

CURRICULUM VITAE

Benson Alfred Otemba Inyangala

Professional Qualifications:

1. M.A. Leadership Studies, International Leadership University, 2012
2. Master of Science in Animal Production, University of Nairobi, 1990
3. Bachelor of Science in Agriculture (Hons), University of Nairobi, 1985

Work Experience:

1. Lecturer, University of Nairobi, Department of Animal Production, 1989 to date.
Responsible for:
(i) Teaching: Population and Quantitative Genetics, Animal Genetics, Breeding and Conservation, Animal Genetic Resources, to students pursuing B.Sc. Agriculture, B.Sc. Range Management and Bachelor of Veterinary Medicine; and (ii) Teaching: Conservation Genetics and Communication skills to students pursuing M.Sc. in Animal Production.
2. Agricultural Officer, Ministry of Agriculture and Livestock Development, Kiambu County, 1985-86.
Responsible for:
(i) Conducting agricultural extension to farmers through training of farmers at the Farmers Training Centre and conducting farmers' Field days.
(ii) Coordinating the successful Dairy Development Project (a joint venture between the government of Kenya and the Royal Netherlands government).
(iii) Coordinating the Farmers Dairy Cooperative Societies
(iv) Training front-line extension staff (Diploma and certificate holders).

Professional Seminars and Workshops:

Courses Attended

1. Attended the ILRI-SLU training course for University teachers and researchers from East and Southern Africa 3rd to 21st November 2008 ILRI Addis Ababa.
2. Attended the **International course on Dairy cattle production**, held in Shefayim, Israel August 9th – September 6th, 1999.
3. A conference on **Improving Small Ruminant Production in Africa** organized by the International Livestock Centre for Africa, Addis Ababa, Ethiopia, November 2-20, 1992.
4. Intercountry Workshop for Food, Nutrition and Agriculture held at Agriculture Resources Centre, Egerton University April 3-14, 1989. The main emphasis was "Guidelines for Agricultural **Training Curricula** in Africa". Topics covered included: Curricula in intermediate agricultural Education, Nutritional aspects to be introduced into agricultural curricula, Impact of food availability on nutrition, Food supply systems, Increasing food

- availability, among others.
5. Course in **Practical Use of DNA Techniques in Microbiology** held in the PHPT Department, Faculty of Veterinary Medicine, University of Nairobi, November 8-18, 1988. Topics covered included Recombinant DNA techniques including enzymes used in Recombinant DNA technology, among others.
 6. **Extension Techniques Workshop** held at Limuru Conference and Training Centre, November 18-22, 1985. The main theme was "Participatory Extension Approach" and topics covered included: How Adults Learn and Leadership and Participation in Community Development, among others.
 7. **District Focus for Rural Development** 2 Weeks Induction Course at the Kenya Institute of Administration, Lower Kabete, August 4-16, 1985. Topics covered included National Goals and Objectives, Structure and Function of Government, Personnel Management, Public Finance and Project Management, among others.

International Scientific Conferences and Workshops Attended

1. The second Seminar on The Danida Funded Ruminant Gastro-intestinal Helminth Research Project at the College of Agriculture and Veterinary Sciences, Faculty of Veterinary Medicine, Kabete, Kenya. Theme: Strategies in Combating Helminth Diseases, January 18-22, 1993.
2. The 1st All Africa Conference on Animal Agriculture organized by the Animal Production Society of Kenya and the Ministry of Livestock Development at Kenyatta International Conference Centre, Nairobi, Kenya, November 23-27, 1992.
3. "Dairying in Africa" Conference organized by the Holstein Society of Zimbabwe, Harare, Zimbabwe, August 21-23, 1991.
4. Regional Conference of Eastern and Southern African Production Societies organised by the Zimbabwe Society for Animal Production, Harare, Zimbabwe, August 19-20, 1991.
5. First Biannual Conference and General Assembly of the African Small Ruminant Research Network, Nairobi, Kenya, December 10-14, 1990.
6. Regional Conference of Eastern and Southern African Production Societies organised by the Animal Production Society of Kenya, Nairobi, Kenya, November 23-25, 1988.

PUBLICATIONS

Theses

1. **Inyangala, B.O.** 2012. Leadership Development Practices in two selected evangelical Churches in Nairobi. M.A. Thesis, International Leadership University.
2. **Inyangala, B.A.O.** 1989. Genetic and Phenotypic Parameters for Growth Traits of Dorper and Dorper x Red Maasai Sheep. M.Sc. Thesis, University of Nairobi.

Papers in Refereed International Journals

3. J. Oluka¹, E. Ssewanyanna¹ and A. Nakiganda¹ Amimo JO², S. Thumbi³, B.O Inyangala², J.O Junga² and R.O Mosi²¹ *National Livestock Resources Research Institute (NaLIRRI), P. O. Box 96, Tororo, Uganda* ² *Department of Animal Production University of Nairobi International Livestock Research Institute (ILRI)*. Socio-economic characteristics and perceptions of cattle keepers and constraints to cattle production in Central Uganda and Western Kenya. Asareca Publication. 2011
4. J.O. Amimo, S. Thumbi, **B.O. Inyangala**, J.O. Junga and R.O. Mosi. Socio-economic characteristics and perceptions of cattle keepers and constraints to cattle production in Western Kenya. *Livestock Research for Rural Development*. 23 (6) 2011.
5. J.N. Mugambi, J.W. Wakhungu, **B.O. Inyangala**, W.B. Muhuyi, T. Muasya. 2007. Evaluation of the performance of the Kenya dual-purpose goat composites: additive and non-additive genetic effects. *Small Ruminant Research* Vol 72, Issue 2 p149-156.
6. Amimo J O, Mosi R O, Wakhungu J W, Muasya T K and **Inyangala B O** 2006 Phenotypic and genetic parameters of reproductive traits for Ayrshire cattle on large-scale farms in Kenya. *Livestock Research for Rural Development* (18) 10 2006 <http://www.cipav.org.co/lrrd/lrrd18/10/amim18147.htm>
7. Amimo J O, Wakhungu **J W**, **Inyangala B O** and Mosi R O 2006. The effects of non-genetic factors and estimation of genetic and phenotypic parameters and trends for milk yield in Ayrshire cattle in Kenya. *Livestock Research for Rural Development* 19 (01) 2007 <http://www.cipav.org.co/lrrd/lrrd19/1/amim19013.htm>
8. Githigia, S.M., M.A. Okomo, **B.A.O. Inyangala**, S.J.M. Munyua, and A.M. Okeyo. 1996. Prevalence and infection levels of Helminths in Goats at Machang'a Field station over a period of one year. *Bull. Anim. Hlth. Prod. Afr.* 44:111-113.
9. **Inyangala, B.A.O.**, S. Itulya and J.E.O. Rege. 1992. The Performance of Dorper and Dorper x Red Maasai Sheep. *Discovery and Innovations* 4:76-82.
10. **Inyangala, B.A.O.**, S. Itulya and J.E.O. Rege. 1991. Factors Affecting Growth of Dorper and Dorper x Red Maasai Sheep. *Bull. Anim. Hlth. Prod. Afr.* 39:383-390.
11. **Inyangala, B.A.O.**, J.E.O. Rege and S. Itulya. 1990. Genetic and Phenotypic Parameter Estimates of Growth Traits of the Dorper and Dorper x Red Maasai Sheep. *Bull. Anim. Hlth. Prod. Afr.* 38:437-446.

Publications in International Conference Proceedings

1. Githigia, S.M., M.A. Okomo, **B.O. Inyangala**, M. Okeyo, M.M. Wanyoike, S.J.M. Munyua, S.M. Thamsborg and N.C. Kyvsgaard. 1995. Economically Important Diseases of Goats in a Semi-arid area of Kenya. Proceedings of the 8th International Conference of Institutions of Tropical Veterinary Medicine, Berlin Germany 25-29th September. (Poster Presentation).
2. Githigia, S.M., M.A. Okomo, **B.O. Inyangala**, M. Okeyo and S.M. Thamsborg. 1995. Prevalence of parasitic diseases of goats on small scale farms in Embu District - Kenya. Proceedings of the 17th Symposium of the Scandinavian Society for Parasitology, Finland 15-17th June. (Bulletin of the Scandinavian Society for Parasitology).
3. Okeyo, A.M., **B.A.O. Inyangala**, N.E. Maingi, S.M. Githigia, S.J.M., Munyua, M.M.

- Wanyoike, C.K. Gachuri, R.N. Kinuthia, M.O. Okomo and K. Osolo. 1994. Genetic studies of Galla and Small East African goats and their correlated growth and reproduction performance under different nutritional levels and endoparasite challenges. Technical report presented at the 3rd Biennial SRNET Conference, 5-9th December, Kampala, Uganda.
4. **Inyangala, B.A.O.**, J.E.O. Rege and S.Itulya. 1990. Growth Traits of the Dorper Sheep. I. Factors influencing Growth Traits. In: Rey B, Lebbie S H B and Reynolds L (eds). 1992. Small Ruminant Research and Development in Africa. Proceedings of the First Biannual Conference of the African Small Ruminant Network, ILRAD, Nairobi, Kenya; 10-14 December 1990. ILCA (International Livestock Centre for Africa), pp. 505-515.
 5. **Inyangala, B.A.O.**, J.E.O. Rege and S.Itulya. 1990. Growth Traits of the Dorper Sheep. II. Genetic and Phenotypic Parameters. In: Rey B, Lebbie S H B and Reynolds L (eds). 1992. Small Ruminant Research and Development in Africa. Proceedings of the First Biannual Conference of the African Small Ruminant Network, ILRAD, Nairobi, Kenya; 10-14 December 1990. ILCA (International Livestock Centre for Africa), pp. 517-526.

Papers Presented at Regional and Local Scientific Conferences

1. Mosi, R.O. and **Inyangala, B.O.** 2003. A Review of Cattle Genetic Research and Development in Kenya. A report presented at a workshop on Cattle Production in Kenya: Future research and Strategies for Research Planning and implementation workshop at KARI headquarters on 15th -16th December, 2003.
2. Mosi, R.O., Wakhungu, J.W., **Inyangala, B.A.O.**, Okeyo, A.M. and Ahuya, C.O. 2002. Livestock Resources and Production in Kenya. Proceedings of Consultative Workshop on Cattle Breeding Policy in East Africa held on 15-16 April, 2002, Nairobi, Kenya.
3. **Inyangala, B.A.O.**, S.Itulya and J.E.O. Rege. 2001. Genetic Improvement of Red Maasai Sheep. Presented at the Joint Workshop for the departments of Animal Science in Makerere university (DAS-MU) and Agricultural University of Norway (AUN) on Research: A contribution to modernization of Animal Agriculture, Kampala, Uganda, 22nd-23rd, 2001.
4. **Inyangala, B.A.O.**, J.E.O. Rege and S. Itulya. 1992. Increasing productivity from Indigenous Sheep on Small-Scale farms in Kenya. In: Journal of Zimbabwe Society for Animal Production (Ed. D.H. Holness) 4:97-103.
5. **Inyangala, B.A.O.**, S. Itulya and J.E.O. Rege. 1990. A Comparative Study of the Dorper and Dorper x Red Maasai Sheep. In: Proceedings of the Eighth SR-CRSP Workshop, Nairobi, 23-24 April 1990. Small Ruminant Collaborative Research Support Programme, Nairobi, Kenya. pp. 195-206.
6. **Inyangala, B.A.O.**, S. Itulya and J.E.O. Rege. 1989. The Potential of the Dorper in Upgrading Red Maasai Sheep. In: van Klinken, M.K. and ole Seitah, J. (eds), The Future of Maasai Pastoralists in Kajiado District (Kenya). Proceedings of a conference held in Brackenhurst Baptist International Conference Centre Limuru, Kenya, 28-31 May, 1989. Arid and Semi-Arid Lands (ASAL) Development Programme of the Ministry of Planning and National Development. pp. 122.
7. **Inyangala, B.A.O.**, S. Itulya and J.E.O. Rege. 1988. An Examination of Some Factors Affecting the Dorper and Dorper x Red Maasai Sheep. Presented at the Animal Production

Society of Kenya Regional Conference on "Achievements and Prospects for Livestock Production in Sub-Saharan Africa" held in Hotel Panafric, Nairobi, 23rd-25th November 1988.

Other Publications

1. **Inyangala, B.A.O.** 1999. Current Trends in Livestock Breeding - Kenya Perspective with reference to the rest of the World. Central Artificial Insemination Station Magazine.

Workshop and Conference Organizing Experience

1. Served as secretary to the Technical sub-committee of the All Africa Conference on Animal Agriculture held in November 23-27, 1992, Nairobi, Kenya. A total of more than 350 delegates attended from 17 countries.
2. Involved in planning and implementation of several workshops and symposia for Animal Production Society of Kenya in my capacity as secretary and member of the Executive committee 1990-93.

Member of

- 1) Animal Production Society of Kenya
- 2) Agricultural Society of Kenya
- 3) National Consultative Committee on State of the World's Animal Genetic Resources

Computer Literacy

1. Conversant with Data Management packages such as Microsoft Excel and Word-processing packages including Microsoft Word.

Teaching Experience

1. Twenty three (23) years teaching experience at the University handling Degree and Diploma Curricula in the field of Agriculture.

Publishing and Editorial Experience

1. Extensive publishing experience including 2 Theses, 8 Papers in Refereed International Journals, 5 Papers in International Conference Proceedings and 7 Papers in Regional and Local Scientific Conferences.
2. Vast experience in editing scientific manuscripts.

Fluency in English

1. I have more than 30 years experience in communication both orally and in written in English.

Consulting Experience:

1. August-December, 2003

A Review of Cattle Genetic Research and Development in Kenya. Report Prepared by R.O. Mosi and B.O. Inyangala and submitted to the Kenya Agricultural Research Institute.

2. July-August, 2001

A comprehensive Review of the N'Dama cattle breed for the International Livestock Research Institute.

3. March 18-23, 1996

Conducted a course for Kakuma Refugee Camp Field Extension Workers.

Responsible for training basic Animal Husbandry with emphasis on Poultry and Pig Production.

Research Experience:

1. Sustainable beef productivity and utilization for improved livelihoods in Kenya.
2. Evaluation of Dairy Cattle breeding programmes in Kenya
3. Genetic resistance of Small East African and Galla goats to gastro-intestinal parasites
4. Genetic and Phenotypic Parameters of Growth Traits of Dorper and Dorper x Red Maasai sheep, Naivasha, Kenya

Interests:

1. Reading
2. Traveling
3. Photography

Languages:

1. English - Fluent
2. Kiswahili - Fluent
3. KiLuhya - Mother tongue

Personal Data:

1. Date of Birth: August 28th 1961
2. Nationality: Kenyan
3. Sex: Male
4. Marital Status: Married
5. Position: Lecturer
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