

CURRICULUM V ITAE

DR. JAMES NGUHIU-MWANGI

2014

A. PERSONAL DETAILS:

NAME: JAMES NGUHIU-MWANGI

TITLE: DR.

SEX: MALE

DATE OF BIRTH: JUNE 1955

NATIONALITY: KENYAN

MARITAL STATUS: MARRIED

NUMBER OF CHILDREN: THREE

RELIGION: CHRISTIAN

OFFICE ADDRESS:

DEPARTMENT OF CLINICAL STUDIES,
COLLEGE OF AGRICULTURE AND VETERINARY SCIENCES
FACULTY OF VETERINARY MEDICINE,
UNIVERSITY OF NAIROBI,
P.O. BOX 29053-00625,
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PERMANENT or HOME ADDRESS:

P.O. Box 76033-00508,
NAIROBI, KENYA.

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B. EDUCATION AND QUALIFICATIONS:

YEAR OF GRADUATION	INSTITUTION	QUALIFICATION/CERTIFICATE
2007	University of Nairobi, Kenya	PhD in Clinical Studies Surgery Discipline
1985	University of Nairobi, Kenya	MSc in Clinical Studies Surgery Discipline
1981	University of Nairobi, Kenya	BVM (Bachelor of Veterinary Medicine)
1976	Kianyaga High School, Kenya	EAACE (East Africa Advanced Certificate of Education): 3 Principals
1974	Kipkabus Secondary School, Kenya	EACE (East Africa Certificate of Education): Division 1
1970	Waunifor Primary School, Kenya	KCPE (Kenya Certificate of Primary Education)

C. WORK EXPERIENCE:

University teaching and research:

1. Senior Lecturer in the clinical studies subjects particularly Surgery Discipline, Faculty of Veterinary Medicine, Department of Clinical Studies, University of Nairobi, Kenya from April 2012 to the present time.
2. Lecturer in the clinical studies subjects particularly Surgery Discipline, Faculty of Veterinary Medicine, Department of Clinical Studies, University of Nairobi, Kenya from 1986 to April 2012.

3. Tutorial Fellow and a Master of Science student in the clinical studies subjects particularly Surgery Discipline, Faculty of Veterinary Medicine, Department of Clinical Studies, University of Nairobi, Kenya from September 1981 to June 1986.

My duties during the above designations have included the following:

- a) Teaching clinical related subjects, particularly in the surgery discipline to veterinary undergraduates and postgraduates as well as Biomedical Technology students.
 - b) Coursework teaching to postgraduate students and supervision of their research projects
 - c) Day-to-day running of the Large Animal Clinic, Faculty of Veterinary Medicine, University of Nairobi while demonstrating and teaching practical surgical procedures to the veterinary students from 1981 to the present time.
 - d) Supervision of undergraduate research projects.
4. Head of Surgery Discipline of the Department of Clinical Studies from 1995 to 2000 and from January 2013, an appointment that is to continue to January 2016.
 5. Coordinator of Large Animal Surgery teaching, Large Animal Surgical clinical and Large Animal Surgery Clinical Services in the Department of Clinical Studies, Faculty of Veterinary Medicine, University of Nairobi from 1990 to 2001.
 6. Coordinator of Medical Imaging course for BSc. Biomedical Technology students in the Department of Clinical Studies, Faculty of Veterinary Medicine, University of Nairobi since 2001 to May 2013.

7. Participated in the development and review of curricula for the Bachelor of Veterinary Medicine, MSc in veterinary surgery, BSc in Biomedical Technology imaging course, and Diploma in Animal Health all for the University of Nairobi.
8. Service lecturer for elective surgical management procedures in farm animals to students pursuing BSc in Agriculture, University of Nairobi.
9. Coordinator for veterinary undergraduate students' field attachments and BVM students' projects in the Department of Clinical studies, University of Nairobi from 2010 to 2013.
10. Occasional short-term acting as chairman of the Department of Clinical Studies when the sitting chairman is on other assignments outside the university.
11. Part-time Lecturer in Jomo Kenyatta University of Agriculture and Technology (JKUAT) from 2009 to the present time (2013) in the following departments:
 - a) Department of Land Resource, Planning and Management
 - b) Department of Medical Laboratory Sciences, now called Department of Human Pathology and Laboratory Medicine.
12. Part-time Lecturer in Kenyatta University (K.U) from 2009 to the present time (2013) in the following department:
 - a) Department of Zoological Sciences

D. AREAS OF RESEARCH, SPECIALIZATION AND ACADEMIC INTEREST:

- a. Large Animal Surgery with special focus on dairy cows: conditions affecting the locomotion system (conditions affecting the gait including orthopaedics), welfare of dairy cows and factors affecting dairy cow productivity and reproductive performance.

- b. Hands-on experience on radiography as one of the modes of medical imaging science for diagnostic purposes.
- c. Other areas of interest are the general principles of veterinary surgery including asepsis, sutures and suture techniques, relationships between surgical conditions and pathophysiology.

E. COMPLETED POSTGRADUATE SUPERVISION:

- 1) Pauline Njoki Gitonga: **MSc. Thesis (2010):** *“Postpartum reproductive performance of dairy cows in medium and large scale farms in Kiambu and Nakuru districts of Kenya”*. **Supervisors:** Prof. J.K. Wabacha and **Dr. J. Nguhiu-Mwangi.**
- 2) Joshua Wafula Aleri: **MSc. Thesis (2011):** *“Welfare of dairy cattle in the smallholder (Zero-grazing) production systems in Nairobi and its environs”*. **Supervisors:** **Dr. J. Nguhiu-Mwangi** and Dr. Eddy Mogoia.
- 3) Samuel Gitau Mugo: **MSc. Thesis (2011):** *“Prevalence and risk factors of conditions causing lameness in sheep under free-range grazing systems in Kajiado district, Kenya”*. **Supervisors:** **Dr. J. Nguhiu-Mwangi**, Prof. Njenga Munene and Dr. A.G. Thaiyah.
- 4) Willie Mwangi Edwin: **MSc. Thesis (2013):** *“Evaluation of the effects of epidural lidocaine, xylazine, Ketamine and their combinations in dogs”*. **Supervisors:** Dr. Eddy Mogoia and **Dr. J. Nguhiu-Mwangi.**
- 5) Peter Kimeli: **MSc. Thesis (Submitted for examination 2014):** *“Locomotion*

Scores and associated factors in dairy cows in the smallholder zero-grazing dairy units in Kikuyu district, Kiambu County, Kenya". **Supervisors: Dr. J. Nguhiu-Mwangi** and Eddy Mogo.

ON-GOING SUPERVISION OF POSTGRADUATES:

- 6) Hope Richard Otsyina: **PhD. Thesis:** *“Prevalence, pathophysiology and diagnostic imaging of indigestible rumen foreign bodies in shoats in urban and periurban Nairobi, Kenya”*. **Supervisors: Dr. J. Nguhiu-Mwangi**, Dr. Eddy Mogo, Prof. William Ogara and Prof. P.G. Muthia. **(Projected submission July-August, 2014)**
- 7) Gilbert Kirui: **PhD. Thesis:** *“The influence of claw factors on the working efficiency of donkeys and the livelihood impact on donkey-dependent communities in Kenya”*. **Supervisors: Dr. A. Thaiyah, Dr. J. Nguhiu-Mwangi**, Prof. Charles Mulei, Dr. Vijay Varma. **(Projected Submission July-August, 2015)**
- 8) Ann Nancy Etsey: **PhD Thesis:** *“Structural and physiological changes in selected organs in rams and bucks implanted with plastic bags in rumen”*. **Supervisors: Dr. J. Oduma, Dr. J. Nguhiu-Mwangi**, Dr. R. Ojoo and Dr. Andrew A. Makanya. **(Projected Submission last quarter of 2015)**
- 9) Willy Mwangi: **PhD Thesis:** *“Evaluation of the Effects of Butorphanol, Meloxicam and their Combination on Postoperative Pain, Stress and Wound Healing in Dogs*. Dr. Eddy G. Mogo, **Dr. J. Nguhiu-Mwangi**, Prof. Susan W.

Mbugua and Prof. Paul G. Mbutia. (*Projected Submission last quarter of 2015*).

F. SUPERVISION OF UNDERGRADUATE STUDENTS:

- 1) Maureen Kanana Murithi, J30/2613/2007: Project Report in partial fulfillment of the requirements for BVM degree 2012 titled “Awareness by smallholder farmers on the necessity and benefits of claw trimming in dairy cattle”. **Supervisor: Dr. J. Nguhiu-Mwangi.**
- 2) Lekopien C. Argeo, J30/2690/2006: Project Report in partial fulfillment of the requirements for BVM degree 2012 titled “Retrospective study of traumatic reticulitis and pericarditis in cattle diagnosed at the veterinary clinic, University of Nairobi”. **Supervisor: Dr. J. Nguhiu-Mwangi.**
- 3) Kirimi Domenic Mung’atia, J30/2609/2007: Project Report in partial fulfillment of the requirements for BVM degree 2012 titled “ A survey on waste disposal methods in veterinary clinics and laboratories in Nairobi and its environs”. **Supervisor: Dr. J. Nguhiu-Mwangi.**
- 4) Kimathi Boscoh Odhiambo, J30/3522/2008: Project Report in partial fulfillment of the requirements for BVM degree 2013 titled “A retrospective study of bacteria isolates and their sensitivity: From cattle wounds and abscesses in the Large Animal Clinic, University of Nairobi, Kenya”. **Supervisor: Dr. J. Nguhiu-Mwangi.**
- 5) Onyango Gregory Erick, J30/3494/2008: Project Report in partial fulfillment of the requirements for BVM degree 2013 titled “characteristics, management and

outcome of limb fractures in cattle treated in the Large Animal Clinic, University of Nairobi, Kenya”. **Supervisor: Dr. J. Nguhiu-Mwangi.**

G. EXAMINATION OF ACADEMIC THESES AND PARTICIPATION IN THESES

BOARD OF EXAMINERS:

- 1) **Internal examiner and member of Board of Examiners** for Peter Kimeli MSc. Thesis: “Locomotion Scores and associated factors in dairy cows in the smallholder zero-grazing dairy units in Kikuyu district, Kiambu County, Kenya”.
- 2) **Internal examiner and member of Board of Examiners** for Joshua Wafula Aleri’s MSc Thesis titled “Welfare of dairy cattle in the smallholder (Zero-grazing) production systems in Nairobi and its environs” in the Faculty of Veterinary Medicine, University of Nairobi, Kenya in November 2010 and on 10th March, 2011 respectively in the Dean’s Board Room, Faculty of Veterinary Medicine, University of Nairobi.
- 3) **Internal examiner and member of Board of Examiners** for Samuel Gitau Mugo’s MSc Thesis titled “Prevalence and risk factors of conditions causing lameness in sheep under free-range grazing systems in Kajiado district, Kenya” in July 2011 and on 22nd September, 2011 respectively in the Dean’s Board Room, Faculty of Veterinary Medicine, University of Nairobi.
- 4) **Member of Board of Examiners** for Dr. Herbet Waitindi Kibebe’s MSc Thesis titled “Point of care in diabetic patients using glycated hemoglobin and blood glucose at Nyeri Provincial General Hospital and monitoring the same in diabetic mice” on 2nd September, 2009 in the Dean’s Board Room, Faculty of Veterinary Medicine, University of Nairobi.

- 5) **Member of Board of Examiners** for Dr. Stephen Kitonga Mavuti's MSc Thesis on 9th November, 2010 in the Dean's Board Room, Faculty of Veterinary Medicine, University of Nairobi.
- 6) **Member of Board of Examiners** for Dr. Charles Gichohi Mathenge's MSc Thesis titled "Prevalence, intensity and pathological lesions associated with helminth infection in farmed and wild fish in Upper River Tana Basin, Kenya" on 9th June, 2010 in the Dean's Board Room, Faculty of Veterinary Medicine, University of Nairobi.
- 7) **Member of Board of Examiners** for Dr. Patrick Kamundia Waweru's MSc Thesis on 17th July, 2012 in the Dean's Board Room, Faculty of Veterinary Medicine, University of Nairobi.

1) ACADEMIC PUBLICATIONS:

Published book:

1. Mbithi, P.M.F.; Nguhiu-Mwangi, J.; Mulei, C.M. (2009): **Book Publication** titled “*Basic Principles of Veterinary Surgery*”. University of Nairobi Press, Nairobi, Kenya 2009. A reference textbook for veterinary students, surgery lecturers and veterinary practitioners.

Book chapters:

1. **J. Nguhiu-Mwangi, J W Aleri, E M Mogoia and PMF Mbithi.** (2013). **Book chapter** titled: “Indicators of poor welfare in dairy cows within smallholder zero-grazing units in the peri-urban areas of Nairobi, Kenya”. Published in: *Insights from Veterinary Medicine*, ISBN 978-953-51-1005-7. Edited by Rita Payan-Carreira (Portugal). InTech Open Access Publishers, Janeza Trdine 9, 51000 Rijeka, Croatia. pp 49-88.
2. **Nguhiu-Mwangi, J.; Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.K** (2012). **Book Chapter** titled: “Risk (predisposing) factors for non-infectious claw disorders in dairy cows under varying zero-grazing systems”. Published in: *Veterinary Medicine*, ISBN 979-953-307-413-8 edited by Dr. Carlos C. Periz Marin, Spain. InTech Open Access Publishers, University Campus, Tep Ri Slavka Krautzeka 83/A 51000 Rijeka, Croatia. Published in February 2012. pp 393-422.

Academic and Refereed Publications:

1. Kimeli, P; Nguhiu-Mwangi, J; Mogoia EM (2014): Awareness and practice of claw trimming in cows within smallholder zero-grazing dairy units in Kikuyu district, Kenya: a survey study. *International Journal of Veterinary Science* Vol 3 (3):139-141. E-ISSN: 2304-3035
2. Mwangi W.E, Mogoia E.M, **Nguihu-Mwangi J.** and Mulei C.M (2014): Effects of epidural Ketamine, Xylazine and their combination on body temperature in acepromazine-sedated dogs. *International Journal of Advanced Research*, Volume 2, Issue 4, 336-340. ISSN 2320-5407
3. Mwangi W E, Mogoia E M, **Nguihu-Mwangi J** and Mulei C M (2014): The hematological and cardiopulmonary effects of epidural xylazine, lidocaine and their combination in acepromazine sedated dogs. *International Journal of Veterinary Science* 3 (2): 46-51.
4. Aleri, J W, **Nguihu, J M**, Mogoia, E M and Mulei, C M (2012): A note on milking practices in the smallholder dairyproduction systems of nairobi and its environs. *Bulletin of Animal Health and Production in Africa*, 60: 565.569.
5. J W Aleri, **J Nguihu-Mwangi**, E M Mogoia and C M Mulei (2012). Welfare of dairy cattle in the smallholder (zero-grazing) production systems in Nairobi and its environs. *Livestock Research for Rural Development* 24 (9) 2012
6. Aleri, J.W.; **Nguihu-Mwangi, J.**; Mogoia, E.M. (2011). Housing-design as a predisposing factor for injuries and poor welfare in cattle within smallholder units in

periurban areas of Nairobi, Kenya. *Livestock Research for Rural Development* 23 (03): 1-10

7. **Nguihu-Mwangi, J.;** Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2009): Prevalence of laminitis and the patterns of claw lesions in dairy cows in Nairobi and the peri-urban districts. *Bulletin of Animal Health and Production in Africa* 57 (3): 199-208
8. **Nguihu-Mwangi, J.;** Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2008): Retrospective study of foot conditions in dairy cows in urban and periurban areas of Kenya. *Israel Journal of Veterinary Medicine* 63 (2): 40-45.
9. **Nguihu-Mwangi, J.;** Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2008): Prognostic indicators and the importance of trimming in non-infective claw disorders in cattle. *The Kenya Veterinarian* 32 (1): 26-40.
10. **Nguihu-Mwangi, J.;** Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2008): Factors associated with the occurrence of claw disorders in dairy cows under smallholder production systems in urban and peri-urban areas of Nairobi, Kenya. *Veterinarski Arhiv* 78 (4): 343-355.
11. **Nguihu-Mwangi, J.;** Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2007): Prevalence of sole haemorrhages and its correlation with subclinical and chronic laminitis in dairy cows. *Bulletin of Animal Health and Production in Africa* 55 (4): 232-242.
12. **Nguihu-Mwangi, J.;** Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2007): Radiographic features of laminitic claws of dairy cows around Nairobi. *The Kenya Veterinarian* 31 (2): 72-78.

13. **Nguihu-Mwangi, J.;** Tsigadi, S.A. (2006): Categorizing wounds to improve clinical management and prognostic outcome: a retrospective study. *The Kenya Veterinarian* 30 (2): 73-80.
14. Mogo, E.G.M.; Mbithi, P.M.F.; **Nguihu-Mwangi, J.A.;** Kihurani, D.O. (2001): Alpha-2-Adrenoceptor agonists in veterinary practice. *The Kenya Veterinary* 22: 82-89.
15. Kihurani, D.O.; Nantulya, V.M.; Mbiuki, S.M.; Mogo, E.G.M.; **Nguihu-Mwangi, J.A.;** Mbithi, P.M.F. (1994): *Trypanosome brucei*, *T. congolense* and *T. vivax* infections in horses on a farm in Kenya. *Tropical Animal Health and Production* 26: 95-101.
16. Mande, J.D.; Mbithi, P.M.F.; **Nguihu-Mwangi, J.A.;** Mbiuki, S.M. (1993): Cestrum poisoning in a young horse. A case report. *Bulletin of Animal Health and Production in Africa* 41(2): 139-141.
17. **Nguihu-Mwangi, J.A.;** Kihurani, D.O.; Mbithi, P.M.F.; Mbiuki, S.M.; Mogo, E.G.M. (1991): Factors used to predict prognosis and economic outcome of surgery for advanced bovine ocular squamous cell carcinoma. *Bulletin of Animal Health and Production in Africa* 39 (4) 435-439.
18. **Nguihu-Mwangi, J.A.;** Munyua, S.J.M.; Mbithi, P.M.F.; Mbiuki, S.M.; Mogo, E.G.M. (1991): How to improve the prognosis of ventral abdominal hernias in large animals: 'modified' overlapping technique. *Bulletin of Animal Health and Production in Africa* 39 (3):315-320.
19. **Nguihu-Mwangi, J.A.;** Mbithi, P.M.F.; Mbiuki, S.M. (1991): Necrosis and sloughing of skin associated with limb cellulitis in four cows and a calf: predisposing causes, treatment and prognosis. *Veterinary Record* 129: 192-195.

20. **Nguhiu-Mwangi, J.A;** Mbiuki, S.M.; Maina, J.N. (1991): Complications, management and prognoses of distal limb wounds in cattle. *Bulletin of Animal Health and Production in Africa* 39 (3):299-305.
21. **Nguhiu-Mwangi, J.A;** Mbiuki, S.M.; Mutwiri, G.K. (1991): Bovine carpal hygroma: involvement of extensor carpi radialis and facilitated surgical excision. *Bulletin of Animal Health and Production in Africa* 39 (3):293-297.
22. Munyua, S.J.M.; **Nguhiu-Mwangi, J.A.;** Njenga, J.; Kariuki, D.I. (1991): An outbreak of foot and mouth disease and its socio-economic effects in a herd of pigs in Nairobi, Kenya. *Bulletin of Animal Health and Production in Africa* 39(1): 51-55.
23. Mbithi, P.M.F.; Mbiuki, S.M; **Nguhiu-Mwangi, J.A.;** Kihurani, D.O. (1991): Non-fracture lameness in cattle: a retrospective study. *Bulletin of Animal Health and Production in Africa* 39(3):307-309.
24. **Nguhiu-Mwangi, J.A.;** Byagagaire, S.D. (1990): Feasibility and prognosis of limb amputation in cattle and a goat. *Bulletin of Animal Health and Production in Africa* 28:391-393.
25. **Nguhiu-Mwangi, J.A.;** Mbithi, P.M.F. (1990): Anaesthesia in urinary tract disease. *The Kenya Veterinarian* 14: 28-31.
26. **Nguhiu-Mwangi, J.A;** Munyua, S.J.M.; Mbithi, P.M.F. (1990): Ways of improving the prognosis of ventral hernias in food animals. *The Kenya Veterinarian* 14: 20-22.
27. **Nguhiu-Mwangi, J.A.;** Kihurani, D.O.; Mbithi, P.M.F.; Mbiuki, S.M. (1990): Prognostic indicators and economic implications of advanced Bovine ocular squamous cell carcinoma after radical surgery. *The Kenya Veterinarian* 14: 23-25.

28. **Nguihu-Mwangi, J.A.**; Byagagaire, S.D. (1989): Effective management of severe ocular wound sepsis in cattle. *Bulletin of Animal Health and Production in Africa* 37:47-49.
29. **Nguihu-Mwangi, J.A.**; Byagagaire, S.D. (1989): Analgesia for bone resection: the use of rompun and local anaesthesia. Short communication. *Singapore Veterinary Journal* 13:75.
30. **Nguihu-Mwangi, J.A.**; Mbithi, P.M.F. (1989): Effect of location on severity and prognosis of limb cellulitis in six cows. *Veterinary Record* 125:151-152.
31. **Nguihu-Mwangi, J.A.** (1988): Excessive fibrotic periostitis as a complication of distal limb abscess in a cow. *Modern Veterinary Practice* 69 (2): 98-99.
32. **Nguihu-Mwangi, J.A.**; Byagagaire, S.D. (1988): Unusual cause of acute frothy bloat and complications of rumen puncture. *Modern Veterinary Practice* 69 (1): 33-34.
33. **Nguihu-Mwangi, J.A.**; Gitao, C.G. (1987): Acute cellulitis as a complication of foot rot in cattle. *Modern Veterinary Practice* 68 (2): 110-111.
34. **Nguihu-Mwangi, J.A.** (1986): Which toxic factors cause death during small bowel obstruction? *Veterinary Medicine* 81(11): 1020-1025.
35. **Nguihu-Mwangi, J.** (2007): Characteristics of laminitis and associated claw lesions in dairy cows in Nairobi and its environs. *PhD Thesis, University of Nairobi, Kenya.*
36. **Nguihu-Mwangi, J.** (1985): Detailed pathophysiologic studies of intestinal obstruction in goats. *MSc. Thesis, University of Nairobi, Kenya.*

2) **MANUSCRIPTS SUBMITTED FOR PUBLICATION**

1. Mwangi W.E, Mogoia E.M, and **Nguihu-Mwangi J** (2014): The Effects of epidural lidocaine, xylazine and their combination on body temperature in acepromazine-sedated dogs. *The Kenya Veterinarian* (Accepted for publication).

3) PAPERS PRESENTED IN CONFERENCES, SEMINARS AND WORKSHOPS:

1. **Nguihu-Mwangi J** (2014): The main factors affecting the welfare of dairy cows in the smallholder zero-grazing units in Kenya: a review from several studies. The Kenya Veterinary Association, NAIROBI BRANCH, Scientific Conference, Friday 7th February 2014, All Saints Cathedral
2. **J. Nguihu-Mwangi**, D. M. Kiriimi, P.N. Gitonga (2013): Disposal of waste from Veterinary Clinics and laboratories: a potential hazard to environment, human and animal health. 1st International One Health conference on One health and the control of infectious diseases: building capacity, systems and engaging communities. One Health Central and Eastern Africa (OHCEA). 23-26 September 2013, Hilton Hotel, Addis Ababa, Ethiopia. p 93.
3. **J. Nguihu-Mwangi**, P.M.F Mbithi, J.K. Wabacha, P.G. Mbutia (2013): Histological and ultrastructural changes in dairy cow claws with subclinical and chronic laminitis. In: *Proceedings of the 47th Kenya Veterinary Association Annual Scientific Conference on One Health Approach in Veterinary Training and Practice, 24th-26th April 2013 at White sands Hotel, Mombasa, Kenya.*
4. Mwangi, W.E., Mogo, E.M, **Nguihu-Mwangi, J** (2013): Effects of epidural xylazine, lidocaine, and their combination on body temperature in acepromaxine-

- sedated dogs. In: *Proceedings of the 47th Kenya Veterinary Association Annual Scientific Conference on One Health Approach in Veterinary Training and Practice, 24th-26th April 2013 at Whitesands Hotel, Mombasa, Kenya.*
5. Mwangi, W.E., Mogo, E.M, **Nguihu-Mwangi, J** (2013): Complications associated with anaesthesia in small animal practice in Nairobi County, Kenya. In: *Proceedings of the 47th Kenya Veterinary Association Annual Scientific Conference on One Health Approach in Veterinary Training and Practice, 24th-26th April 2013 at Whitesands Hotel, Mombasa, Kenya.*
 6. Aleri J.W., **Nguihu J M**, Mogo E.M. and Mulei C M (2012): Challenges in the smallholder (zero-grazing) production systems of Nairobi and its environs: A welfare perspective. In: *Proceedings of 8th Biennial Scientific Conference of the Faculty of Veterinary Medicine and the 46th Kenya Veterinary Association Annual Scientific Conference and 12th World Veterinary Day Celebrations, 25th-27th April 2012, at Safari Park Hotel, Nairobi, Kenya.*
 7. J.W. Aleri, **J. Nguihu-Mwangi**, E. M. Mogo and C. M. Mulei (2011): Risk factors associated with body injuries and poor welfare in cattle within smallholder units in periurban areas of Nairobi, Kenya. In *Proceedings of the 45th Kenya Veterinary Association Annual Scientific and 11th World Veterinary Day Celebrations 27th-29th April 2011, In Kisumu, Kenya.*
 8. **Nguihu-Mwangi, J.**; Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2008): Laminitis in cattle: an insidious but devastating claw disease syndrome affecting productivity of the dairy cows in Nairobi and its environs. *Proceedings of the 4th*

- JKUAT scientific, technological and industrialization conference. 4th to 5th December, 2008, Nairobi, Kenya, pp 469-478.*
9. **Nguihu-Mwangi, J.**; Mbithi, P.M.F.; Wabacha, J.K.; Mbuthia, P.G. (2008): The Status and effects of laminitis on claw health of dairy cows in smallholder units in Nairobi and peri-urban districts. *6th Biennial Scientific Conference and Exhibition, 17th-19th September 2008. Faculty of Veterinary Medicine, Kabete, Nairobi, Kenya.*
 10. **J. Nguihu-Mwangi**, P.M.F. Mbithi, J.K. Wabacha, P.G. Mbuthia (2006): Haemorrhagic sole is the most definitive diagnostic and distinguishing sign of subclinical and chronic laminitis in cattle. In: *Proceedings of the Faculty of Veterinary Medicine 5th Biennial Scientific Conference on Emerging/Re-emerging Diseases and Environmental Challenges, and Exhibition, September 6th-8th, 2006. Held at Faculty Premises, Upper Kabete Campus.*
 11. Attended and participated as **Rappateur** in the Workshop on review of BVM training, animal welfare incorporation into the BVM and stop-gap programmes and Postgraduate teaching in the Department of Clinical Studies. The workshop was held in KWIST Naivasha in November, 2007.
 12. **J. Nguihu-Mwangi**, P.M.F. Mbithi (1990): Anaesthesia in urinary system diseases. In: *Proceedings of The Kenya Veterinary Association Annual Scientific Conference held at Egerton University, Njoro, April 1990.*
 13. **Nguihu-Mwangi, J.A.**; Gathumbi, P.K.; Kihurani, D.O.; Mbithi, P.M.F.; Mbiuki, S.M. (1989): Atypical (cutaneous) actinobacillosis in cattle: clinical observation, diagnosis and treatment in eighteen cases. *Proceedings of the 1st Biennial Scientific*

- conference of the Faculty of Veterinary Medicine, University of Nairobi. Bulletin of Animal Health and Production in Africa pp 119-121.*
14. Kihurani, D.O.; Ngatia, T.A.; **Nguhui-Mwangi, J.A.** (1989): Ano-rectal squamous cell carcinoma in a cow and incidence of bovine intestinal tumours in Kabete, Kenya. *Proceedings of the 1st Biennial Scientific conference of the Faculty of Veterinary Medicine, University of Nairobi. Bulletin of Animal Health and Production in Africa pp 103-105.*
15. **J. Nguhui-Mwangi** (1989): management of advanced squamous cell carcinoma in cattle and ventral hernias. In: *Proceedings of The Kenya Veterinary Association Annual Scientific Conference held at KETRI, Muguga, April 1989.*

4) COURSES AND TRAINING ATTENDED AND CONTINUING PROFESSIONAL DEVELOPMENT:

- 1) Attended a PhD supervision course and workshop on climate change held in Sustainability Institute, Stellenbosch, South Africa and sponsored by TRECCA AFRICA in July, 2012.
- 2) Attended a Phd supervision workshop organized by College of Agriculture and Veterinary Sciences, and held in the Seminar room, Department of Clinical Studies, Faculty of Veterinary Medicine in 2012.
- 3) Attended a Workshop orthopaedics INTERNATIONAL A0 techniques and osteosynthesis held in Kenyatta National Hospital February, 1985.

- 4) Attended a Continuing Education Course in Veterinary radiology. Held at the Faculty of Veterinary Medicine, Kabete, Kenya in 1990 organized through Kenya Veterinary Association and taught by a radiologist from Bristol University, Scotland.
- 5) Attended a Course on Electron Microscopy Procedures. Conducted in collaboration between Department of Zoology, University of Nairobi and Sussex University, United Kingdom, 1990. Held in Chiromo campus, University of Nairobi.

5) REVIEW AND EDITORSHIP OF CONFERENCE PAPERS AND JOURNALS AND PARTICIPATION IN ORGANIZING OF SCIENTIFIC MEETINGS:

- 1) **Secretary to the editorial committee** of the Biennial Scientific Conference of the Faculty of Veterinary Medicine, University of Nairobi, Kenya, 1989.
- 2) **Member of the organizing committee** of the Biennial Scientific Conference of the Faculty of Veterinary Medicine, University of Nairobi, Kenya, 1989.
- 3) Participated in the review and editorship of scientific papers for publication in The Kenya Veterinarian: Journal of The Kenya Veterinary Association.

6) CONSULTANCIES AND PROFESSIONAL RELATED ACTIVITIES:

- 1) Actively involved in offering clinical services through the Large Animal Clinic, Faculty of Veterinary Medicine, University of Nairobi since 1981 to the present time (2013).
- 2) Have run own part-time private veterinary private practice, which involved offering of Clinical and Artificial Insemination services as well as sale of veterinary and agricultural chemicals and also day-old broiler and layer chicks.

7) ADMINISTRATIVE EXPERIENCES:

- 1) As Head of Surgery Discipline of the Department of Clinical Studies from 1995 to 2000 and from January 2013 to the present time.
- 2) As Coordinator of Large Animal Surgery teaching, Large Animal Surgical clinical and Large Animal Surgery Clinical Services in the Department of Clinical Studies, Faculty of Veterinary Medicine, University of Nairobi from 1990 to 2001.
- 3) As Coordinator of Medical Imaging course for BSc. Biomedical Technology students in the Department of Clinical Studies, Faculty of Veterinary Medicine, University of Nairobi since 2001 to May 2013.
- 4) As Coordinator for veterinary undergraduate Students' Field Attachments and BVM Students' Projects in the Department of Clinical studies, University of Nairobi from 2010 to 2013.
- 5) As short-term Acting as Chairman of the Department of Clinical Studies when the sitting chairman is on other assignments outside the university.

8) MEMBERSHIP AND REGISTRATION OF PROFESSIONAL BODIES AND ASSOCIATIONS:

- 1) Registered to practice veterinary medicine by the veterinary legal body: The Kenya Veterinary Board (KVB) since 1981. Registration Number: 525.
- 2) Member of the Kenya Veterinary Association (KVA). (Up-to-date Paid-up member, 2013)

9) MEMBERSHIP OF UNIVERSITY COMMITTEES:

- 1) Appointed member of Attachment and Projects Committee of the Faculty of Veterinary Medicine, University of Nairobi, 2010-2013.

10) COMMUNITY SERVICES:

- a. Participated severally in organizing and running poultry farmers' seminars in collaboration with Kenchic and animal feed millers while carrying out private part-time veterinary clinical services to the community.
- b. Participated as a local community livestock-show judge in an ASAL community of Oloi shobo in Kajiado County as a strategy to encourage the community on ways of improving their livestock production particularly beef and dairy cattle.
- c. I have been involved in Spiritual guidance and Counseling under Faith Evangelistic Ministry (1993-1997) in Nairobi.
- d. Member of the Advisory council for Christian Union in the College of Agriculture and Veterinary Sciences, University of Nairobi from 2007 to the present time.

11) PERFORMANCE APPRAISAL:

1. My performance as appraised by the peers, students and my job supervisor who is the chairman of the department in the University of Nairobi has always been **“Good”** to **“Exceeds Expectations”**. And in a percentage scale, it has always been **above 70%**.
2. My part-time lecturer performance as appraised by students in JKUAT in a scale of 0 to 5 has always been **above 4.5**

12) REFEREES.

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