30066.html
24	Waruiru R.M. , Gitari R.N., Otieno R.O. & Mavuti S.K., 2017. Efficacy of copper oxide wire particles against predominant gastrointestinal nematodes of indigenous goats in Kenya. Scholars Journal of Agriculture and Veterinary Sciences , 4(12): 522-526.
25	Maina A.N., Waruiru R.M. , Mbuthia P.G, Munyua W.K., Otieno R.O. & Mutune M.N., 2017. Prevalence of gastrointestinal parasites in indigenous chickens slaughtered at live bird markets of Nairobi County, Kenya. Livestock Research for Rural Development . Volume 29, Article #233. Retrieved December 4, 2017, from http://www.lrrd.org/lrrd29/12/rmwa29233.html
26	Murugami J.W., Maina K.W., Mbuthia P.G., Waruiru R.M. , Thaiyah A.G., Ngowi H.A. & Mdegela R.H., 2017. Predation and its associated risk factors in fish farms in Kirinyaga County, Kenya. International Journal of Innovative Research and Advanced Studies , 4(8): 209-214.
27	Maina K.W., Mbuthia P.G., Waruiru R.M. , Nzalawahe J., Murugami J.W., Njagi L.W., Mdegela R.H. & Mavuti S.K., 2017. Risk factors associated with parasites of farmed fish in Kiambu County, Kenya. International Journal of Fisheries and Aquatic Studies , 5(4): 217-223.
28	Waruiru R.M. , Munyua W.K., Mavuti S.K., Otieno R.O., Mutune M.N. & Maina V.M. 2017. Effects of medicated urea-molasses block supplementation on productivity and gastrointestinal nematode infestation of sheep in central Kenya. Livestock Research for Rural Development . Volume 29, Article #161. Retrieved August 1, 2017, from http://www.lrrd.org/lrrd29/8/rmwa29161.html

29	Ogolla K.O., Chebet J., Gathumbi P.K., Waruiru R.M. , Okumu P.O., Munyua W.K., Kitale P., Gichure J.N., Wanyoike M., Mailu S., Kibebe H.W. & Hungu J., 2017. Farmer practices that influence risk factors, prevalence and control strategies of rabbit coccidiosis in central Kenya. Livestock Research for Rural Development . Volume 29, Article #134. Retrieved July 4, 2017, from http://www.lrrd.org/lrrd29/7/koko29134.html
30	Waruiru R.M. , Mavuti S.K., Mbuthia, P.G., Njagi, L.W., Mutune, M.N. & Otieno, R.O. 2017. Prevalence of ecto- and haemo-parasites of free-range local ducks in Kenya. Livestock Research for Rural Development . Volume 29, Article #126. Retrieved July 4, 2017, from http://www.lrrd.org/lrrd29/7/stek29126.htm
31	Mavuti S.K., Waruiru, R.M. , Mbuthia, P.G., Maina, J.G. & Mbaria, J.M. and Otieno, R.O., 2017. Prevalence of ecto- and endo-parasitic infections of farmed tilapia and catfish in Nyeri County, Kenya. Livestock Research for Rural Development . Volume 29, Article #122. Retrieved July 4, 2017, from http://www.lrrd.org/lrrd29/6/stek29122.htm
32	Mavuti S.K., Waruiru R.M. , Mbuthia P.G. Maina, J.G. & Mbaria J.M., 2017. Evaluation of fish farmer management practices in Nyeri County, Kenya. International Journal of Fisheries and Aquatic Studies , 5(3):165-170.
33	Murigu M.M., Nana P., Waruiru R.M., Nga'nga', C.J, Ekesi S. & Maniania N., 2016. Laboratory and field evaluation of entomopathogenic fungi for the control of amitraz-resistant and susceptible strains of <i>Rhipicephalus decoloratus</i> . Veterinary Parasitology , 225: 12-18.
34	Gichohi C.M., Mbuthia P.G., Waruiru R.M. , Ngatia T.A., Kamundia P.W., Mutune M.N. & Otieno R.O., 2011. Prevalence and intensity of <i>Paracamallanus</i> species infection in farmed and wild catfish. The Kenya Veterinarian , 35: 25-32.
35	Kagira J.M., Kanyari P.W.N., Munyua W.K. & Waruiru R.M. , 2008. Relationship between the prevalence of gastrointestinal nematode infections and management practices in pig herds in Thika District, Kenya. Livestock Research for Rural Development , 20: 1-10.
36	Gichohi C.M., Mbuthia P.G., Waruiru R.M. , Ngatia T.A., Maingi N., Weda E.H. & Otieno R., 2008. Preliminary study of the prevalence of helminths and their associated pathological lesions in four fish species. Bulletin of Animal Health and Production in Africa , 56: 38-46.
37	Waruiru R.M. , Mutune M.N. & Otieno R.O., 2005. Gastrointestinal parasite infections of sheep and goats in a semi-arid area of Machakos District, Kenya. Bulletin of Animal Health and Production in Africa , 53: 25-34.
38	Waruiru R.M. , Ngotho J.W. & Mutune M.N., 2004. Effect of urea-molasses block supplementation on grazing weaner goats naturally infected with gastrointestinal nematodes. Onderstepoort Journal of Veterinary Research , 71: 285-289.
39	Kagira J.M., Waruiru R.M. , Munyua W.K. & Kanyari P.W.N., 2003. Anthelmintic resistance survey in commercial pig herds in Thika, District, Kenya. Israel Journal Veterinary Medicine , 58: 31-36.
40	Waruiru R.M. , 2004. The influence of supplementation with urea-molasses blocks on weight gain and nematode infection of dairy calves in central Kenya. Veterinary Research Communications , 28: 307-315.
41	Waruiru R.M. , Onyando C.O. & Machuka R.O., 2003. Effect of feeding urea-molasses blocks with incorporated fenbendazole on grazing dairy heifers naturally infected with gastrointestinal nematodes. <i>Journal of the South African Veterinary Association</i> , 74: 49-52.

42	Waruiru R.M. , Ngotho J.W., Mutune M.N. & Munyua W.K., 2003. Comparative efficacies of ivermectin, albendazole, levamisole and rafoxanide against gastrointestinal nematode infections in goats. Indian Journal of Animal Sciences , 73: 147-150.
43	Kagira J.M., Kanyari P.W.N., Munyua W.K. & Waruiru R.M. , 2003. The control of parasitic nematodes in commercial piggeries Kenya as reflected by a questionnaire survey on management practices. Tropical Animal Health and Production , 35: 79-84.
44	Kagira J.M., Kanyari P.W.N., Munyua W.K. & Waruiru R.M. , 2002. The prevalence of gastrointestinal parasites in commercial pig farms in Thika District, Kenya. Bulletin of Animal Health and Production in Africa , 50: 1-7.
45	Waruiru R.M. , Munyua, W.K. & Ngotho, J.W., 2002. Effects of dietary protein supplementation on grazing weaner sheep naturally infected with gastrointestinal nematode. Bulletin of Animal Health and Production in Africa , 50: 154-164.
46	Waruiru R.M. , 2002. Efficacy of closantel plus albendazole combination against naturally acquired and experimentally induced nematode infections in goats. Israel Journal Veterinary Medicine. , 57: 113-117.
47	Waruiru R.M. , Weda E.H., Otieno R.O., & Ngotho J.W., 2002. Seasonal availability of gastrointestinal nematode larvae to cattle on pasture in the central highlands of Kenya. Onderstepoort Journal of Veterinary Research , 69: 1-6.
48	Waruiru R.M. , 2001. Overwintering residual herbage infectivity in pasture grazed by <i>Duddingtonia flagrans</i> fed calves. Bulletin of Animal Health and Production in Africa , 49: 175-178.
49	Waruiru R.M. & Ngotho J.W., 2001. Influence of ivermectin and clorsulon strategic treatments on liveweight gain and helminth infections of grazing calves in Kenya. Bulletin of Animal Health and Production in Africa , 49: 214-220.
50	Kagira J.M., Waruiru R.M. , Munyua W.K. & Kanyari P.W.N., 2001. Worm control practices and implications for development of anthelmintic resistance on commercial pig herds in Thika, District, Kenya. Bulletin of Animal Health and Production in Africa , 49: 250-253.
51	Waruiru R.M. , 2001. The influence of faecal egg counts and fungal dose levels on the nematode-trapping capability of <i>Duddingtonia flagrans</i> against free-living stages of gastrointestinal nematodes of cattle. Indian Journal of Animal Sciences , 71: 8-11.
52	Waruiru R.M. , Thamsborg S.M., Nansen P., Bøgh, H.O., Munyua W.K., Gathuma J & Kyvsgaard N., 2001. The epidemiology of gastrointestinal nematodes of dairy cattle in central Kenya. Tropical Animal Health and Production , 33: 173-187.
53	Waruiru R.M. , Kyvsgaard N., Thamsborg S.M., Munyua W.K., Gathuma J.M., Bøgh H.O. and Nansen, P., 2000. The Prevalence and intensity of helminth and coccidial infections in dairy cattle in central Kenya. Veterinary Research Communications , 34: 39-53.
PEER-REVIEWED SCIENTIFIC PAPERS PUBLISHED AS A LECTURER (1991-1998)	
54	Waruiru R.M. , Munyua W.K. and Kogi J.K., 1998. Comparative efficacies of levamisole, ivermectin, rafoxanide and benzimidazoles against natural nematode infections of small ruminants in central Kenya. Bull. Anim. Hlth. Prod. Afr. , 46: 265-270.
55	Waruiru R.M. , Munyua W.K., Ngotho J.W., Weda E.H. & Otieno R.O., 1998. Effect of anthelmintic treatment on liveweight gains in sheep in a helminth endemic area of central Kenya. Bull. Anim. Hlth. Prod. Afr. , 46: 201-204.

56	Ngatia T.A. Mbuthia P.G., Waruiru R.M. , Njiro S.M., Kanyari P.W.N., Munyua W.K., Weda E.H. & Ngotho J.W., 1998. <i>Sarcocystis</i> in slaughtered wild animals in Kenya. Bull. Anim. Hlth. Prod. Afr. , 46 : 1-4.
57	Waruiru R.M. , Ngotho J.W., Weda E.H., Mbuthia P.G. & Kogi J.K., 1998. Effects of development of resistance to levamisole and benzimidazole anthelmintics on the pathogenicity and survival of <i>H. contortus</i> . Bull. Anim. Prod. Afr. , 46 : 133-138.
58	Ngatia T.A. Mbuthia P.G., Waruiru R.M. , Njiro S.M., Kanyari P.W.N., Munyua W.K., Weda E.H. & Ngotho J.W., 1998. Verminous pneumonia and other microscopic lung lesions in wild animals in Kenya. Bull. Anim. Hlth. Prod. Afr. , 46 : 153-155.
59	Waruiru R.M. , Nansen P., Kyvsgaard N., Thamsborg S.M., Munyua W.K., Gathuma J.M. & Bøgh H.O., 1998. An abattoir survey of gastrointestinal nematode infections in cattle in the central highlands of Kenya. Vet. Res. Commun. , 22 : 325-334.
60	Waruiru R.M. , Munyua W.K., Thamsborg S.M., Nansen P., Bøgh H.O. & Gathuma J.M., 1998. Development and survival of infective larvae of gastrointestinal nematodes of cattle on pasture in central Kenya. Vet. Res. Commun. , 22 : 315-323.
61	Waruiru R.M. , 1998. An outbreak of haemonchosis associated with anthelmintic resistance on a sheep farm in Kenya. Indian J. Anim. Sci. , 68 : 209-211.
62	Waruiru R.M. , Kogi J.K., Weda E.H. & Ngotho J.W., 1998. Multiple anthelmintic resistance on a goat farm in Kenya. Vet. Parasitol. , 75 : 191-197.
63	Waruiru R.M. , Ngotho J.W. & Gichuho J.M., 1998. Multiple and multigeneric anthelmintic resistance on a sheep farm in Kenya. Trop. Anim. Hlth. Prod. , 30 : 159-166.
64	Ngatia T.A. Mbuthia P.G., Waruiru R.M. , Njiro S.M., Kanyari P.W.N., Munyua W.K., Weda E.H. and Ngotho J.W., 1997. Parasites and microscopic lesions in the livers of slaughtered wild animals in Kenya. Bull. Anim. Hlth. Prod. Afr. , 45 : 211-215.
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50	Waruiru R.M. , Ngotho J.W. & Gichuho J.K., 1997. Multiple and multigeneric anthelmintic resistance on a sheep farm in Kenya. In: <i>The proc. of the 1st ARF Workshop on Funding of Agricultural Research: Experiences and Future Perspectives, Nairobi, Kenya, March 11-12.</i>
51	Waruiru R.M. , Munyua W.K., Ayuya J.M., Weda E.H. & Kogi J.K., 1997. Comparative efficacies of levamisole, ivermectin, rafoxanide and benzimidazoles against natural nematode infections of small ruminants in central Kenya. In: <i>Proc. of the 6th Seminar on the DANIDA funded RHRP in Nairobi, Kenya, January 27-31.</i>
52	Waruiru R.M. , Mbuthia P.G., Karanja D.N., Ngotho J.W., Weda E.H., Otieno R.O. 1997. Helminth parasite infections of sheep in Kangundo Division of Machakos District, Kenya. In: <i>Proc. of the 6th Seminar on the DANIDA funded RHRP in Nairobi, Kenya, January 27-31</i>
53	Waruiru R.M. , Kyvsgaard N., Thamsborg S. M., Munyua W.K., Gathuma J.M., Bøgh H.O. and Nansen, P., 1996. Prevalence and intensity of helminth and coccidial infections in dairy cattle in central Kenya. In: <i>Proc. of the 5th Seminar on the DANIDA funded RHRP in Harare, Zimbabwe, January 18-24.</i>
54	Larsen M., Nansen P., Henriksen S.Aa., Grøndahl C., Thamsborg S.M., Grønvold J. Wolstrup J. & Waruiru R.M. , 1995. The effect of predacious fungi on free-living parasitic nematode larvae. <i>Joint Meeting of the Am. Soc. of Parasitologist and the Am. Association of Veterinary Parasitologists, Pittsburgh, Pennsylvania, USA, July 6-10.</i>
55	Waruiru R.M. , Weda E.H., Bøgh H.O., Munyua W.K., Gathuma J.M., Thamsborg

	S.M. & Nansen P., 1995. The effects of anthelmintic treatment on nematode parasitism and liveweight gains of dairy calves under field conditions in Kenya. In: <i>Proc. of the 4th Seminar on the DANIDA funded RHRP in Arusha, Tanzania</i> , January 23-27.
56	Kogi J.K., Taylor J.F., Ruvuna F., Davis S.K., Bhebhe E., Chen C., Waruiru R.M. Rurangirwa F., Mkuu S. & King'oku J., 1994. Genetic markers: Associations with <i>H. contortus</i> and growth traits in goats. In: <i>Proc. of the 12th SR-CRSP Scientific Workshop, Nairobi, Kenya</i> , 38-43 pp.
57	Waruiru R.M. , Weda E.H., Bøgh H.O., Munyua W.K., Gathuma J.M., Thamsborg S.M. & Nansen P., 1994. Comparative efficacy of morantel sustained release trilaminar bolus and conventional anthelmintic treatment against gastrointestinal nematodes in dairy calves in Kenya. In: <i>Proc. of the VIII ICOPA Conference Izmir-Turkey</i> , October 10-14, 1 : 221.
58	Waruiru R.M. , Weda E.H., Otieno R.O., Ngotho J.W. & Bøgh H.O., 1994. Comparative efficacies of closantel, ivermectin, levamisole and benzimidazoles against thiabendazole resistant <i>H. contortus</i> in sheep. In: <i>Proc. of the Baltic-Scandinavian Symposium on Parasitic Zoonoses and Ecology of Parasites in Vilnius, Lithuania</i> , September 7-8.
59	Mbuthia P.G., Waruiru R.M. , Ngatia T.A., Njiro S.M., Weda E.H., Ngotho J.W. Kanyari, P.W.N. & Munyua W.K., Mwaniki A.W., 1994. Preliminary results of tissue parasites and gross lesions observed in wild animals at the game ranching farm, Athi River. In: <i>Proc. of the 3rd Seminar on the DANIDA funded RHRP in Lusaka, Zambia</i> , January 24-27.
60	Waruiru R.M. , Mbuthia P.G., Njiro S.M., Ngatia T.A., Weda E.H., Ngotho J.W., Kanyari P.W.N. & Munyua W.K., 1994. Prevalence of gastrointestinal parasites and lungworms in wild and domestic ruminants in a game ranching farm in Kenya. In: <i>Proc. of the 3rd Seminar on the DANIDA funded RHRP in Lusaka, Zambia</i> , Jan. 24-27.
61	Waruiru R.M. , Weda E.H. & Munyua W.K., 1993. The efficacy of triclabendazole and oxcylozanide against <i>F. gigantica</i> in naturally infected dairy cattle. In: <i>Proc. of the 14th International Conference on the World Association for the Advancement of Veterinary Parasitology (WAAVP), Cambridge, U.K.</i> , August 8-13.
62	Waruiru R.M. , Mbuthia P.G. & Kimoro C.O., 1993. Prevalence of gastrointestinal parasites and liver flukes in calves in Mathira Division of Nyeri District, Kenya. In: <i>Proc. of the 2nd Seminar on the DANIDA funded RHRP in Nairobi, Kenya</i> , January 18-21.
63	Waruiru R.M. , Ayuya J.M., Kimoro C.O. & Weda E.H., 1993. Fatal haemonchosis calves in Kiambu District, Kenya: A case report. In: <i>Proc. of the 2nd Seminar on the DANIDA funded RHRP in Nairobi, Kenya</i> , January 18-21.
64	Waruiru R.M. , Weda E.H. & Munyua W.K., 1993. Seasonal occurrence of gastrointestinal helminths of cattle in Kiambu District, Kenya. In: <i>Proc. of the 2nd Seminar on the DANIDA funded RHRP in Nairobi, Kenya</i> , January 18-21.
65	Taylor J.F., Davis S.K., Ruvuna, F., Rurangirwa, F., Bhebhe, E., Kogi, J.K., McGuire, T.C., Jasmer, D.P. & Waruiru R.M. , 1993. Quantitative and molecular approaches to genetic improvement of the Kenya dual purpose goat. In: <i>Proc. Small Ruminant Workshop, San Juan, Puerto Rico</i> , 7-9 September, 169-81 pp.
66	Waruiru R.M. , 1992. Autoradiographic quantification of the efficacy of niridazole in infected mice with ⁷⁵ Se-labelled cercariae of <i>Schistosoma mansoni</i> . In: <i>Proc. of the 7th International Conference of Institutions of tropical Veterinary Medicine at Houphuet-Boigny Foundation Yamoussoukro, Cote D'Ivoire.</i> , September 14-18.
67	Waruiru R.M. , Karanu F., Gichanga E.J., Mkuu S., Mwandotto B.A.J., Ruvuna F., Taylor J.F., Jasmer D.P., Rurangirwa F. & McGuire T.C., 1992. Prevalence of gastrointestinal nematodes, coccidia and lungworms in goats in Kenya. In: <i>Proc. of the 10th SR-CRSP</i>

	<i>Scientific Workshop, Nairobi Kenya, 40-6 pp.</i>
68	Waruiru R.M. , 1991. Differential resistance among goats to primary and secondary challenges of <i>H. contortus</i> . In: <i>Proc. of the Inaugural Seminar on the DANIDA funded Ruminant Helminth Research Project (RHRP), at the Sokoine University of Agriculture, Morogoro, Tanzania, December 9-13.</i>
69	Rohrer G.A., Taylor J.F., Davis S.K., Waruiru R.M. , Ruvuna F. & Mwandotto B.A., 1991. The use of randomly amplified DNA markers in an analysis of susceptibility to <i>Haemonchus</i> and coccidia infestations in goats. <i>Annual meeting of the Southern Section, American Society of Animal Science. Fort Worth, Texas, USA, February 2-6.</i>
70	Waruiru R.M. , Maingi N., Karanu F.N., Gichanga E.J. & Ndegwa C.K., 1991. The incidence of thiabendazole and fenbendazole resistance in field populations of <i>H. contortus</i> . In: <i>Proc. of the 9th SR-CRSP Scientific Workshop, Nairobi, Kenya, 86-94 pp.</i>
71	Rohrer G.A., Taylor J.F., Davis S.K., Waruiru R.M. , Ruvuna F., Mwandotto B.A.J., McGuire T.C. & Rurangirwa F., 1991. The use of randomly amplified polymorphic DNA markers in analysis of susceptibility to <i>Haemonchus</i> and coccidia. In: <i>Proc. of the 9th SR-CRSP Scientific Workshop, Nairobi, Kenya, 71-85 pp.</i>
72	Waruiru R.M. , Karanu F.N., Mwandotto B.A.J., Ruvuna F., Gichanga E.J., Taylor J. Jasmer D., Rurangirwa F. & McGuire T.C., 1991. Evidence of resistance to <i>H. contortus</i> infection in goats on artificial challenge. In: <i>The proc. of the 9th SR-CRSP Scientific Workshop, Nairobi, Kenya, 60-70 pp.</i>
73	Mwandotto B.A.J., Waruiru R.M. , Rege J.E.O., Okeyo A.M., Mosi R.O., Ang'wen yi G., Rinkanya F., Thorpe W. & Kimenye D., 1990. Breeding and genetic diversity in Kenyan livestock. <i>KARI Conference, Nairobi.</i>
74	Blackburn H.D., Davis S.K., Taylor J.F. Cartwright T.C., Rurangirwa F. & Waruiru R.M. , 1990. Genetic resistance to internal parasites. In: <i>Proc. of the 8th SR-CRSP Scientific Workshop, Nairobi, Kenya, pp. 100-105.</i>
75	Waruiru R.M. & Githigia S.M., 1990. The prevalence of coccidia of goats in Naromoru area in Kenya. In: <i>Proc. Of the 8th SR-CRSP Scientific Workshop, Nairobi Kenya, pp. 279-86.</i>
76	Waruiru R.M. , Rurangirwa F., Jasmer D., McGuire T.C., Nginyi J.M., Thimbu P. Ruvuna F. & Cartwright T., 1989. Resistance to <i>H. contortus</i> infection in goats on artificial infection: preliminary findings. In: <i>The Proc. of the 7th SR-CRSP Scientific Workshop, Nairobi, Kenya, pp. 37-43.</i>

STUDENT SUPERVISION

MSc. Supervision			
	Student/Reg. no	Project/Thesis title	Comments
01	Wainaina J.M. J56/41761/2022	Diversity, prevalence, intensity and influence of parasites on Nile tilapia production in Homabay and Narok counties, Kenya	On-going (proposal stage)
02	Ageng'o F.O. J56/41760/2022	Occurrence, intensity and influence of water quality on farmed fish parasites in Kericho and Narok counties, Kenya	On-going (proposal stage)
03	Orembe O.M. J56/14108/2018	Prevalence, intensity, anticoccidial efficacy and farmer's knowledge on chicken coccidiosis in Kiambu County, Kenya. UoN	On-going (research stage)
1	Kamuti N.M.	Prevalence, risk factors and pathology	To graduate on 23rd Sept. 2022

	J56/34754/2019	associated with canine cutaneous myiasis in Kitui County, Kenya. UoN	
2	Chebet J. J56/82630/2015	Prevalence and efficacy of selected treatment options against natural mite infestations of rabbits in central Kenya. UoN	MSc. awarded - 2020
3	Ncebere J.M. J56/6725/2017	Haemato-chemical parameters and pathology of goats feeding on <i>Opuntia stricta</i> variety <i>stricta</i> in Laikipia County, Kenya. UoN	MSc. awarded - 2020
4	Wamboi P. J56/8393/2017	Haemato-biochemical parameters, bacterial and parasitic infections of indigenous chicken sold in markets of Kiambu County, Kenya. UoN	MSc. awarded - 2020
5	Ogolla K.O. J56/82631/2015	Ogolla, K.O. Chemotherapeutic control of coccidiosis in rabbits under smallholder production systems in Central Kenya. UoN	MSc. awarded - 2018
6	Mwadime J.M. MHA/E/2016/008	Water quality and occurrence of parasitic infections in farmed fish in Kirinyaga County, Kenya. Sokoine University of Agriculture (SUA), Tanzania	MSc. awarded - 2018
7	Maina K.W. MHA/E/2015/005	Prevalence of parasitic infection in farmed Nile tilapia and factors associated with transmission in Kiambu County, Kenya. SUA, Tanzania	MSc. awarded - 2017
8	Murigu M.M. J56/83846/2012	Evaluation of entomopathogenic effects of the fungi, <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> for biological control of <i>Rhipicephalus (Boophilus) decoloratus</i> . UoN	MSc. awarded - 2017
9	Kamundia P.W. J56/70406/2007	Pathological changes associated with pollution and endoparasites in Nile Tilapia and Nile Perch in Lake Victoria, Kenya. UoN	MSc. awarded - 2012
10	Mavuti S.K. J56/71389/2007	Prevalence, intensity and pathology associated with gastrointestinal and haemoparasite infections of ducks in Nairobi and its environs. UoN	MSc. awarded -2011
11	Gichohi C.M J56/P/8339/2005	Prevalence, intensity and pathological lesions associated with helminths infections of farmed and wild fish in Upper Tana River Basin, Kenya. UoN	MSc. awarded - 2010
12	Maina A.N. J56/7167/2003	Prevalence, Intensity and Lesions Associated with Gastro-intestinal Parasites of Indigenous Chickens in Kenya. UoN	MSc. awarded - 2005
13	Kagira J.M. J56/7897/1998	The Prevalence of gastrointestinal parasitism, control practices and occurrence anthelmintic resistance in commercial pig farms in Thika District, Kenya. UoN	MSc. awarded - 2001
PhD. Supervision			
	Student/Reg. no	Project/Thesis title	Comments
1	Muchiri J.M. J80/55945/2019	Evaluation of compost heat recovery as a coping strategy to climate change in fish farming in Kenya. UoN	On-going (research stage)
2	Maina L.G.K.	Effects of host movement patterns on	To submit

	J87/26378/2012	helminth infections in Zebras of Maasai Mara National Reserve & Lake Nakuru National Park, Kenya. UoN	thesis writing
3	Mulei I.R.	Occurrence of infectious pancreatic necrosis virus, infectious hematopoietic necrosis virus and <i>Flavobacterium psychrophilum</i> in rainbow trout and role of management practices in farmed rainbow trout and tilapia diseases in Nyeri County, Kenya. Norwegian University of Life Sciences (NMBU)	PhD. awarded – 2021
4	Mavuti S.K. J80/96647/2014	Effects of water physico-chemical properties, pollution and parasitism on farmed fish in Nyeri County, Kenya. UoN	PhD. awarded – 2018

SUPERVISION OF UNDERGRADUATE PROJECTS

I have supervised **34** undergraduate (BVM, BSc., Diploma) student research projects to date

APPOINTMENT AS EXTERNAL EXAMINER IN VET. PARASITOLOGY

1	Appointed and serving as External Examiner in the Department of Veterinary Pathology, Microbiology and Parasitology, Faculty of Veterinary Medicine, Egerton University, Njoro from 18 th July 2017
2	Appointed and serving as External Examiner in the Department of Animal Health and Production, School of Natural Resources, Tourism and Hospitality, Maasai Mara University, Narok from 27 th July 2021

THESIS EXAMINATION

Name of student	Thesis title
1 Ms. Silindokuhle Mlondo Kwazulu-Natal, South Africa	External Examiner: Molecular identification of helminth parasites of the Heterakidae and Ascarididae family of free-ranging chickens collected from selected rural communities of KwaZulu-Natal Province of South Africa
2 Dr. Hellen N. Maingi (MSc. - UoN)	Member - Board of Examiners: Prevalence, risk factors and geospatial distribution of <i>Giardia duodenalis</i> in dogs in Nairobi County, Kenya
3 Mr. Louis J. La Grange DPIL University of Kwazulu-Natal, South Africa	External Examiner: <i>Trichinella</i> infections in wildlife in the Greater Kruger National Park (South Africa): Unravelling epidemiological gaps with special emphasis on the infectivity of <i>Trichinella zimbabwensis</i> in selected tropical fishes
4 Dr. Joice Chebet (MSc. - UoN)	Internal Examiner: Prevalence and efficacy of selected treatment options against natural mite infestations of rabbits in central Kenya
5 Dr. Samuel O. Kola (MSc. - UoN)	Member - Board of Examiners: Levels of mercury in tilapia fish, water and sediment from gold mining areas of Migori County, Kenya
6 Dr Richard Onduso (MSc. - UoN)	Internal Examiner: Market response and the risk of spread of foot and mouth disease through cattle marketing activities in western

		Kenya
7	Dr. Kennedy O. Ogolla (MSc. - UoN)	Internal Examiner: Chemotherapeutic control of coccidiosis in rabbits under smallholder production systems in Central Kenya
8	Dr. Stephen K. Mavuti (PhD - UoN)	Internal Examiner: Effects of water physico-chemical properties, pollution and parasitism on quality of farmed fish in Nyeri County, Kenya
9	Ms. Miriam Wamuu-ini Gathogo (MSc. - Egerton)	External Examiner: Molecular identification and drug sensitivity of African trypanosome stabilites from livestock in Lamu County, Kenya
10	Dr. Mercy M. Murigu: (MSc.-UoN)	Internal Examiner: Evaluation of entomopathogenic effects of the fungi, <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> for biological control of <i>Rhipicephalus (Boophilus) decoloratus</i>
11	Ms. Esther G. Kanduma (PhD - UoN)	Member - Board of Examiners: Characterisation of micro and minisatelite DNA markers for genetic diversity and analysis of the tick vector, <i>Rhipicephalus appendiculatus</i> (Acari: Ixodida)
12	Dr. Ronald O. Okindo (MSc. - UoN)	Internal Examiner: The study of antimicrobial, analgesic and toxicity property of <i>Veronia hymenolepis</i> (A. Rich), a traditional medicine used in Kenya for toothache
13	Dr. David C. Kemboi (MSc. - UoN)	Member - Board of Examiners: Dynamics of Newcastle Disease vaccination immune response and productivity of village chicken following selective parasite control in Mbeere Sub-county, Kenya
14	Dr. Zachary M. Rukenya (MSc. - UoN)	Internal Examiner: Phytochemical screening, antimicrobial activity and acute toxicity of <i>Aloe turkanensis</i>
15	Ms. Chariy W. Hungu (MSc. - UoN)	Member - Board of Examiners: Production characteristics and constraints of rabbit farming in Central, Nairobi and Rift Valley Provinces, Kenya
16	Dr. Wilson K. Gachugia (MSc. - UoN)	Member - Board of Examiners: Prevalence and pathology associated with Caprine Arthritis Encephalitis Disease in goats in Thika, Nairobi and Machakos Districts, Kenya
17	Dr. Michael M. Kyalo (MSc. - UoN)	Internal Examiner: Prevalence, intensity and pathology associated with helminth infections in indigenous chickens in Kiambu and Nairobi Counties, Kenya
18	Dr. Irene T. Kamanja (MSc. - UoN)	Internal Examiner: A Survey of the prevalence of <i>Schistosoma bovis</i> and its public health importance in Kwale District, Kenya
19	Dr. Alice N. Maina (MSc. - UoN)	Internal Examiner: Intensity and lesions associated with gastro-intestinal parasites of indigenous chickens in Kenya
20	Dr. E. Matenga: DPIL University of Zimbabwe	External Examiner: Studies of porcine helminthic zoonoses with special emphasis on cysticercosis and trichinellosis
21	Dr. John M. Kagira: MSc. – UoN	Internal Examiner: The prevalence of gastrointestinal parasitism, control practices and occurrence of anthelmintic resistance in commercial pig farms in Thika District, Kenya

PRIZES, SCHOLARSHIPS & GRANTS HELD

- **2004:** Research grant from DANIDA funded Livestock Helminth Research Project

(LHRP).

- **2001:** Research grant from the Dean's Committee, UON
- **1998:** Agricultural Research Fund (ARF) Award, KARI
- **1992:** Agricultural Research Fund (ARF) Award, Kenya Agricultural Research Institute (KARI)
- **1991-98:** Danish International Development Agency (DANIDA) funded Ruminant Helminth Research Project (RHRP) sponsorship to undertake PhD studies at both the UON, and the Royal Veterinary & Agricultural University in Denmark
- **1990:** Research grant from the Dean's Committee, University of Nairobi (UON)
- **1984-86:** United States International Development Agency (USAID) scholarship tenable at Cornell University in USA to study for an MSc. degree
- **1980/81:** Gandhi Smarak Nidhi Trustee Fund Prize-for being the best final year student in the Faculty of Vet. Medicine
- **1977-81:** Kenya Government Scholarship Award to undertake a Bachelor of Veterinary Medicine degree, University of Nairobi, Kenya

LANGUAGES

- Fluent in English, Kiswahili & Kikuyu

OTHER SKILLS

- Computer literate: Word processing, data entry & analysis
- Internet and e-mail knowledge in sending, receiving, attachments & file downloading
- Online teaching, learning & examinations

COMMUNITY SERVICE AS A VETERINARY SURGEON/RESEARCHER


- Attended and participated in KVA organized World Veterinary (field) days from 2012 to date
- Attended and participated in the RUFORUM Community-based Field Attachment Projects linked to Agriculture (CFAPA) Stakeholder Workshop at Wambugu Agricultural Training Centre, Nyeri County on 11th May, 2018
- Attended and participated in the RUFORUM Rabbit Stakeholder Meeting held in the Department of Clinical Studies, University of Nairobi on 24th November, 2017
- Attended and participated in the 1st East Africa Aquaculture Symposium and Exhibition in Kenya (Management practices and constraints of fish farming in Kiambu and Kirinyaga counties, Kenya) held at African Institute for Capacity Development (AICAD), JKUAT on 23rd to 25th November, 2016
- Attended and participated in the Nyeri Aquaculture Stakeholder Meeting held at Wambugu Agricultural Training Centre, Nyeri County on 15th December, 2016
- Attended and participated in the VicRes Project (Enhancement of sustainable productivity of fish in Lake Victoria through control of pollutants with emphasis on endocrine disruptors and microbial pathogens) stakeholders meeting and research held at Hotel Staridge, Homa Bay County on 23rd to 25th September, 2013.

OTHER SOCIAL RESPONSIBILITIES

- Member of Presbyterian Church Men's Fellowship (PCMF)

- Member of PCEA Giagatika Development Board - Tumutumu Parish, Mathira Sub-county, Nyeri County
- Member of Tumutumu Primary School Old Boys and Girls Association

HOBBIES

- Sports 
- Music
- Creating employment for the youth
- Helping needy people in the community

REFEREES

- Professor N. Maingi,
Dean of Faculty of Veterinary Medicine and Professor of Veterinary Parasitology,
College of Agriculture and Veterinary Sciences (CAVS - Kabete Campus),
P.O. Box 29053-00625, Kangemi - Nairobi, Kenya;
E-mail: nmaingi@uonbi.ac.ke
Mobile phone: 0733- 823 711
- Professor P.K. Gathumbi,
Professor of Veterinary Pathology, CAVS - Kabete Campus,
P.O. Box 29053-00625, Kangemi - Nairobi, Kenya.
pgathumbi@gmail.com
Mobile phone: 0722- 641 048
- Professor P.G. Mbuthia,
Associate Professor of Veterinary Pathology, CAVS - Kabete Campus,
P.O. Box 29053-00625, Kangemi - Nairobi, Kenya.
pgmbuthia@uonbi.ac.ke
Mobile phone: 0721- 616 942

Signed:.....

Date: 18th November, 2022