

Curriculum Vitae

Wahome, Raphael Githaiga, BVM, MSc, PhD

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Age: 47 years.

Nationality: Kenyan.

Marital status: Married with three children



STATEMENT OF PURPOSE:

To achieve an excellent position in my field of expertise so as to be nationally recognized and to influence events through contribution to my university, my community, my nation and the world..

Objectives

1. To teach and train in animal production
2. To acquire, generate and disseminate knowledge and practices in animal production
3. To encourage and inspire acquisition and generation of knowledge in animal production

Academic qualifications.

<u>University degrees:</u>			
<u>Year</u>	<u>Degree</u>	<u>Institution</u>	<u>Specialization</u>
1998	PhD	University of Nairobi	Animal Production
1988	M.Sc.	University of Nairobi	Animal Production
1984	B.V.M.	University of Nairobi	Veterinary Medicine
<u>Primary, secondary and high school education:</u>			
<u>Year</u>	<u>Certificate</u>	<u>School</u>	<u>Qualification</u>
1978	E.A.A.C.E	Thika High School	3 Principal passes (A, B and C)
1976	E.A.C.E	Njoro School	First Division (7 distinctions)
1972	C.P.E	Keringet and Mona Primary Schools	34 Points

Prizes: Biology prize, 1978, Thika High school.

Other Training

- 1) One week training on “**Content Development for E-learning and Distance Education Platforms.**” Held by Institute of Computer Science and Faculty of external studies of the University of Nairobi at The Machakos Garden Hotel, June 2 – June 9, 2003.
- 2) One week FAO/IAEA training on "**Formulation of Feed Supplementation Packages**" at University of Rabat, Morocco, in March, 1997.
- 3) Four months training in “**Veterinary Epidemiology and Economics and Pig Farm Visits**” at the Department of Population Medicine, Ontario Veterinary College, University of Guelph, Ontario, Canada, September- December, 1995.
- 4) One month training in “**Computer Hardware Problems diagnosis and Treatments**” at ILCA Headquarters, Addis Ababa, Ethiopia from 2nd February to 2nd March, 1992.
- 5) Three weeks training in “**Biometrics and Data Management**” at ILCA Headquarters, Addis Ababa, Ethiopia from 4th November, 1990 to 23rd November, 1990.
- 6) One Week training in “**Macintosh Applications for Data management, Manipulations, Analysis and Results Presentation**” at Comp-Rite Offices, Nairobi, in 1988.
- 7) Nine months Training in “**Swine Reproduction Techniques and Animal Research Data Analysis**” from September 23rd, 1988 to May 27th, 1989 at the University of Alberta, Edmonton, Alberta, Canada. **Courses:** 481 Pig Production; 580 Biometrical Techniques in Animal Science I; 583 Biometrical Techniques in Animal Science II; 587 Modelling of Livestock Production systems; Project on Prediction of Post-weaning oestrus in sows.

EMPLOYMENT HISTORY (Work experience).

- 1) 2001- To date Senator, University of Nairobi Senate (Faculty of Veterinary Medicine representative)
- 2) 1998 - To date Senior Lecturer, Department of Animal Production, University of Nairobi
- 3) 1988 - 1998: Lecturer, Department of Animal production, University of Nairobi
- 4) 1984 - 1988: Assistant Lecturer, Department of Animal Production, University of Nairobi.
- 5) 1984 Veterinary Officer, Kenya Meat Commission, Ministry of Livestock Development.
- 5) 1979 Untrained secondary school teacher, Gamma and Olenguruone Secondary Schools.

Countries visited:

I have visited the following countries for professional purposes shown and through which I have made valuable contacts

Year	Country	Reason
2005	Sieta, Kampala, Uganda	Workshop to develop East and central Africa proposals on Crop-livestock systems, Feed packages and strategies and establishment of a regional feed database
2004	Zanzibar, Tanzania	Workshop to deliberate on trade in professional services in the East African region and to set up a Regional professional societies association
2002	Arusha, Tanzania	1. To attend and present a paper at the East African universities Departments of Animal Sciences/ Production meeting 2. To attend the joint TSAP/TVA scientific conference
2001	Kampala, Uganda	To present papers at the East African universities Departments of Animal Sciences/Production meeting
1997	Rabat, Morocco	To attend the FAO/IAEA training on " Formulation of Feed Supplementation Packages "
1997	Paris, France	Passing through.
1995	Guelph, Ontario, Canada	To attend the four months training in " Veterinary Epidemiology and Economics and Pig Farm Visits "
1995	London, United Kingdom	Passing through
1992	Harare, Zimbabwe	To attend The East and Southern Africa regional Conference on Animal Science
1990,1992	Addis Ababa, Ethiopia	1. To attend training Three weeks training in " Biometrics and Data Management " at ILCA Headquarters 2. One month training in "Computer Hardware Problems diagnosis and Treatments" at ILCA Headquarters.
1988	London, UK	Passing through
1988-1989	Edmonton, Alberta, Canada	Nine months Training in " Swine Reproduction Techniques and Animal Research Data Analysis "

National Responsibilities

- 1) **2006- Member**, National Livestock Feeds Advisory Board, Ministry of Livestock and Fisheries Development
- 2) **2006- Convenor, Institutions and Policy committee** to main stream Animal Welfare into the national policy, Ministry of Livestock and Fisheries Development
- 3) **2005-Member, National Task force on Avian Flu, IEC committee**, Ministry of Livestock and Fisheries Development and Ministry of Health.
- 4) **2005- Member**, National Technical Work Group on National Livestock Policy formulation, Ministry of Livestock and Fisheries Development
- 5) **1995- Member, Animal feeds Technical Committee, Kenya Bureau of Standards**

University Activities

Current Non-teaching Responsibilities

I participate actively in departmental affairs and meetings as evidenced by the long list of activities I was involved in, now and in the past shown below.

- 1) **Coordinator, Wildlife courses taught by the Department:** identify resource persons, prepare teaching schedules, organise tests and examinations for 10 courses taught to wildlife students in my Department
 - 2) **Coordinator:** JAP334 Production of non Ruminants and JAP 527 Livestock production systems and Disease
 - 3) **Laboratory committee member:** This responsibility involves organizing the laboratories for teaching, research and income generation.
 - 4) **Representative**, Agricultural Industry standards Committee (AISC), of the Kenya Bureau of Standards since 1992.
 - 5) **Representative**, Animal Feeds Technical Committee of the Kenya Bureau of Standards, since 1992. This committee and the one preceding it makes and reviews standards of agricultural industry for the KEBS.
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Participation in Faculty and College Activities

I Attend and actively participate in faculty board meetings and committees as evidenced by the following

- 1) **Faculty Representative, National Task Force on Avian Flu: IEC Sub-committee, 2005-to date.** Committee charged with development of a communication strategy and preparation for community mobilization when the disaster strikes.
- 2) **Member, Team that prepared the college's strategic plan, June 2005.** The college committed itself to finding means of financing foundational research to enable departments establish research direction.
- 3) **Member, Team that prepared the Faculty of veterinary medicine's strategic plan, November 2003.** This Plan served as the basis for the FVM's strategic plan 2005. My main concern was to strategise research such that the faculty and departments had research thrusts which could be used to guide future research.
- 4) **Chairman, Faculty of Veterinary Medicine's "Module II Policy and Guidelines committee"** that produced the **Wahome Report** on the smooth running of module II programmes in the faculty. (2002 to date).
- 5) **Member, Faculty of Veterinary Medicine's committee on development of the "promotion criteria."** This criteria served as a basis for the college's criteria.
- 6) **Member, Faculty of veterinary medicine Visitation Committee that evaluated state of teaching and research facilities,** prepared and presented a report to the Vice-Chancellor.
- 7) **Member, Curriculum Committee (2000) that developed the Bachelor of Wildlife Management and Conservation;** Wildlife and Wetlands Management; Wildlife and Fisheries Management as well as the review committee, 2004. This curriculum is awaiting senate approval and should be in use next academic year
- 8) **Member, Curriculum Committee that developed the Bachelor of Wildlife Management and Conservation;** Wildlife and Wetlands Management; Wildlife and Fisheries Management and Wildlife and Tourism Management Curricula. This curriculum is in use now by Module II students.
- 9) **Member, Curriculum committee that developed the Bachelor of Laboratory Technology curriculum.** This curriculum is in use now by Module II students.
- 10) **Member, Curriculum committee that produced the current BVM curriculum review.** The curriculum in use by BVM students is vastly different than one used previously. For that reason the academic transcript is much richer and students aspiring to join other

universities have fewer problem. It was largely by my insistence that this was achieved.

- 11) **Member, Veterinary Medicine and Agriculture Faculties' time-tabling committee (1990 - 1998).** Participated in setting up of time tables in both faculties.
 - 12) **Member, Faculty of veterinary Medicine Committee for the organization of Clinical Practice** for Veterinarians in the pre-clinical departments.
 - 13) **I organized purchase of books** for the FVM through a donation from CTA as well as commonwealth veterinary association. More than 200 volumes of rare books were placed in University Library and departmental reading rooms.
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Past Responsibilities in the Department of Animal Production

- 1) **Chairman, (2002, 2003)** the committee that gave birth to the four new Master of Science degrees in the Department (Animal Nutrition, Poultry Science, Animal Genetics and Breeding and Livestock Production Systems)
 - 2) **Member, later Chairman, Computer subcommittee, later Computer Manager,** charged with organization of use of computing facilities in the Department of Animal Production. Our department pioneered acquisition of desktop computers and was the centre of computing in the whole of Kabete Campus. This is no longer necessary as other departments have made great advances in bridging the digital divide.
 - 3) **Reading Room coordinator,** Department of Animal Production, was responsible for the setting up and organizing a departmental reading room. I identified books and other reference material sources, catalogued them and placed them in the reading room. I also set up a system for lending reference material to staff and students. In that age which predates the internet I organized regular current contents-on-disk delivery to the Department.
 - 4) **Timetables Coordinator,** Department of Animal Production, responsible for setting up of teaching schedules (1990 – 1998). My responsibility extended from participating in setting up of faculty of veterinary medicine and agriculture time-tables to setting teaching schedules for the departmental staff. The latter role has been taken over by course coordinators.
 - 5) **Seminars Coordinator,** Department of Animal Production, responsible for organizing and scheduling seminars, 1996 – 2002. I was charged with identifying presenters and seminar topics. My time as seminars coordinator was particularly successful
 - 6) **Graduate students' admission committee (1998-2004):** The committee considered applications and made admission recommendations to the department.
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Current Teaching responsibilities.

Programme	Year	Course
Bachelor of Veterinary Medicine	2	Farm practice
	3	Production of Non-ruminants
	5	Livestock Production Systems and Disease
BSc (Agriculture, RM, FST, Agribusiness)	2	Principles of Animal production
	4	Ration Formulation
BSc (Wildlife and Related Options)	1	Principles of Ecology
	2	1. Natural Histories of Selected wildlife species 2. Wildlife Management Techniques-1 3. Wildlife Nutrition and Health
	3	1. Wildlife Population ecology 2. Wildlife Production
Bachelor of Laboratory Technology		Animal Nutrition Laboratory Techniques**
MSc (Animal Nutrition)	1	1. Animal Feed Resources and Processing 2. Non-Ruminant Nutrition
MSc (LPS)	1	1. JAP 616 Livestock population dynamics and modeling 2. JAP 620 Pig and poultry production systems
MVEE	1	1. Livestock Production Systems 2. Herd health Planning and Management

Past Teaching Responsibilities.

1. Research Methodology and Analytical Techniques - MSc course
2. Pig Management and Nutrition. MSc in Animal Science.
3. Livestock Engineering and Bioclimatology. MSc in Animal Science.
4. Animal Production for FST and Agricultural Engineering students.
5. Principles of Animal Production - All Agriculture and Veterinary students.
6. Animal Nutrition and Feeding, and LPS for other CAVS students.
7. Animal behaviour, housing, structures and environmental management to final year Agriculture and RM students.
8. Research Methodology and Analytical Techniques - Graduate students.

Graduate Student Supervision (Department of Animal Production).

- 1) Syomiti, Margaret, Improvement of keeping and nutrient quality of Maize Stover (Initiation stages).
- 2) Nyaga Maragara. Use of Indigenous fodder shrub and trees for dry season feeding Laboratory analysis stage.
- 3) Mudavadi G.I., MSc thesis on "Analysis of small holder dairy production systems in Western Kenya." Final writing –up phase. (on-going)

- 4) Mwendia, S.W., 2006 MSc Thesis “Impact of Napier smut on small holder dairying, identification of smut resistant varieties and of most appropriate delivery pathways”. (submitted)
- 5) Kuria J.K., PhD, 2006.. Thesis on “Mineral Supplementation in Pastoral Camels.”
Graduated in 2005
- 6) Woyengo, T.A MSc, 2002. Thesis on “Utilization of maize stover as a ruminant feed.”
Graduated in 2002
- 7) Wambugu, M.N., MSc 2001, Thesis on “Extension and it's effect on dairy cattle nutrition and productivity in smallholder dairy enterprises in Kiambu district.”
Graduated in 2001.
- 8) Biwott, K.J., MSc, 2000. Thesis on “The effects of allocating dairy concentrate supplementation during different phases of lactation curve.” (Graduated in 2000)
- 9) Muli, A.N., MSc, 2000. Thesis on “Effects of watering systems and regimes on DM intake and milk production in Kiambu district, Kenya.” (Graduated in 2000)
- 10) Kabare, N.,M.Sc, 1993.. Thesis on “Genetic and non-genetic factors influencing reproductive traits in the Landrace, Large white, and the Hampshire pig breeds
(graduated in 1993)

Undergraduate Student Project report supervision

- 1) R.N. Wamagutu, 1996. History of feeds in Kenya.
- 2) Mwambi Osumbo.1997. An analysis of nutrient variability in energy feedstuffs
- 3) J.M. Muthamia. 2000. Analysis of nutrient variability of Protein feedstuffs.
- 4) K.P. Muiruri. 2001 Use of Farm records in assessment of productivity of the pig unit, Veterinary Faculty Farm, University of Nairobi.
- 5) Origa ruth Akinyi, 2004. Use of grains as feeds for Layer Chickens
- 6) Olesarioyo J. Seneiya, 2004. Comparative assessment of indigenous goats and sheep in Kenya
- 7) Ogutu Otieno J Henry, 2003 Beef production Systems in Kenya
- 8) Nafual Viona Violet, 2004. Dairy cattle management in Kenya: A report on farm practice experiences
- 9) Ouma Alan Jacob, 2003. Demerits of Livestock production in Urban centres/Areas.
- 10) Kitsao, B.M., 2001. Broiler production assessment at the Department of Animal Production Poultry Unit
- 11) Wangila S. Rinah, 2004. A review of feeding programmes for layer chickens
- 12) Mukono, Georhe Mundia, 2001. Cost Minimization alternatives in Pigs

Professional Development

Professional Associations Membership

1. The Kenya Veterinary Association (KVA)
 2. Animal Production Society of Kenya (APSK)
 3. Association of Professional Societies of East Africa (APSEA)
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Past responsibility to the Professions

1. **Senior Vice -Chairman, Kenya Veterinary Association. 2005-** The Chairman is the chief of the association and was responsible for the good order of its 480 members and its assets as well as budget (over Sh10 million).
 2. **Council Member, Association of Professional Societies of East Africa (APSEA). (2003- to date).** The APSEA council meets to direct the affairs of the association which include participation in public affairs, professional affairs and trade of services nationally and internationally. It encourages formation and operations of professional societies and participation of professionals in leadership. It also owns and operates the Professional Centre, Nairobi.
 3. **Animal Science Editor, Kenya Veterinarian.** Vets papers presented for publication, selects peer reviews and performs editorial work leading to the production of the Kenya Veterinarian Journal.
 4. **Member, Legal and Policy Subcommittee, KVA.** Helped in assessing proposed policies and their effects to the animal industry and to the veterinary profession at large. Currently sitting in the Ministry of Livestock and fisheries Development task-force reviewing the veterinary laws
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5. **Chairman, Kenya Veterinary Association (2003-2005).** The Chairman is the chief of the association and was responsible for the good order of its 480 members and its assets as well as budget (over Sh10 million).
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6. **Chairman, Professional Bodies' Delegate Nomination Panel, Kenya National Constitutional Conference. (2002-2004).** The panel was charged with responsibility of selecting fifteen people to sit in the national Constitutional Conference.
 7. **Executive Committee Member, Kenya Veterinary Association, 2000-2003.** Executive committee members help to run the affairs of the Association and its eight regional and national branches. The Association's budget is over Sh.10million.
 8. **Steering Committee Member, Kenya Veterinary Association Privatisation Scheme (KVAPS), 2000-2003.** The committee is the management board for the loan guarantee

scheme for veterinarians in Private practice. During my tenure we developed a strategic plan to broaden the schemes loan portfolio and for the scheme's conversion to a microfinance institution.

9. **Editorial Committee Member, the Kenya Veterinarian Journal. 2001 TO DATE**
Performed pre-reviews, selected peer reviewers, and did general editorial work to produce the journal.
 10. **Member, Legal and Policy Subcommittee, KVA. 2002 TO DATE** Helped in assessing proposed policies and their effects to the animal industry and to the veterinary profession at large.
 11. **Executive Committee Member, Animal Production Society of Kenya, 2000-2001.**
helped in organizing APSK field days and Scientific meetings
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Academic and Research Development

Publications

Refereed Publications since last promotion

- 1) P M Ongadi, **R G Wahome**, J W Wakhungu, L O Okitoi and K Otieno, 2006. Bio-economic analysis of expenditure on inputs and output value from crops and grade dairy cattle sub systems in Vihiga, Kenya. *Livestock Research for Rural Development Journal* **18**(12):
- 2) **Wahome R.G.** and Kuria, J.K.N., 2006. Re-evaluation of the use of over the counter (OTC) feed supplements and additives. *Zambian Veterinary Journal* (Special Edition).
- 3) Woyengo T.A., C.K. Gachuri, **R.G. Wahome** and P.N. Mbugua, 2004. Economic evaluation of increasing the energy value of Zea mays stover by urea treatment. KARI conference Proc., 2004
- 4) Kuria, S.G., Wanyoike, M.M., Gachuri, C.K. and **Wahome R.G.**, 2005. Mineral profiles in plasma of free ranging Rendille camels in Marsabit , Kenya. (Accepted for publication by *Indian Journal of Animal Sciences*)
- 5) Kuria, S.G., **Wahome R.G.**, Gachuri, C.K. and Wanyoike, M.M. 2004. Effect of mineral supplementation on the plasma mineral profiles in camels in Marsabit District, Kenya. *Int. J Agric and Biol.*, **8**: 168 -171.
- 6) Kuria, S.G., Gachuri, C.K., Wanyoike, M.M. and **Wahome R.G.**, 2005. Nutritive value of important range species for camels in Marsabit District, Kenya. *Tropical and Subtropical Agroecosystems*, **5**:14-24
- 7) Kuria, S.G., Gachuri, C.K., Wanyoike, M.M. and **Wahome R.G.**, 2004. Effect of mineral supplementation on milk yield and calf growth of camels Marsabit District, Kenya. *Journal of camel Practice and research* **11**:87-96.
- 8) Kuria S G, **R.G. Wahome**, Gachuri C. K. and Wanyoike M M, 2004. Evaluation of forages as mineral sources for camels in western Marsabit, Kenya. *South African Journal of Animal Science*, **34**:180-188.

- 9) Kuria S G, Wanyoike M M, Gachuiiri C K and **Wahome R G** 2004. Indigenous camel mineral supplementation knowledge and practices on manyatta based camel herds by the Rendille pastoralists of Marsabit district, Kenya. *Livestock Research for Rural Development*. Vol. 16, Art. # 51. Retrieved July 30, 2004, from <http://www.cipav.org.co/lrrd/lrrd16/7/kuri16051.htm>
- 10) Woyengo T.A., Gachuiiri, C.K. **Wahome R.G.** and Mbugua P.N. 2004. Effect of protein supplementation and urea treatment on utilization of maize stover by Red Maasai sheep. *South African Journal of Animal Science*, **34**:23
- 11) Kaitho, R.J., Biwott, J., Tanner, J.C., Gachuiiri, C.K., **Wahome, R.G.**, 2001. Effect of Allocation of fixed amounts of concentrates on milk yields and fertility of dairy cows. <http://www.fao.org/DOCREP/ARTICLE/AGRIPPA/X9500E09.HTM>
- 12) **Wahome R.G.**, Mbugua P.N. and Mitaru, B.N., 2001. Variation in plasma luteinising hormone levels, return to oestrus and ovulation rates in sows on different planes of sorghum based rations. *Muarik Bulletin* **4**:49-54.
- 13) Gachuiiri, C.K. and **Wahome, R.G.**, 2001. Total mixed rations vs traditional feeding in dairy. Which way to go? *The Kenya Veterinarian* **21**:12-15.
- 14) Kuria J.K.N., **Wahome R.G.** and Gitau P.K., 2001. An account of a recent outbreak of marek's disease in Kenya. *The Kenya Veterinarian* **21**:34-36.
- 15) Kuria, J.K.N., Mbutia, P.G., Kang'ethe, E.K. and **Wahome, R.G.**, 2001. Caseous lymphadenitis in goats: the pathogenesis, incubation period and serological response after experimental infection. *Veterinary Research communications* **25**: 89-97.
- 16) **Wahome, R.G.** and Mbugua, P.N., 1998. Evaluation of the feeding value of dried brewer's yeast in broiler chicken diets. *The Kenya veterinarian* **23**:155-158.
- 17) Gachuiiri, C.K., **R.G. Wahome**, P.N. Mbugua, M.M. Wanyoike, J.M.Z. Kamau and S.J.M. Munyua. 1998. Performance of dairy animals under two zero grazing systems in Kiambu and Nyandarua districts. *The Kenya Veterinarian* **23**:180-182
- 18) Muli, A.N., C.K. Gachuiiri, **R.G. Wahome** and J. Tanner. 1998. Effects of water sources and watering frequency for dairy cattle on water offered and milk production in Kiambu district. *The Kenya Veterinarian* **23**: 208-211.
- 19) Wambugu, M., **R.G. Wahome**, C.K. Gachuiiri and J. Tanner. 1998. Evaluation of the use of milk urea nitrogen (MUM) as an indicator of nutritional

status of dairy cattle in small holder farms in Kiambu district. *The Kenya Veterinarian* 23:152-154.

- 20) Wambugu, M., **R.G. Wahome**, C.K. Gachuiiri and J. Tanner. 1998. Delivery of technical information to smallholder dairy farms in Kiambu district. *The Kenya Veterinarian* 23:160-162
- 21) Biwott, K.J, C.K. Gachuiiri, **R.G. Wahome** and J. Tanner. 1998. Effects of different levels of concentrate supplementation on milk production and body weights of lactating dairy cows. *The Kenya Veterinarian* 23:212-214.
- 22) Noor, I.M., Wanyoike, M.M., Wakhungu, J.W. and **Wahome, R.G.**, 1998. Assessment of pastoral camel production system in Moyale district. *The Kenya veterinarian* 23:155-158.
- 23) Noor, I.M., Wanyoike, M.M., Wakhungu, J.W. and **Wahome, R.G.**, 1998. The state of health in Somali and Borana camel herds in Moyale District, Kenya. *The Kenya veterinarian* 23:155-158.
- 24) Kuria, J.K.N., **Wahome, R.G.** and Kang'ethe, E.K., 1998. Caseous lymphadenitis in goats: the dose of infection and the serological response. *Indian Journal of Animal Sciences* 68:601-604.
- 25) Kuria, J.K.N., **Wahome, R.G.**, Kang'ethe, E.K. and Nyaga, P.N., 1997. Clinical, serological and pathological response in goats infected with *Corynebacterium pseudotuberculosis* through cutaneous and subcutaneous routes. *Bul. Anim. Hlth. & prod. Afr.* 45:73-78.
- 26) **Wahome R.G.** and Carles A.B. and Schwartz H.J., 1994. An analysis of the variation of lactation curve of Small East African goats. *Small Ruminant Research*.15: 1-7.
- 27) **Wahome, R.G.**, Munyua S.J.M. and Mitaru, B.N. 1992. Strategies for improving small-scale pig production in Kenya. *J. Zimb. Soc. Anim. Sci* 4:87-91
- 28) Munyua, S.J.M., **Wahome, R.G.**, Mitaru, B.M., Agumbah, G.J.O., and Kiptoon, J.C. 1992. Reproductive performance and wastage in small scale piggeries in Kenya. *J. Zimb. Soc. Anim. Sci* 4:93-96.5
- 29) **Wahome, R.G.**, Baidoo, S., Aherne, F.X., Pharazyn, A. and Beltranena E. 1989. Use of Plasma concentration of luteinizing and Follicle stimulating hormone (LH & FSH) in predicting sows' return to heat after weaning. *Afr. Bull. Anim. Hlth. & Prod. (1989 sppl)*.

- 30) Gachuiiri, C.K., **Wahome, R.G.** and Carles, A.B. 1988. Reproduction levels of the Small East African goat under range conditions. *The Kenya Veterinarian 12*: 35-36.

Books or Chapters in a book

- 31) Wanyoike, M.M. and **Wahome, R.G.**, 2004. Cattle Production systems in Kenya: Research and development. In: Cattle Production in Kenya-Strategies for planning and implementation, K.A.R.I., Nairobi. ISBN: 9966-879-57-9, pp85-133.
- 32) Njenga Munene and **Wahome R.G.**, 2002. Napier grass production and Silage Making. *Radio listening Groups, 2002*
- 33) **Wahome R.G.**, 1999. Pig production. *Radio listening Groups, 2002*

Theses

- 34) **Wahome, R.G.** 1987. Milk production potential of free ranging Small East African goats. *M.Sc. thesis, University of Nairobi.*
- 35) **Wahome, R.G.** 1998. Sow responses to varying feeding planes of sorghum based feeds. *PhD thesis, University of Nairobi.*

Other Publications: conference proceedings, reports, seminars and workshops

- 36) **Wahome, R.G.**, 2006 Businesses in livestock production: What areas do we target? Paper presented at the ABD-DASS Workshop on Development of Livestock oriented Business, held at Tsavo National Park Lodge, Voi, on **8th August 2006**
- 37) **Wahome, R.G.**, 2006. Beef cattle, meat Sheep and Goat, and hide and skin production and marketing in the ASAL. Paper presented at the ASPS Workshop on Livestock production, held at **Agricultural information centre Nairobi On Tuesday 20th June 2006**
- 38) **Wahome, R.G.**, 2006. Pig Production Trends in Kenya. Paper presented at the “Understanding and reducing the burden of Cysticercosis in Kenya” organised by CWGESA and held at ILRI, Nairobi, Kenya, 11th – 12th January, 2006

- 39) Njenga M.J., Thaiya A., Gathura, P., Kuria J. and **R.G. Wahome**, 2006. Report of the faculty of veterinary medicine on anthrax outbreak in Maragua district, Kenya. FVM Reports, CAVS, UON, January 2006.
- 40) **Wahome, R.G.**, 2006. Participation in, and processing of a national livestock policy. Paper presented at the Central Branch of the KVA annual scientific conference held at the Sportsman's Arms Hotel, Nanyuki, Kenya, February 15-17, 2006.
- 41) **Wahome, R.G.**, 2006. A presentation of the draft national livestock policy. Paper presented at the Central Branch of the KVA annual scientific conference held at the Sportsman's Arms Hotel, Nanyuki, Kenya, February 15-17, 2006.
- 42) Wanyoike, MM, **Wahome, R.G.** 2006. Issues Constraining Production, Processing and Marketing of Livestock Products in the ASAL. Paper presented at the Central Branch of the KVA annual scientific conference held at the Sportsmans Arms Hotel, Nanyuki, Kenya, February 15-17, 2006.
- 43) Wanyoike, MM, **Wahome, R.G.** and Mbogoh, S.G. 2005. Issues Constraining Production, Processing and Marketing of Dairy and Other Livestock Products. Paper presented at the National Conference for revitalizing Agricultural Sector for Economic Growth, Safari Park Hotel, Nairobi Kenya between 21st and 24th February 2005.
- 44) **Wahome, R.G.** 2003. An evaluation of the faculty's potential to mount, handle and complete parallel academic programs: A discussion paper. A paper presented at the University of Nairobi, Faculty of Veterinary Medicine held at The Aberdares Country Club, between 10th and 14th September, 2003.
- 45) **Wahome, R.G.** 2003. Quality of feed raw materials (feedstuffs). A paper presented at Kenya Bureau of Standards Seminar on Feed manufacturing held at The Silver Springs Hotel, Nairobi on 14th August, 2003.
- 46) **Wahome, R.G.** 2003. Insights on production of quality pet feeds (dogs and cats). A paper presented at Kenya Bureau of Standards Seminar on Feed manufacturing held at The Silver Springs Hotel, Nairobi on 14th August, 2003.
- 47) Gachuiiri, C.K. and **Wahome R.G.**, 1997. Use of feed additives in Kenyan feeds. Technical report, Hoechst Roussel Vet.
- 48) Mbugua, P.N., Gachuiiri, C.K., **Wahome R.G.**, Abate, A.A., Wanyoike, M.M., Munyua, S.J.M. and Kamau, J.M.Z. 1995. Development of feed supplementation strategies for improving productivity of dairy cattle in Kenya. Paper presented at the IAEA meeting, Rabat, Morocco.

- 49 **Wahome, R.G.**, 1993. Vitamin requirements in pig production. Paper presented at the first Kenya Feed Manufacturers association meeting at Silver Springs Hotel, Nairobi, in June 1993.
- 50) Mbugua P.N. and **Wahome R.G.**, 1992. Nuclear technique in animal nutrition. Paper presented at the NCST meeting, 1992.
- 51) **Wahome, R.G.**, 1994. Baseline production and health livestock data in Transmara Sub-district. Technical Report, GTZ-TDP.
- 52) Mbugua, P.N. and **Wahome R.G.**, 1994. Formulae for Poultry, pigs and dairy cattle feeds. Technical report. Kenya Breweries, Nairobi.
- 53) **Wahome R.G.**, Mitaru, B.N., and Mbugua, P.N. 1992. Replacing maize with sorghum in diets for Breeding pigs. Paper presented at the first All Africa Conference in Animal Agriculture held at Nairobi, November, 1992.
- 54) Mbugua P.N. and **Wahome R.G.**, 1991. Evaluation of poultry feeds. Technical Report, Kenya breweries, Nairobi.
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- 58) Mbugua, P.N., Oduho, P.R, Gichohi, J.G., Munyua, S.J.M., Mitaru, B.N. and **Wahome, R.G.** 1988. Poultry production consumption in relation to oilseed cakes production and utilization in Kenya. A report submitted as a contribution to the Kenya Government-IDRC sponsored vegetable oil-protein system project.
- 59) Munyua, S.J.M., Mitaru, B.N. and **Wahome, R.G.** 1988. Pig production and pig meat consumption in relation to oilseed cakes production and utilization in Kenya. A report submitted as a contribution to the Kenya Government-IDRC sponsored vegetable oil-protein system project.

- 60) Munene, J.N., Kariuki, D.I., Munyua, S.J.M., Gachui, C.K. and **Wahome, R.G.** 1987. Incidence and cost of Mastitis in Kenya: Projections from Kabete area. Paper presented at the A.P.S.K. Symposium, Nairobi, Kenya.
- 61) **Wahome, R.G.** 1987. The wean to conception interval in sows. *Vetstar*, Oct/Nov. 1987.
- 62) Carles, A.B., **Wahome, R.G.** and Schwartz, H.J. 1987. Milk yields and the lactation curve in a herd of Small East African goats on a semi-arid thornbush savannah. Proceedings of the Fourth International Conference on Goats, Brasilia, Brazil, 8-13 March 1987. International goat association.
- 63) **Wahome, R.G.**, Carles, A.B. and Schwartz, H.J. 1987. Milk yields and the lactation curve in a herd of Small East African goats on a semi-arid thornbush savannah. Proceedings of the 5th SR-CRSP workshop, Nairobi, Kenya.
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Other Non scientific Publications

- 64) **Wahome, R.G.** 2003. “*NYÏMBO CIA ÛGUÛRIO*”. A compilation of inspired spiritual songs in Kikuyu language.
- 65) **Wahome, R.G.** 2001. “*He ng'ondu ciakwa irio*”. A translation of George Warnock's Feed My Sheep into Kikuyu Language.
- 66) **Wahome, R.G.** 1999. “*MÛTHOBI: ûrîa ûringûraga rûthingo-inî*”. A translation of George Warnock's “The Hyssop that springs from the wall.”

Some of the Scientific conferences, workshops and seminars attended since last Promotion

8 th -9 th August 2006	Agricultural Business Development (ABD-DASS) Workshop on Development of Livestock oriented Business, held at Tsavo National Park Lodge, Voi.
Tuesday 20th June 2006	ASPS WORKSHOP ON LIVESTOCK PRODUCTION <i>At Agricultural information centre Nairobi</i>
26-29 April, 2006	The Annual Scientific Conferenmce of the KVA held at Sai Rock Hotel, Mombasa
15-17 February, 2006	the Central Branch of the KVA annual scientific conference held at the Sportsman’s Arms Hotel, Nanyuki, Kenya,
11 th – 12 th January, 2006	“Understanding and reducing the burden of Cysticercosis in Kenya” organised by CWGESA and held at ILRI, Nairobi, Kenya
June 19 th – 21 st 2005	CAVS strategic Plan Workshop, Garden Hotel, Machakos, Kenya
June 7 th 2005	Professional organizations workshop to review constitutional making progress, The Stanley, Nairobi, Kenya
April 27 th – 29 th 2005	The Kenya veterinary Association Annual General Meeting and Scientific Conference, Leaky memorial Hall, National Museums of Kenya, Nairobi, Kenya.
April 5 th -7 th 2005	ASARECA – AARNET Feed resources development and utilization project formulation workshop, Rider Hotel, Sieta, Kampala, Uganda.
March 23 rd 2005	SDP end of project Conference and open day, MOLFD, KARI HQ, Nairobi ,Kenya
February 28 th 2005	Livestock stakeholders workshop
February 20 th - 24 th 2005.	National Conference for Revitalizing Agricultural Sector for Economic Growth, Safari Park Hotel, Nairobi Kenya
February 22 nd 2005	KENDAT Heshimu Punda Workshop, Kimende, Kenya
July 22 nd – 23 rd 2004	3 rd regional workshop promoting trade in services in East Africa, Zanzibar Beach Resort, Zanzibar, Tanzania
May 11 th 2004	Kenya Dairy Policy Forum, Grand Regency, Nairobi, Kenya
April 28-30 2004	The Kenya veterinary Association Annual General Meeting and Scientific Conference, Sunset Hotel, Kisumu, Kenya.
November 2003, April 2004	KVAPS Strategic Plan Workshop, Sportsman’s arms, Nanyuki, Kenya and Machakos, Garden Hotel, Machakos, Kenya.

	KVA
December 3 rd -5 th 2002	TSAP/TVA scientific Conference, Arusha, Tanzania
December 2 nd 2002	SUA-MU ENRECA Project Workshop for the Departments of animal science in EA Universities, Golden Rose Hotel, Arusha, Tanzania
November 22 nd – 23 rd 2001	NUFU Project Workshop for the Departments of animal science in EA Universities (Advances in Animal Agriculture), Makerere University campus, Kampala, Uganda,
June 3 rd -7 th 2003	TOT workshop on Content Development, Machakos Garden Hotel, Machakos, Kenya
August 5 th – 7 th 1998	Biennial conference of the Faculty of Veterinary Medicine

Current research.

- 1) Small holder dairy farms feed packages and strategies: Study funded by ASARECA-ARNET
- 2) The Development of a *Corynebacterium pseudotuberculosis* cells vaccine. Funding from the Deans Committee.
- 3) Impact of Napier smut on small holder dairying, identification of smut resistant varieties and of most appropriate delivery pathways”.
- 4) Analysis of small holder dairy production systems in Western Kenya The study is in the first phase.
 - 6) Evaluation of *Tithonia diversiflora*) and Muthatha (*Sapium elipticum*) as source of fodder for ruminant animals
 - 7) Evaluation of EM in improving stover feeding quality
 - 8)

<u>Academic Referees.</u>		
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