

# CURRICULUM VITAE

**A NAME:** JAMES M. MARIBEI BVSc., MSc., Ph.D.  
-  
**DATE AND PLACE OF BIRTH:** 1945, NYERI, KENYA  
**MARITAL STATUS:** MARRIED

## EDUCATION:

- KAPE: - 1960, Ihururu Primary School
- O-Level - 1964, Kagumo High School
- HSC - 1966, Thika High School
- BVSc. - 1971, University of Nairobi
- MSc. - 1974, University of Nairobi
- Ph.D - 1978, Cornell University (USA)

## B PAST POSITIONS

1. District Veterinary Officer - 1971 (April – November)
2. Assistant Lecturer (UON) - 1971 to 1975
3. Study leave in USA - 1975 to 1978
4. Post-doctoral research fellow at  
Cornell University (USA), - 1976 to 1978.
5. Lecturer (UON), - 1978 to 1979
6. Senior Lecturer (UON), - 1979 to 1996
7. Associate Professor (UON), - 1996 to date

## C RESPONSIBILITIES

1. Head of Medicine Discipline - 1980 to 1996
2. Research co-ordinator in the Clinical Studies Department - 1981 to 1984
3. External examiner – Faculty of Agriculture  
Sokoine University - 1980 to 1984
4. Co-ordinator of enhanced Ambulatory services - 1998 to date
5. Board member of Clinical Studies Profit Centre (IGU) - 1996 to date

## D PROFESSIONAL RESPONSIBILITIES

1. Registered Veterinarian with Kenya Veterinary Board (KVB)
2. Founder Member and Secretary to Kenya College of Veterinary Clinics (KCVC)
3. Member Kenya Veterinary Association (KVA)

## E COMMITTEES

1. Member of subcommittee on restructuring of Faculty of Veterinary Medicine - 1980
2. Member, Mini Board of Directors of Clinical Studies profit center - 1996 to date
3. Member Faculty inter-committee on manpower planning and employment –  
representing Clinical Studies Department - 1978 – 1979.

4. Member, Faculty Visitation preparedness committee representing Clinical Studies Department. Charged with advising the Vet. Faculty on the state of teaching facilities in preparation of Kenya Veterinary Board visit for accreditation -2002.

## **F TEACHING EXPERIENCE**

Undergraduate. Teaching of Veterinary Medicine to 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> years since 1971 to date.

Postgraduates: Teaches following courses:-

- 1) Masters Course in Clinical Studies. A course run by whole department. I mainly teach topics on Internal Medicine
- 2) Masters in Veterinary Epidemiology and Economics (MVEE). A course run by Department of Public Health, Pharmacology and Toxicology (PHPT). I teach topics on Dairy Herd Health.
- 3) Masters in Wildlife management and Health. A parallel degree programme. Started by Clinical Studies Department in year 2002.
- 4) Postgraduate diploma in Biomedical epidemiology and diseases surveillance. A course developed by the department but not yet started.

## **G POSTGRADUATE SUPERVISION**

Completed Thesis

1. Dr. Mitema - Experimental studies with quinorium sulphate (Ph.D. thesis) (1984)
2. Dr. P.W. Maina – A study of subclinical mastitis using various available Recommended Methods in Kenyan Environment (MSc. Thesis). (1987)
3. Dr. F. Masembe – Infertility problems in pigs (MSc. Thesis) (1984)
4. Dr. Nyanga'o J.M. Manifestation of Experimental Trypanosoma Evansi infection in the Dromedary Camel and the Effect on Treatment on Haematological Biochemical and Serological Values. MSc. Thesis, (1993).
5. Dr. Ernest M. Njoroge. Studies on Experimental water Intoxication in Calves. MSc. Thesis, (1994)
6. Dr. G.K. Gitau. A Study of the Factors Influencing Endemic Stability and Instability to Theileriosis on Dairy Production in Murang'a District, Kenya (Ph.D thesis) (1998)
7. Dr. J.K. Wabacha. Factors Influencing Pig Health, Productivity and Economics of Intervention in smallholder Farms in Kiambu District, Kenya PH.D. thesis. (2001)

## **H CURRENT POSTGRADUATE SUPERVISION**

1. Dr. A.G. Thaiyah. Toxicity of Solanum Incanum L in goats (Ph.D. thesis).
2. Dr. Paul Egesa Egang'a. The Association between feeding poultry litter and Downer cow syndrome. (MSc. Thesis).
3. Dr. James Nguhiu-Mwangi. Inter and Intraspecific Evaluation of the Healing process of granulating wounds. A stereological Analysis. (Ph.D Thesis)

## **J POST-GRADUATE EXAMINATIONS**

1. Prof. Japheth C. Kiptoon, Ph.D (1981) (Internal Examiner)  
Toxicological investigation of *gnidia latifolia* (meison) a plant commonly used in traditional medicine.
2. Dr. S.H. Maloo MSc. (1983) (Board Member)  
Aflatoxin B1 and Liver function.
3. Dr. Florence Masembe, MSc. (1984) (Internal Examiner).  
“Infertility problems in pigs”
4. Prof. Stanley M. Mbiuki (Late) Ph.D (1984) (Board member)  
Comparison of simple Interrupted Gambee and crusing techniques for intestinal anastomosis in cattle.
5. Dr. James Nguhiu-Mwangi MSc. (1984) (Board Member)  
Detailed pathophysiologic Studies of Intestinal Obstructions in Goats.
6. Prof. S.M. Mitema Ph.D (1984) (Internal Examiner)  
Experimental Studies with quiorium sulphate.
7. Dr. P.W. Maina – MSc. (1987) (Internal Examiner)  
“A Study of subclinical mastitis control using available recommended methods in Kenyan environment.”
8. Dr. Mbithe Mulinge MSc. (1991) (Internal Examiner)  
The pathogenesis and Clinical Pathology of cowdriosis (Hardwater) in sheep.
9. Dr. L.M. Kamau MSc. (1993) (Internal Examiner)  
“A survey of cobalt related vitamin B<sub>12</sub> deficiency in common breeds of goats in small farming communities of Rift Valley of Kenya.”
10. Dr. Elizabeth M. Waithanji MSc. (1993) (Board Member)  
“Trials on antigen Elisa for field diagnosis of *T. evansi* infections in Camels.”
11. Dr. Gitao, C.G. Ph.D (1993) (Board Member)  
“The epidemiology of Camel pox and the development of a Camel pox vaccine.”
12. Dr. Ernest, M. Njoroge MSc. (1994) (Internal Examiner)  
“Experimental Water Intoxication In calves.”
13. Dr. J.M. Nyangao, MSc. (1993) (Internal Examiner)  
“Manifestations of experimental *Trypanosoma evansi* infection in the Dromedary Camel and the effect of treatment on haematological biochemical and serological values.
14. Dr. Omega, J. Anesa, MSc. (1997) (Internal Examiner).  
Enzyme – linked immunosorbent assay for detection of circulating *Fasciola gigantica* in sera of experimentally infected sheep.

15. Dr. Matete, G.O. MSc. (1997) (Internal Examiner).  
Lymphocyte infectivity and characterization of *Theileria parva* isolated from paddocks in Kiambu District.
16. Dr. A.K. Lewa MSc. 1998 (Internal Examiner).  
“Seasonal prevalence and abundance of gastrointestinal tract parasites in Kenyan donkeys with special reference to Kiambu District.”
17. Dr. R.M. Waruiru Ph.D (1998) (Internal Examiner)  
“Epidemiology and control of gastrointestinal nematodes infection of dairy cattle in Kiambu District, Kenya.
19. Dr. S.N. Muchohi, MSc. (2000) (Internal Examiner) .  
“Pharmacokinetics of phenytoin following intravenous and intramuscular administration of fosphenytoin and phenytoin sodium in the rabbit and rat”.
18. Dr. George K. Gitau Ph.D (1998) (Internal Examiner)  
“ A study of factors influencing endemic stability and instability to theileriosis on dairy production in Murang’a District”.
20. Mr. F. M’Mboyi, MSc. (2001) (Board Member)  
“The structure and performance of delivery systems for Tsetse and Trypanosomiasis controls, inputs and services in Kenya”.
21. Dr. J. Kasiiti J. Lichoti, MSc. (2001) (Board Member).  
Epidemiology of Avian Paramyxoviruses in Kenya with special reference to live bird market, village chickens and wild birds.
22. Dr. Bernard Bett, MSc. 2001(Internal Examiner)  
“Investigation of the role of private animal health service in the provision of clinical Veterinary Services in Busia District, Kenya”.
23. Dr. James K. Wabacha, Ph.D (2001) (Internal Examiner).  
“Study of factors influencing pig health, productivity and economics of interventions in Small Holder pig farms in Kikuyu Division, Kiambu District, Kenya.”

## **K RESEARCH INTERESTS**

1. Water poisoning in calves
2. Pig Health & productivity
3. Diagnosis and treatment of East Coast Fever.
4. Trace mineral research especially copper metabolism and its relationship to zinc and molybdenum metabolism.

## **CURRENT RESEARCH PROJECT**

1. On farm study of factors influencing pig health productivity and wastage in smallholder farms in Kiambu district. Funded by Agricultural Research Fund (ARF) co-investigator with Dr. James, K. Wabacha.

## **L. CURRICULUM DEVELOPMENT**

1. Continuous Reviewing of Bachelor of Veterinary Medicine (BVM) especially as concerns Medicine Discipline.
2. Developed with others in the department a Masters Science course in Clinical Studies.
3. Developed with others in department a Masters course in Wildlife and Management. I co-ordinate the development of section on Wildlife disease Epidemiology and economics.
4. Participated in development of Certificate course in Artificial Insemination and Fertility Management.
5. Postgraduate diploma in biomedical epidemiology and disease surveillance. A course developed but not yet started.

## **M. PUBLICATIONS**

### **THESIS**

1. **Maribei, J.M.** (1974). Experimental East Coast Fever. A study of clinical signs, haematology and biochemistry. MSc. Thesis (University of Nairobi).
2. **Maribei, J.M.** (1978). Experimental chronic copper poisoning in sheep. Ph.D. thesis (Cornell University).

### **JOURNAL PAPERS**

1. Kamau, J.A. and **Maribei, J.M.**, (1974). Systemic Bovine Mucormycotic Infection. A case report. Bull. Epiz. Dis. Africa 22 (2) 133-142.
2. Kaminjilo Jr. J.S., G.E. Burrows, **J.M. Maribei**, and J.N Gicho., (1975). Stomatitis in calves caused by a virus antigenically similar to allerton virus. Bull. Epiz. Dis. Africa 23 (1) 108.
3. Kiptoon, J.C., **J.M. Maribei**, L.J.W. Kamau and P. Thuo. Bovine Borreliosis in Kenya. *Borrelia theileri* Associated with bovine anaemia. The Kenya Veterinarian 3(1), 11-12 (1979).
4. **Maribei, J.M.**, B.C. Tennant and B. Baldwin (1979). Effects of intravenous administration of D-penicillamine on Liver Copper stores of housed sheep. The Kenya Veterinarian 3(1), 7-9.
5. **Maribei, J.M.**, (1981). Histopathological changes of liver and kidney in sheep chronically poisoned with copper. The Kenya Veterinarian Vol. 5(2).
6. Mitema, E.S., I. Nafstad, **J.M. Maribei**, (1984). Acute toxicity studies with quinuronium sulphate in laboratory animals and sheep. Toxicology letters 20, 6974.

7. Kiptoon, J.C., J.B. Masha, and **J.M. Maribei**, (1984). A survey of the incidence of salmonella and other coliform enteritis in cattle in Kabete area of Kiambu district (1977 – 1982). *Bull. Anim. Hlth, & prod. Afr.*, Nairobi.
8. Mitema, E.S. and **J.M. Maribei**, (1985). Quinuronium Induced hepatotoxicity in Rats. *Toxicology letters* 24, 53058.
9. **Maribei, J.M.** (1984). Management of neonatal calf diarrhoea. A paper presented at Kenya Veterinary Association Seminar.
10. **Maribei J.M.**, (1985). The efficacy of “Wormicid R pus.” A new broad spectrum anthelmintic under field conditions. *The Kenya Veterinarian* 9 (1), 11-13.
11. Shull R.M., S.E. Bunch **J.M. Maribei**, G.L Spaulding,. (1978). Spur cell anaemia in a Dog. *JAVMA* 173 (8) 978-982.
12. G.J.O Agumbah, F.N. Masembe and **J.M. Maribei** (1990). Ovulatory rate, fetal loss, litter size and preweaning mortality as factors in pig production in Kenya. *Indian Journal* 70, 817 – 822.
13. Maina P.W., G.M Mugeru, **J.M. Maribei**, and P.N Nyaga. (1985). The control and prevention of subclinical mastitis in Kenya. *The Kenya Veterinarian* Vol. 9(2) 6-8.
14. Nyang’ao, J.M.N, W. Olaho-Mukani,., **J.M. Maribei**, J.K. Omuse, (1995). Evaluation of the efficacy of melarsenoxyde cystemine (cymelarsen) in treatment of camels experimentally infected with *Trypanosoma evansi* using antigen trapping enzyme-linked immunosorbent assay. *J. Vet. Pharmacol. Therap.* 18,468-470.
15. Njoroge, E.M., **J.M. Maribei**, and P.N. Mbugua, (1997). Pathological changes in calves that died form experimental water intoxication. *Onderstepoort Journal of Veterinary Research*, 64: 111-114.
16. Nyanga’o J.M.N., W Olaho-Mukani,., **Maribei, J.M.** and Omuse J.K. (1997). A study of some haematological and biochemical parameters of the normal dromedary camel in Kenya. *Journal of Camel Practice and Research*, 4(1) 31-33.
17. Gitau, G.K., Perry, J.J., McDrumott, J.J., Katende, J.M. and **Maribei, J.M.** (1997). Risk factors associated with *Theileria pava* infection in cattle in smallholder dairy farms in Muranga district, Kenya; a longitudinal study. 8<sup>th</sup> International symposium on veterinary epidemiology and economics, Paris, France 8<sup>th</sup> – 11h July 1997.
18. **Maribei, J.M.**, Njoroge E.M. and Mbugua, P.N. (1998). Clinical manifestation of experimental water intoxication in calves *Indian Journal of Animal Sciences* 68(6): 531 – 532.
19. **Maribei, J.M.**, E.M. Njoroge, and S.M. Njiro (1998). A case of ovine lymphosarcoma in Kenya. A case report. *J. of S. Africa Vet. Ass.* 69(3): 105-107.

20. Njoroge, E.M., **J.M. Maribei**, and S.M. Njeru, (1999). Water Intoxication in cattle. *J.S. Afr.. Vet. Ass.* 70(4): 177-179.
21. **Maribei, J.M.**, J.K. Wabacha, and E.M. Njoroge, (1999). Streptococcal meningitis in a five-month old male lamb. *Tydskr. S. Afr. Vet. Ver.* 7(2): 2-4.
22. Wabacha, J.K., **Maribei, J.M.**, A.G. Thaiyah, S.J.M. Munyua, D.N. Karanja, and E.M. Njoroge (2000). Progressive atrophic rhinitis in a medium scale pig farm in Kiambu, Kenya. *Tydskir. S. Afr. Vet. Ver.* 71(2): 1- 3
23. Wabacha, J.K., C.M. Mulei., **J.M. Maribei**, and P.M.F. Mbithi (2001). Occurrence of Clinical Dermatophilosis in zero-grazed dairy cattle. *The Kenya Veterinarian Vol. 21: 43-44.*
24. Wabacha, J.K., C.M. Mulei, **J.M. Maribei** and M.N. Kyule (2001). Farm Demographics and Pig management practices of smallholder pig farms in Kikuyu Division Kiambu District. *The Kenya Veterinarian 22: 72-75*

### **PAPERS IN PRESS**

25. Maribei, J.M., E.M. Njoroge and P.N. Mbugua(2002)Erythrocyte fragility of calves suffering from experimental water intoxication. *Bull. Anim. Hlth, & prod. Afr., Nairobi*
26. Wabacha, J.K., Mulei, C.M., M.N. Kyule, K.H Zessin, E.H. Weda and J.M. Maribei (2002). Prevalence of sarcoptic mange in pigs in Smallholder herds in peri-urban area in Central Kenya Highlands. *OAU – IBAR.*
27. Wabacha, J.K., J.M. Maribei, C.M. Mulei, M.N. Kyule (2002). Helminthosis in small holder pig herds in Kikuyu division, Kiambu district, Kenya. *Journal of South African Veterinary Association.*

### **PAPERS ACCEPTED**

1. Wabacha, J.K., J.M. Maribei, C.M. Mulei, M.N. Kyule, K.H. Zessin and W. Oluoch-Kosura (2002). Sow reproductive performance and the associated herd-level factors in Small holder herds in a peri-urban area in Kenya. *Preventive Veterinary Medicine Journal.*
2. Wabacha, J.K., J.M. Maribei, C.M. Mulei, M.N. Kyule, K.H. Zessin and W. Oluoch Kosura (2002). Piglet morbidity and mortality in Smallholder herds in a peri-urban area in Kenya, *Journal of Preventive Veterinary Medicine.*
3. Wabacha, J.K., J.M. Maribei, C.M. Mulei, M.N. Kyule and W. Oluoch-Kosura(2002). A longitudinal study on health and productivity of grower pigs on smallholder herds in Central Kenya Highlands. *Journal of Preventive Veterinary Medicine.*

## **CONFERENCE PROCEEDINGS PAPERS**

1. Maribei, J.M., E.M. Njoroge, and P.N. Mbugua, (1996). Factors that contribute to occurrence of water intoxication in calves. Presented at the Kenya Veterinary Association Annual Scientific Conference, 28-30 April, 1996.
2. Wabacha, J.K., J.M. Maribei, C.M. Mulei, M.N. Kyule and E.H. Weda (2000). Evaluation of sarcptic mange status in pigs in Smallholder farms in Kikuyu Division, Kiambu District. Proceedings of the Biennial Scientific Conference, Faculty of Veterinary Medicine, University of Nairobi, Kenya. 30<sup>th</sup> -1<sup>st</sup> September 2002.
3. Wabacha, J.K., C.M. Mulei, J.M. Maribei and P.M.F. Mbithi (2002). Occurrence of Dermatophilosis in Zero-grazed Dairy Cattle. Kenya Veterinary Association Annual Scientific Conference, 26-28<sup>th</sup> April 2000, Mombasa, Kenya.
4. Wabacha, J.K., C.M. Mulei, J.M. Maribei (2000). Demographics of Smallholder Pigs farms in Kikuyu Division, Kiambu District. Kenya Veterinary Association Annual Scientific Conference. 26<sup>th</sup> – 28<sup>th</sup> April, 2000, Mombasa, Kenya.
5. Wabacha, J.K., C.M. Mulei, J.M. Maribei and P.M.F. Mbithi (2000) An outbreak of Atrophic rhinitis in Medium Scale Pig Farm in Kiambu. Kenya Veterinary Association Annual Scientific Conference 26<sup>th</sup> – 28<sup>th</sup> April 2000, Mombasa, Kenya.
6. Wabacha, J.K., J.M. Maribei, C.M. Mulei, M.N. Kyule, K.H. Zessin and W. Oluoch-Kosura. (2002). Sow reproductive performance and the associated herd-level factors in smallholder herds in peri-urban area in Kenya. Biennial Scientific Conference, Faculty of Veterinary Medicine University of Nairobi, 7<sup>th</sup> – 9<sup>th</sup> August, 2002.
7. Wabacha, J.K., J.M. Maribei, C.M. Mulei, M.N. Kyule, K.H. Zessin and W. Oluoch-Kosura. (2002). Piglet morbidity and mortality in smallholder herds in a peri-urban area in Kenya. Biennial Scientific Conference, Faculty of Veterinary Medicine, University of Nairobi, 7<sup>th</sup>-9<sup>th</sup> August, 2002.

## **WORKSHOPS ATTENDED**

1. Workshop on African Swine Fever  
Epidemiology, Field diagnosis and surveillance. Veterinary Laboratory Kabete  
11<sup>th</sup> July 1996. Sponsored by FAO.
2. Biotic Stress Workshop. University of Zambia, Lusaka 9<sup>th</sup> – 10<sup>th</sup> July, 2001.  
USHEPIA-Rockefeller Health Equity and food security workshops 2001.