

Contact Information

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Skills

- QUALITY ASSURANCE
 - CURRICULUM DEVELOPMENT
 - ETHICS REVIEW EXPERT
 - RENEWABLE ENERGY CONSULTANT
 - BIOGAS RESEARCHER
 - ANIMAL SCIENTIST
 - PARTNERSHIP AND LINKAGES
-
- MULTIDISCIPLINARY RESEARCH

Languages

ENGLISH, KISWAHILI
AND GERMAN
GERMAN-MEDIUM LEVEL

Thomas Rewe (Dr. Sci. Agri)

Associate Professor of Agricultural Sciences, Chair, Ethics Review Board (Pwani University), Member, National Bioethics Committee (Nacosti, Kenya); Biosecurity officer, Over 8 years Experience in University Administration and over 18 Years Experience in University Teaching and Research, Principal Investigator: NRF Multidisciplinary Dairy-Coffee-Biogas Project; Trained Curriculum Review specialist.

Experience

PWANI UNIVERSITY AND NACOSTI

Kilifi, Kenya
June-2010
Currently

QUALITY ASSURANCE BOARD MEMBER AND THE NATIONAL BIOETHICS COMMITTEE MEMBER

Chair, Ethics Review Board; Member-Quality Assurance Board, Post-Graduate Board and The National Bioethics Committee

VALUELEAD PROJECT

EGERTON UNIVERSITY
October-2009
June-2010

Programme Liaison Officer

Project Management, Proposal Writing, Human Resource Management, Institutional Partnerships and Linkages

Swedish University of Agricultural Sciences

Uppsala, Sweden
September-2014
September-2015

Post-Doc Fellow

Research Partnership between Pwani and SLU, Drafting of an MoU between Pwani and SLU, Post-Graduate supervision and consultations

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS LIBERIA

October-2016
October-2016

FAO, International Consultant

Development of Dwarf Goat Community Breeding Programme, Establishment of Community Goat Breeders Association, Training Local scientists from the Central Agricultural Research Institute (CARI, Liberia), Submit FAO Report

Pwani University

Kilifi, Kenya
September-2012
September-2015

Chair, Animal Science Department

In Charge, Administration and Human Resource in the Department of Animal Sciences, Curriculum development, Student Affairs, Examinations and Results Processing, Member of the Pwani University Senate

Pwani University Kilifi, Kenya

Acting Dean; School of Agricultural Sciences and Agribusiness

In Charge of the School of Agricultural Sciences and Agribusiness, on behalf of the substantive Dean

Pwani University

Kilifi, Kenya

Acting Dean; School of Graduate Studies

In Charge of the School of Graduate Studies, on behalf of the substantive Dean

Education

EGERTON UNIVERSITY ■ **BSc. Animal Production**

EGERTON, NJORO, KENYA
2001
Degree in Animal Sciences

EGERTON UNIVERSITY ■ **MSc. Animal Production**

EGERTON, NJORO, KENYA
2004
Master of Science in Livestock Sciences (Animal Breeding and Genetics)

HOHENHEIM UNIVERSITY ■ **PhD Agricultural Sciences**

Stuttgart, Germany
2009
Doctorate in Agricultural Sciences, (Modeling Animal Breeding Systems)

Projects

Establishment of the Electronic Livestock Records Database at the National Beef Research Centre (2003), based on Microsoft Access, over 10,000 records from 1993 to 2003 entered and a user-friendly electronic data recording system established. [Funded by the Kenya Agricultural Research Institute (KARI)]

Development of breeding objectives and estimation of economic values for breeding objective traits in production systems utilising the Boran breed in Kenya (2002 - 2004) [Funded by the Kenya Agricultural Research Institute (KARI)]

Breeding objectives and selection schemes for beef cattle populations in Kenya (2006 April 2009 April) (on DAAD Scholarship€40,950 and registered for PhD at the University of Hohenheim, Stuttgart, Germany).

PROP-MARK (2012 -2013) is a Pro-poor Marketing and youth mentoring Project engaging all the 4th year BSc. Agriculture students undertaking student projects in four agricultural value chains at the Coastal region sponsored by CASCADE Development Organisation

THE NRF-COFFEE-DAIRY-BIOGAS MULRIDISCIPLINARY PROJECT, Funded by the National Research Fund, Consortium Pwani University, Hivos Kenya and KALRO, 9.5 Million - On-going

Achievements

inaugural Chairperson, Animal Science Department, Pwani University: Established the structures and Team to develop Curriculum for Animal Science as well as Animal Production and Health

Inaugural Chairperson, Ethics Review Committee, an Agency of Nacosti Kenya, Spearheaded Initial Accreditation and subsequent renewal of Licenses including the latest mandate that runs to 2021.

University Representative; THE NATIONAL BIO-SECURITY CONFERENCE at Intercontinental hotel Nairobi

Linkages and Partnerships; Spearheaded projects with Biogas International, Hivos Kenya, KALRO and The Swedish University of Agricultural Sciences; Appeared on the Daily Nation Spring Board Section for the Biogas Initiative

Mentoring and Supervision of Post-Graduate students

MoU with Swedish University of Agricultural Sciences that led to Donations of Library Books in Veterinary Sciences

MoU with Biogas International, with whom, we continue to Partner in the Biogas Demo Unit at Pwani university and the NRF Project that is on-going

ONE MILLION MORINGA PROJECT with KWETU NGO and the County Government of Kilifi, On-going at Proposal Consultative phase

Certifications & Courses

Trained Curriculum Review Specialist

Ethics Review Expert

Biosecurity Officer

Honors & Awards

Kenya Government Grant to pursue Degree in Animal Production (1996-2001)

Kenya Agricultural Research Institute (Now KALRO) Internship Position to Pursue Masters in Animal Production (2002-2004)

PhD Scholarship from the DAAD to pursue a Doctorate in Agricultural Sciences (2005-2009)

Post-Doctoral fellow at the Swedish University of Agricultural Sciences, under Scholarship from the Swedish Institute (2014-2015)

International Consultant Position at the FAO, Liberia (2016)

Member; Bioethics Society of Kenya

Journal Publications

Kahi, A. K., T. O. Rewe and I. S. Kosgey. 2005. Sustainable community-based organisations for the genetic improvement of livestock in developing countries. *Outlook on Agriculture*. Vol 34; No. 4: pp 261-270.

Rewe, T. O., D. Indetie, J. M. K. Ojango and A. K. Kahi. 2006. Breeding objectives for the Boran breed in Kenya: Model development and application to pasture based production systems. *Animal Science Journal*. 77: 163-177.

Rewe, T. O., D. Indetie, J. M. K. Ojango and A. K. Kahi. 2006. Economic values for production and functional traits and assessment of their influence on genetic improvement in the Boran cattle in Kenya. *Journal of Animal Breeding and Genetics*. 123: 23-36.

Kahi, A. K., C. B. Wasike and T. O. Rewe. 2006. Beef production in the arid and semiarid lands of Kenya: Constraints and prospects for research and development. *Outlook on Agriculture* 35 (3), pp. 217-225).

Kahi, A. K., T. O. Rewe and H. Hirooka. 2006. Research partnerships in relation to topics in animal breeding and genetics. *Journal of Animal Science* 84 (8), pp. 2276-2283

Kahi, A. K. and T. O. Rewe. 2008. Biotechnology in livestock production: Overview of possibilities for Africa. *Africa Journal of Biotechnology African Journal of Biotechnology*, 7(25), 4984-4991

Rewe, T. O., Herold, P., Kahi, A. K. And Valle Zárate, A. 2008. Breeding indigenous cattle genetic resources for beef production in sub-Saharan Africa. *Outlook on Agriculture*, Volume 38, Number 4, pp. 317-326(10)

Rewe, T. O., Herold, P., Piepho, H-P., Kahi, A. K. And Valle Zárate, A., 2010. Genetic and economic evaluation of a basic breeding programme for Kenya Boran cattle. *Tropical Animal Health and Production. Tropical Animal Health and Production*, Vol. 42, No. 3. pp. 327-340.

Rewe, T. O., Herold, P., Kahi, A. K. And Valle Zárate, A., 2011. Trait improvement and monetary returns in alternative closed and open nucleus breeding programmes for Boran cattle reared in semi-arid tropics. *Livestock Science* 136 (2011) 122-135).

Rewe, T. O., and Kahi, A. K., 2012. Design and Application of Bio-economic Modelling in Livestock Genetic Improvement in Kenya: A Review. *Egerton Journal of Science and Technology* ISSN: 2073-8277 Volume 12 (2012)113 - 119

Mbuthia, J. M., Rewe, T. O. and Kahi A. K., 2011. Evaluation of smallholder pig management and breeding under different production systems in Kenya, *Tropical Animal Health and Production*, Vol. 46, No. 8. pp.

Mbuthia, J. M., Rewe, T. O. and Kahi A. K., 2015. Breeding objectives for pigs in Kenya. I: Bio-economic model development and application to smallholder production systems, *Tropical Animal Health and Production*, Vol. 47: 299-309.

Mbuthia, J. M., Rewe, T. O. and Kahi A. K., 2015. Breeding Objectives for Pigs in Kenya. II: Economic Values Under Different Smallholder Production Systems, *Tropical Animal Health and Production*, Vol. 47: 371-367.

Mbuthia, J. M., Rewe, T. O. and Kahi A. K., 2015. Evaluation of pig production practices, constraints and opportunities for improvement in smallholder production systems in Kenya. *Tropical Animal Health and Production*, Vol. 47: 369-376

Mbuthia, J. M., Rewe, T. O. and Kahi A. K., 2015. Analysis of pig breeding and management trait preferences in smallholder production systems in Kenya. *Animal Genetic Resources*, 1-7.

Rewe Thomas, Maria Gabriela Campolina Diniz Peixoto Vera Cardoso, Erling Strandberg August 2015. Gir for the Giriama: The case for Zebu dairying in the tropics -a Review. *Livestock Research for Rural Development* 27(8)

Rewe, Thomas., Maria Gabriela Campolina Diniz Peixoto., Vera Cardoso., Erling Strandberg., 2015. Gir for the Giriama: The case for Zebu dairying in the tropics -a Review. *Livestock Research for Rural Development* 27(8).

Mbato, Peter., Rewe, Thomas., Oconto, Nicholas., 2018. Effect of Free-Range Strategy on Taste of Conventional Broiler Meat in Coastal Lowlands of Kenya. *Advances in Animal and Veterinary Sciences*. 6(12):1

Arthur Bob Karnuah., Gregory Dunga., Rewe Thomas., 2018. Community based breeding program for improve goat production in Liberia. 10.15406/mojcrr.2018.01.00036 *MedCrave Vol 1*.

Conferences

Rewe, T. O., Ogore, P. B. and Kahi, A. K., 2002. Integrated Goat Development Projects in Kenya: Impact on Genetic Improvement. In: The 7th World Congress on Genetics Applied to Livestock Production, 19th 23rd August 2002, Montpellier, France. 33: 385-387.

Rewe, T. O., Indetie, D., Irungu, K. R. G., Ojango, J. M. K. and Kahi, A. K., 2003. Construction of a bio-economic profit functions for production systems utilising the Boran Breed. In: Proceedings of the Animal Production Society of Kenya (APSK) Annual Scientific Symposium held on 6th 7th March 2003, Naivasha, Kenya

Rewe, T. O., Indetie, D., Ojango, J. M. K. and Kahi, A. K., 2004. Economic values for Production and Functional in Boran cattle of Kenya. In: Proceedings of the APSK/TSAP/Makerere University Regional Animal Production Conference, 15th 18th March 2004, Nairobi, Kenya

Indetie, D., Ouda, J. and Rewe T. O., 2004. Inadequacy of the Dalton weigh-band as a predictor of body weight for Boran cattle. In: Proceedings of the APSK/TSAP/Makerere University Regional Animal Production Conference, 15th 18th March 2004, Nairobi, Kenya

Kahi, A. K., Rewe, T. O. and Kosgey, I. S., 2004. Community-Based Organisations for Genetic Improvement of Small Ruminants (CBOGISR): Their establishment and sustainability. In: Proceedings of the 5th biannual conference of the Eastern Africa Goat Development Network (EAGODEN), 7th 9th June 2004, Meru, Kenya

Rewe, T. O., D. Indetie, K. R. G. Irungu, J. M. K. Ojango and A. K. Kahi. 2004. Genetic improvement of Boran cattle for pasture based production systems in Kenya: Development of breeding objectives. In: Proceedings of the 9th KARI Scientific Conference, 8th 12th November 2004, Nairobi, Kenya

Rewe, T. O., D. Indetie, K. R. G. Irungu, J. M. K. Ojango and A. K. Kahi. 2004. Genetic improvement of Boran cattle in Kenya: Development of breeding objectives. In: Proceedings of TSAP 2004 annual scientific conference, 5th - 7th October 2004, Moshi, Tanzania

Rewe, T. O. and A. K. Kahi. 2006. Economic values for production and functional traits in the Boran cattle of Kenya. In: The 8th World Congress on Genetics Applied to Livestock Production, August, 13th 18th 2006, Belo Horizonte, Brazil. 3: 76 79.

Rewe T. O., P. Herold., A.K. Kahi and A. Valle Zárate. 2007. Beef cattle breeding programmes for sub-Saharan Africa. In: The 58th Annual meeting of the European Association of Animal Production (EAAP). 26th 29th August 2007. Dublin, Ireland

Rewe T. O., P. Herold., A.K. Kahi and A. Valle Zárate. 2007. Genetic and economic evaluation of Kenya Boran breeding programme. In: The DGfZ/GfT Conference on 27. September 2007 in Hohenheim University, Germany

Rewe T. O., P. Herold, H-P Piepho., A.K. Kahi and A. Valle Zárate. 2008. Institutional Framework and Farm Types Characterising the Kenya Boran Cattle Breeding Programme. In: The Tropentag, October 7-9, 2008, Hohenheim University, Germany

Rewe T. O., P. Herold, A.K. Kahi and A. Valle Zarate., 2010. Genetic improvement and monetary returns in alternative closed and open nucleus

breeding programs for boran cattle reared in semi-arid tropics, In: The 9th World Congress on Genetics Applied to Livestock Production 1st 6th August, Leipzig, Germany

Rewe T. O. and Kahi A.K., 2011. Design and application of bio-economic modelling in livestock genetic improvement in the tropics, 21st 23rd September, Egerton University Njoro

Mbuthia J., Rewe T. O, and A.K. Kahi., 2011. Evaluation of Pig Management and Breeding under Different Smallholder Production Systems. In: The Tropentag, Development on the margin October 5-7, 2011, Bonn, Germany

K K Mwachiro, Rewe Thomas, P P Semenyi, 2016. Efficiency of Artificial Incubation and Brooding for Indigenous Chicken Production in Kilifi County, Kenya June 2016 Conference: 1st WORLD CONGRESS ON INNOVATIONS APPLIED TO LIVESTOCK DEVELOPMENT At: SENTRIM, ELMENTAITA, NAKURU, KENYA

Mailu S.K., Irungu P., Kiriamiti H.K., **Rewe T.** 2021. Biogas attribute tradeoffs among coffee-dairy farmers: a choice experiment in Kiambu and Machakos counties, Kenya. in: 26th Annual Conference of the European Association of Environmental and Resource Economists, Online, 23-25 June 2021).

Mailu S.K., Nwogwugwu C.U., Kinusu K., Njeru P., Rewe T. 2019. What are the essential qualities of domestic biogas plants? Selecting attributes for a discrete choice experiment, paper prepared for the 6th International Conference of African Agricultural Economists, Abuja, Nigeria, 23 – 26 September 2019.

MSc. THESIS: DEVELOPMENT OF BREEDING OBJECTIVES FOR PRODUCTION SYSTEMS UTILISING THE BORAN BREED IN KENYA
January 2004
Advisor: Prof. Dr. Alexander Kahi
Author: Rewe Thomas

PhD Thesis: BREEDING FOR PROFITABLE BEEF PRODUCTION IN SUB-SAHARA AFRICA June 2009
Thesis for: Doctor of Agricultural Sciences
Dr. Rewe Thomas

Breeding for Profitable Beef Production in sub-Sahara Africa
August 2013
Edition: FIRST EDITION Publisher: LAMBERT ACADEMIC PUBLISHING Editor: SHAHANAZI ISBN: ISBN 978-3-659-44223-0
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RESEARCH-GATE LINK TO THE PUBLICATIONS:
https://www.researchgate.net/profile/Bishop_Dr_Thomas/publications

References

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