

PERSONAL DATA



1. NAME: PROF. PETER MULWA FELIX MBITHI
2. PROFESSION: VETERINARY SURGEON
3. CURRENT ADDRESS: UNIVERSITY OF NAIROBI
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4. DATE OF BIRTH: 4TH JULY 1956
5. PLACE OF BIRTH: KANGUNDO, MACHAKOS DISTRICT, KENYA
6. NATIONALITY: KENYAN
7. MARITAL STATUS: MARRIED
8. CURRENT POSITION: DEPUTY VICE-CHANCELLOR
(ADMINISTRATION AND FINANCE)
AND
PROFESSOR OF VETERINARY SURGERY,
UNIVERSITY OF NAIROBI.

9. FORMERLY:

-PRINCIPAL
COLLEGE OF AGRICULTURE AND
VETERINARY SCIENCES,
UNIVERSITY OF NAIROBI.

-DEAN
FACULTY OF VETERINARY SCIENCES,
UNIVERSITY OF NAIROBI.

-CHAIRMAN
DEPARTMENT OF CLINICAL STUDIES,
UNIVERSITY OF NAIROBI.

1. ACADEMIC QUALIFICATIONS

BACHELOR OF VETERINARY MEDICINE (**B.V.M.**), University of Nairobi 1983.

MASTER OF SCIENCE (**M.Sc.** in Clinical Studies), University of Nairobi 1985.
Thesis: The use of skin grafts in the treatment of wounds of the distal limbs in cattle.

MASTER OF VETERINARY SCIENCE (**M.V.Sc.** Veterinary Anesthesiology
Radiology and Surgery), University of Saskatchewan, Canada 1987.

SURGICAL RESIDENCY – ADVANCED SURGICAL SPECIALTY PROGRAM.
Veterinary Teaching Hospital, Western College of Veterinary Medicine, University of
Saskatchewan, Saskatoon, Canada 1986 – 1987.

PH.D. Thesis: Studies on pseudoarthrosis of the bovine metacarpophalangeal joints.
UNIVERSITY OF NAIROBI, 1995.

CERTIFICATE. Participatory rural appraisal, social science research methodologies in
Agricultural and development research at the Organisation of Social Science Research in
Eastern Africa (OSSREA), Addis Ababa Ethiopia 1996.

PRESENT POSITION

Deputy Vice-Chancellor (Administration and Finance)

and

Professor of Veterinary Surgery,
University of Nairobi.

RESEARCH INTERESTS

1. Clinical veterinary medicine.
2. Orthopedic surgery, wounding and traumatology with special interest in lameness, joint surgery and arthritides.

EXPERIENCE: TEACHING, RESEARCH, CONSULTANCY, MANAGEMENT AND ADMINISTRATION,

- **Undergraduate**: Undergraduate lectures, Seminars and Clinicals. Teaching of Veterinary Surgery to 3rd, 4th and 5th year since 1983 to date.
- **Postgraduate**: Postgraduate lectures, Seminars and Clinicals. Have successfully supervised several Master of Science and Doctoral Thesis. Currently supervising 2 Ph.D students.
- Expertise in animal health delivery, monitoring and personnel training.
- Evaluation/inspection of private veterinary practices, participatory social research.
- Experiences in participatory rural livestock development work.
- Experiences in carrying out research and appraisals for enhancement of sustainable animal health care delivery systems, drugs/supply kits, supply centers and ethnoveterinary practices.
- Experiences in livestock health care delivery policy formulation and training.
- Has over 21 years experience in delivery of animal health services extension training.
- Involved in development and implementation syllabi for veterinary and agriculture students.
- Has experience and expertise in setting up private veterinary practices under Kenyan Veterinary Association Privatization Scheme.

- Served as consultant animal health care specialist for ETC – EA: Client DRDP and AHS Tanzania June - August 1999. Conducted study to evaluate of animal health care and drug delivery systems in Mwanza and Shinyanga regions of Tanzania.
- Consulting/setting up animal based enterprises for dairy, poultry, beef, dairy goats and pigs.
- Consulting for international/regional bodies in policy formulation and organizations for animal health care providers. 1999-May 2001. AHSP-DfID Mwanza, Tanzania.
- Peer reviewed and reported on a manual entitled Ethnovet practices of pastoralists of the Butana region of the Sudan by Prof. Babika in 1999.
- Appointed Chairman and Team Leader, Kenya Veterinary Association Privatization Scheme 1996 to date.
- National Committee Member. Delivery of Animal Health Services in Eastern Africa, 1998.
- Initiator and Co-ordinator. University of Nairobi, (Clinical Studies Department) University of Edinburgh (CTVM) linkage program. British Council Funded Higher Education Link, 1998 – 2000.
- Co-ordinator British Council funded Link between Clinical Studies Department, Department of Veterinary Medicine, Sokoine University of Agriculture and Department of Veterinary Medicine, Makerere University, Kampala.
- Chairman: Faculty of Veterinary Medicine Biennial Conference, 1998 conference with 60 scientific papers published in proceedings.
- Chairman, Faculty of Veterinary Medicine Biennial Conference, 2000 – with 56 scientific papers.
- Chairman, Faculty of Veterinary Medicine Biennial Conference, 2002 – with over 50 papers.
- Chairmanship: Department of Clinical Studies – 1995-2003
- Deanship – Faculty of Veterinary Medicine: 2003 – 2004
- College Principalship – College of Agriculture and Veterinary Sciences: 2003 – 2005
- Deputy vice-chancellor (administration and finance) – University of Nairobi – May 2006

LIST OF PUBLICATIONS IN REFEREED JOURNALS

1. J.A. Nguhiu-Mwangi and **Mbithi, P.M.F.** (1990). Effect of location on severity and prognosis of limb cellulitis in cows. *Vet.* 125, 152.
2. **Peter M.F. Mbithi** (1991). Comparative healing of untreated and saline bandage treated skin wounds of cattle. *Bull. Anim. Hlth. Prod. Afr.* 39, 191-194.
3. J.A. Nguhiu Mwangi, **Peter M.F. Mbithi**, S.J.M. Munyua, S.M. Mbiuki and E.G. Mogo (1991). Large animal abdominal hernias. "Modified overlapping technique". *Bull Anim. Hlth. Prod. Afr.*, 39, 315-320.
4. **Peter M.F. Mbithi** and J.V. Bailey (1991). Comparative healing of nitrofurazone bandage treated and untreated skin wounds of cattle. *Bull Anim. Hlth. Prod. Afr.*, 39, 93-96.
5. J.A. Nguhiu Mwangi, **Peter M.F. Mbithi** and S.M. Mbiuki (1991). Necrosis and sloughing of skin associated with limb cellulitis in 4 cows and a calf; predisposing causes, treatment and prognosis. *Vet. Rec.* 129, 129-195.
6. **Peter M.F. Mbithi**, S.M. Mbiuki, J.A. Nguhiu Mwangi and D.O. Kihurani (1991). Non-fracture lameness in cattle: A retrospective study. *Bull Anim. Hlth. Prod. Afr.*, 39, 307-309.
7. **Peter M.F. Mbithi**, S.M. Mbiuki and J. Kiptoon (1991). Clinical and experimental evaluation of the healing of autologous free full thickness skin grafted and untreated skin wounds in cattle. *Bull. Anim. Hlth. Prod. Afr.* 39, 289-291.
8. J.D. Mande, **P.M.F. Mbithi** and S.M. Mbiuki (1991). The breaking strength and resistance to abrasion of some plaster of Paris Casing bandages. *Bull. Anim. Hlth. Prod. Afr.* 41, 143-146.
9. J.D. Mande, **P.M.F. Mbithi** and S.M. Mbiuki (1993). Mechanical strength of some plaster of Paris casts. *Bull. Anim. Hlth. Prod. Afr.* 41, 151-153.
10. J.D. Mande, **P.M.F. Mbithi** and S.M. Mbiuki (1993). The resistance to abrasion of Plaster of Paris casts P.M.F. Mbithi and S.M. Mbiuki (1993). Radiological evaluation of plaster cast bandages. *Bull. Bull. Anim. Hlth. Prod. Afr.* 41, 151-153.
11. J.D. Mande, **P.M.F. Mbithi** and S.M. Mbiuki (1993). Radiological evaluation of plaster cast bandages. *Bull. Bull. Anim. Hlth. Prod. Afr.* 41, 151-153.
12. J.D. Mande, **P.M.F. Mbithi** and S.M. Mbiuki (1994). Clinical evaluation of casting bandages available in Kenya. *Bull. Amim. Hlth. Prod. Afr.* 42, 103-107.

13. D.O. Kihurani, V.M. Nantulya, S.M. Mbiuki, E. Mogo, J. Nguhiu-Mwangi and **P.M.F. Mbithi** (1994). Trypanosoma brucei, T. congolense and T. vivax infections in horses on a farm in Kenya. Trop. Anim. Hlth., Prod. 26 95-101.
14. Mutasa, J.A. and **P.M.F. Mbithi**, (1994). Gastro-intestinal obstruction in dogs at the Veterinary clinic, Kabete. Kenya Veterinarian Journal 18 (1) 102.
15. C.M. Mulei and **Mbithi, P.M.F.** (1998). A comparison of the clinical hematological values of healthy adult beef and dairy cattle at Kabete. The Kenya Veterinarian, Vol. 13 pp. 33-34.
16. J.K. Wabacha, G.K. Gitau, J.M. Nduhiu, A.G. Thaiyah, **P.M.F. Mbithi** and S.J.M. Munyua (1998). An outbreak of urticarial form of swine erysipelas in a medium-scale piggery in Kiambu District, Kenya. J.S. Afr. Vet. Med. Ass. 69 (2) 61-64.
17. **P.M.F. Mbithi**, J.M. Nduhiu and J.K. Mahia (1998). Incidence of animal skin surface infections and its correlation to environmental contamination: a clinical and experimental study. Kenya Veterinary Journal 23 (4) pp. 221-224.
18. J.D. Mande, I.B.J. Buoro, **P.M.F. Mbithi** and S.W. Mbugua (1998). Polysulfated glycosaminoglycans in the treatment of osteoarthritis in animals. Kenya Veterinary Journal 23 (4) pp. 95-98.
19. J.D. Mande, I.B.J. Buoro, S.W. Mbugua and **P.M.F. Mbithi**, (1998). Experimental models of osteoarthritis. Kenya Veterinary Journal, 23 (4) pp. 91-94.
20. **P.M.F. Mbithi** (1998). An overview of postgraduate training in veterinary clinics worldwide. Kenya Veterinary Journal 23 (4) pp. 217-221.
21. J.K. Wabacha, G.K. Gitau, L.C. Bebor, C.O. Bwanga, Z.M. Wamuri and **P.M.F. Mbithi** (1998). Occurrence of dermatomycosis (Ringworm) due to trichophyton verrucosum in dairy calves and its spread to animal attendants. Kenya Veterinary Journal 23 (4) pp. 213-215.
22. J.A. Nguhiu-Mwangi, S.M. Munyua, **P.M.F. Mbithi** (1999). Ways of improving the prognosis of ventral hernias in food animals. The Kenya Veterinarian 14, 20-22.
23. J.A. Nguhiu-Mwangi, **P.M.F. Mbithi**, D.O. Kihurani, S.M. Mbiuki (1999). Prognostic indicators and economic implications of advanced bovine ocular squamous cell carcinoma after radical surgery. The Kenya Veterinarian 14 , 23-25.
24. J.A. Nguhiu-Mwangi and **P.M.F. Mbithi** (1999). Anaesthesia in urinary tract disease. The Kenya Veterinarian 14, 28-31.

25. Njoroge E.M., Maxson-Sage A., Wachira T.M., Zelye E.E., Weber E.P., Smith G., **P.M.F. Mbithi** and Gathuma J.M. (2000). Determination of sensitivity and specificity of ultrasonography in diagnosis of hydatid cysts in the liver and right lung of sheep and goats. *Kenya Veterinary Journal* 23 (4) pp. 215-216.
26. D.R. Ndeereh, **P.M.F. Mbithi** and D.O. Kihurani (2000). Evaluation of 4-aminopyridine for the reversal of xylazine sedation in goats. *Israel J. Vet. Med.* 35 (1) pp. 23-26.
27. D.W. Gakuya, **P.M.F. Mbithi** and N.K.R. Musimba (2000). Preliminary study of three medicinal plants used as antihelmintics for livestock in Kibwezi and Tunyo divisions of Makueni and Marakwet districts, Kenya. *Kenya Vet. Journal* 24 pp. 81-93.
28. D.R. Ndeereh, **P.M.F. Mbithi** and D.O. Kihurani. (2000). Clinical and experimental evaluation of yohimbine for the reversal of xylazine anaesthesia in goats. *Kenya Vet. Journal* 24 pp. 69-72.
29. E.M. Njoroge, **P.M.F. Mbithi**, J.M. Gathuma, J.K. Magambo and E. Zeyhle (2000). Application of ultrasonography in prevalence studies of hydatid cysts in goats in Northwestern Turkana, Kenya and Toposoland, Southern Sudan. *Onderstepoort Journal of Veterinary Research.* 67: 251-255
30. D.R. Ndeereh, **P.M.F. Mbithi** and D.O. Kihurani (2001). The reversal of xylazine hydrochloride by yohimbine and 4-aminopyridine in goats. *Tydskr.S.Afr.vet.Ver.* (2001) 72(2): 64-67.
31. Mogoia E.G.M., **Mbithi, P.M.F.**, Nguhiu, J.M. and Kihurani D. (2001). Alpha-2-adrenoceptor agonists in veterinary practice. *The Kenya Veterinarian* Vol. 22 pp. 82-90.
32. Mande, J.D. and **Mbithi, P.M.F.** (2001.) An overview of the role of veterinary schools in emergency and disaster management. *The Kenya Veterinarian* Vol. 22 (2001) 66-68.
33. Mulei, C.M., J.K., Wabacha and **P.M.F. Mbithi**. (2001). Short-term economic impact of foot and mouth disease outbreak in large dairy farm in Kiambu District, Kenya. *The Kenya Veterinarian* Vol. 22 (2001) 76-78.
34. E.M. Njoroge, **P.M.F. Mbithi**, J.M. Gathuma, T.M. Wachira, P.B. Gachura, J.K. Magambo and E. Zeyhle (2002). A study of systic echinococcosis in slaughter animals in three selected areas of Northern Turkana. *VETERINARY PARASITOLOGY.* 104: 85-91.
35. J.D. Mande and **P.M.F. Mbithi** (2003). Volume of ligamentum capitis femoris in osteoarthritis of the hip joints of adult dogs. *Journal of South African Veterinary Medical Association.* 74 (1) 11-13.

Professional/Academic Books

36. **Peter M.F. Mbithi**, Charles M. Mulei and G.M. Magoa (2003). Restraint of Domestic, Wild and Laboratory Animals: A manual for students, practitioners and animal handlers. Published by, University of Nairobi Press.
37. C.M. Mulei and **P.M.F. Mbithi** (2003). Metabolic and Nutritional Diseases of Food Animals. Published by, University of Nairobi Press.
38. **P.M.F. Mbithi**, C.M. Mulei, Nguhiu-Mwangi (2004). Handbook of the Principles of General Veterinary Surgery. Accepted for publication by, University of Nairobi Press.
39. **P.M.F. Mbithi**, J.A.N. Mwangi, et al (2004). Principles of Veterinary Surgery. Accepted for publication by, University of Nairobi Press.

40. D.W Gakuya, **P.M.F. Mbithi**, T.E Maitho and N.K.R. Musimba (2004). Potential use of plant antihelmintics for the control of livestock helminthoses in Kenya. Kenya Veterinarian Vol. 26 pp. 14-26.
41. E.M. Njoroge, E. Zeyhle, J.K. Magambo, **P.M.F. Mbithi** and J.M. Gathuma. (2004). Evaluation of cost of ultrasound surveys for cystic echinococcosis in goats in a nomadic pastoral community. International Archives of the Hydatidosis Vol. 35 pp. 100-102.
42. J.K. Wabacha, C.M. Mulei, M.N. Kyule, K.H. Zessin, **P.M.F. Mbithi**, W.K. Munyua and J.M. Maribei. (2004). Helminthosis in smallholder pig herds in Kikuyu Division, Kiambu District, Kenya. Kenya Veterinarian Vol. 26 pp. 29-33.
43. E.M. Njoroge, **P.M.F. Mbithi**, T.M. Wachira, J.K. Magambo and E. Zeyhle (2004). Ethyl Alcohol: Is it necessary in the P.A.I.R Technique? International Archives of the Hydatidosis Vol. 35 pp. 149-150.
44. D.W. Gakuya, J.M. Mbaria, **P.M.F. Mbithi** and R.W. Munenge (2004). Evaluation of the bioactivity of some traditional medicinal plants using the Brine Shrimp Lethality Test. Kenya Veterinarian Vol.26 pp. 8-11.
45. J.D. Mande, **P.M.F. Mbithi**, et al (2004). Pathophysiology and clinical management of degenerative joint disease. Kenya Veterinarian Vol. 27 pp. 42-44.
46. **P.M.F Mbithi**, E.M. Njoroge, J.M.Gathuma, T.M. Wachira, J.K. Magambo, S. Njiru and E. Zeyhle (2005). Evaluation of Ethyl Alcohol in Treatment of Cystic Echinococcosis using Puncture Aspiration Introduction Reaspiration (PAIR) Technique. Journal of Animal and Veterinary Advances Vol. 4 pp. 414-416.
47. **P.M.F. Mbithi** and S.E. Mitema (2005). The ability of Phenylbutazone and dexamethazone to modulate post operative phenomena in cattle. Kenya Veterinarian Vol. 28 pp. 10-12.

48. Njoroge E., **Mbithi P.M.F**, et al (2005). Comparative Study of Albendazole and Oxfendazole in Treatment of Cystic Echinococcosis in Sheep and goats. Accepted for publication by, The Journal of Applied Research Vol. V No. 2.
49. J.D. Mande, **P.M.F. Mbithi**, et al (2005). Some clinical features of osteoarthritis in the hip joints of adult dogs in Kenya. Kenya Veterinarian Vol. 28 pp.20-22.