

Curriculum Vitae

Personal data

Name: Mitiku Eshetu Guya Date of Birth. 27 December 1973
Sex Male Nationality Ethiopia
Address: Haramaya University, P. O. Box 138, Haramaya main campus, Dire Dawa, Ethiopia
Phone: +251 255530341, Mobile: +251 920894621
Marital status: Married to Alemnesh Bekele Geleta and father of four children
E-mail: Mitiku.eshetu@haramaya.edu.et, mitikuguya@yahoo.com or mitikueg@gmail.com

EDUCATION

November 2010 PhD in Livestock Production & Management (Major), Livestock Products Technology (dairy and meat technologies, Minor one) and Social Sciences (minor two), from G.B. Pant University of Agriculture & Technology, India.
July 2003 MSc Degree in Animal Production, Haramaya University, Ethiopia through DAAD Regional Scholarship
July 1999 BSc degree in Animal Science (with distinction), Haramaya University, Ethiopia
November 1993 Diploma in Animal and Range Science, Former Awassa College of Agriculture, Addis Ababa University
June 2019 BA degree in Theology, Mekane Yesus Seminary, Addis Ababa

Short term trainings

April 13 – 17, 2019 “Leadership and Change Management” delivered by Ethiopian Management Institute (EMI), Addis Ababa
March 14-18, 2019 “Training of trainers (TOT)” delivered by EMI, Addis Ababa
Nov 12-17, 2018 “Entrepreneurship Training Workshop (ETW)” organized by Entrepreneurship Development Center (EDC)-Ethiopia and Haramaya University
March 1-3, 2016 “Dairy Farm Planning and Design” Delivered by DeLaval Experts at Haramaya University
March to June 2013 “Dairy Processing & Technology” University of Copenhagen, Denmark
December 17-21, 2013 Application of Geographic Information System (GIS) for Agriculture and Related Sciences at Haramaya University
March 24-25, 2011 HIV/AIDS Awareness mainstreaming at Haramaya University
November 15-17, 2010 COOLING THE EARTH (Tactics for restoring climate order and saving the Living Planet), at GB Pant University of Agriculture and Technology, India
November 23- December 05, 2009 Organic Farming Lecture Series by Prof Padruot M. Fried, Agroscope, Switzerland at GB Pant University of Agriculture and Technology, India
July – August, 2002 Milk Microbiology by ILRI, Debre Zeit, Ethiopia

EMPLOYMENT AND EXPERIENCE

2016 Associate Professor of Livestock Production (**Dairy Science and Technology**)
2010 - 2016 Assistant Professor, Haramaya University
2003 - 2007 Lecturer, Haramaya University
1999 - 2001 Graduate Assistant, Haramaya University

ADMINISTRATIVE POSTS

May 2018 to present	Director for University-Industry Linkage and Entrepreneurship Development, Haramaya University:
2013 to 2018	South coordinator and PI of “Haramaya Camel Dairy” project funded by Danish International Development Agent (DANIDA) for five years.
2012 - 2015	Head, School of Animal and Range Sciences, Haramaya University
2012 - 2013	Coordinator, Research and extension program of the School of Animal and Range Sciences, Haramaya University
2003 - 2007	Coordinator, Sheep and Goat research program of the Department of Animal Science, Haramaya University
2003 - 2007	Secretary, Departmental Council (DC) of the Department of Animal Science

MEMBERSHIP

1. Ethiopian Society of Animal production (ESAP)
2. Indian Society of Animal production & Management (ISAPM)

PROFESSIONAL ACTIVITIES

1. Organized a national Conference entitles “Unemployment, Entrepreneurship Development and Innovation” which was conducted from 13th to 14th March 2020 at Haramaya University, Ethiopia.
2. Presented a paper entitled “Unemployment in Eastern Ethiopia: Fact Sheet” on March 13, 2020 at Haramaya University 1st National Conference on Unemployment, Entrepreneurship Development and Innovation.
3. Presented a paper entitled “University-Industry Linkage Gap Analysis: The case of Haramaya University” on September 7, 2019 at Admas University 12th Annual National Research Conference held at Harmony Hotel, Addis Ababa Under the theme of Quality of Education, University-Industry Linkage and Internationalization of Higher Education.
4. Presented a paper entitled “Current status of camel milk processing and technologies” on August 30, 2019 based on invitation by Ethiopian Society of Animal Production (ESAP) for ESAP 27 Annual Conference held from August 29 to 31, 2019 held at Ethiopian Institute of Agricultural Research (EIAR), Addis Ababa under the theme of Livestock Science for Development.
5. Presented a paper entitled “Current status of camel milk processing and technologies” at Adam on June 29, 2019 based on invitation on “Camel Milk Commercialization” organized by Oromia Livestock Development Agency, Addis Ababa Ethiopia
6. Presentation on “Expectation, practices, Challenges and prospects of HU University-Industry Linkage” presented on June 27, 2019 for industry stakeholder workshop at Haramaya University.
7. Presentation on “Innovative Research Output commercialization and decent job creation” presented on “University wide workshop on Innovation summit” at Haramaya University on May 9, 2019.
8. Presentation on “University-Industry Linkage and future direction” presented on January 31, 2019 for stakeholder workshop entitles “University-Industry Linkage for enhancing Mutual Cooperation” at Haramaya University
9. Presented a paper entitled “Current status of camel milk processing and technologies” at Semera, Afar Regional State on October 5, 2018 and February 26 & 27, 2019 at Dire Dawa through invitation of Ethiopian Meat and Dairy Industry Development Institute
10. Presented a paper entitled “The Potential of Camel as a Dairy Animal and for Tourism in Ethiopia” in Southwest Camel Conference and Clinic at Lazydog Ranch, Nevada, Texas, USA

11. Organized an International Workshop entitles Camel Dairy Research and Major Achievements which was conducted from 25th to 26th January 2018 at Harar Ras Hotel, Ethiopia
12. Served as manuscript reviewer for different journals of which the following are some them; Ethiopian Journal of Animal Production, Open Journal of Animal Scince, East African Journal of Sciences, East African Journal of veterinary and Animal Sciences.
13. Reviewed MSc curriculum of Dairy Science and Technology, at Haramaya University, in September 2017 & at Debre Birhan University on June 18, 2019
14. Member of a team that develop a World Bank African Center of Excellence in Climate Smart Agriculture and Biodiversity Conservation at Haramaya University
15. Organized an International Workshop entitles Camel Dairy Technologies which was conducted from 7th to 8th July 2016 in Dire Dawa Ras Hotel, Ethiopia
16. Supervised more than 40 MSc and 10 PhD students in the School of Animal and Range Sciences and School of Food Science and Postharvest Technology
17. Served as a chairman and internal examiner during MSc open Thesis defences examination at Haramaya, Hawassa, Wollega and Ambo Universities
18. Developed MSc and PhD curriculum in Dairy Technology in collaboration with professionals from University of Copenhagen and Technical University of Denmark, in August 2013
19. Reviewed PhD curriculum, Tropical Animal Production, at Haramaya University, in March 2012
20. Served as Chairman for Developing Business plan for renovation of Jiru Siresa milk and Milk products Cooperatives that is found in Haramaya District, in 2015

PUBLICATION

- | | |
|---|---|
| Esben B., Christina A. S., Mitiku E., Tesfamariam B. and Egon B. H., 2020. | Draft genome sequences of <i>Lactococcus lactis</i> strains MS22314, MS22333, MS22336, and MS22337, isolated from fermented camel milk in Ethiopia. <i>Microbiology, Resource Announcement</i> 9:e00862-20. https://doi.org/10.1128/MRA.00862-20 . |
| Esben B., Tesfamariam Berhe, Dakalo Dashe, Kim I. S., Mitiku E. G. and Egon B. H., 2020 | Antimicrobial activity of novel <i>Lactococcus lactis</i> strains against <i>Salmonella Typhimurium</i> DT12, <i>Escherichia coli</i> O157:H7 VT ⁻ and <i>Klebsiella pneumoniae</i> in raw and pasteurised camel milk. <i>International Dairy Journal</i> , 111:1-6. |
| Michael Abera, Yesihak Yusuf, Mitiku Eshetu, Fabio Pilla, Zewdu Wondifraw, 2020. | Perception of Fogera Cattle Farmers on Climate Change and Variability in Awi Zone, Ethiopia. <i>Open Journal of Animal Sciences</i> . 10(4):792-815. |
| Kibebew Babege, Mitiku Eshetu and Firew Kassa. 2020 | Hygienic Production Practices and Microbial Quality of Cow Milk in Cheha District of Gurage Zone, Southern Ethiopia. <i>Open Journal of Animal Sciences</i> , 10(3): 592-607. |
| Dakalo D., Egon B. H., Mohammed Y.K., Tesfamarima B., Mitiku E., Yonas H., Amsalu W., and Adane S. 2020 | Preservation of Raw Camel Milk by Lactoperoxidase System Using Hydrogen Peroxide Producing Lactic Acid Bacteria. <i>Open Journal of Animal Sciences</i> , 10(3):387-401. doi: 10.4236/ojas.2020.103024 . |
| Alemnesh Y., Mitiku E., and Kibebew B. 2020 | Current Status of Camel Dairy Processing and Technologies: A Review. <i>Open Journal of Animal Sciences</i> , 10(3): 362-377. doi: 10.4236/ojas.2020.103022 . |
| Diriba Kumsa, Mitiku Eshetu and Diriba Diba, 2020. | Sensory Characteristics of Dairy Products from Horro Cows Fed Rhodes Grass Hay Basal Diets Supplemented |

with *Ficus sur* (Cv. Forssk) Fruits. *World Journal of Dairy & Food Sciences*, 15(1):32-38

- Abebe B., Zelalem Y., Mitiku E. and YK Mohammed, 2020. The Ethiopian dairy sector with focus on traditional butter: a review. *African Journal of Food, Agriculture, Nutrition and Development*, 20(1): 15267-15286.
- Mitiku Eshetu, Ewunetu Bekele and Yosef Tadesse, 2020. Pre- and Post-Slaughter Factors Influencing Hide and Skin Quality in West Shewa Zone, Ethiopia. *Open Journal of Animal Science*, 10(1): 162-181
- Mitiku Eshetu, Mekdes Seyoum and Yesihak Yusuf, 2019. Milk production, marketing practices and qualities along milk supply chains of Haramaya District, Ethiopia. *African Journal of Agricultural Research*, 14(35): 1190-2005.
- Mitiku Eshetu, Alemnesh Yirda and Firew Kassa. 2019. Microbial Quality and Safety of Raw Cow Milk in Girar Jarso District of Oromia Regional State, Ethiopia. *Ethiopian Journal of Animal Production*, 19(1):37-55.
- Mitiku Eshetu and Aleme Asresie, 2019. Chemical composition, mineral profile and sensory properties of traditional cheese varieties in selected areas of Eastern Gojjam, Ethiopia. *East African Journal of Sciences*, 13(2): 173-182.
- Mitiku Eshetu, Mulu Mamo and Yesihak Yusuf. 2019. Milk Production, Marketing and Quality in Meta District of Eastern Hararghe Zone, Ethiopia. *Journal of Agricultural Sciences*, 11(5): 535-546.
- Mohammed S., Eshetu M., Tadesse Y. and Hailu Y. 2019. Rheological Properties and Shelf Life of Soft Cheese Made from Camel Milk Using Camel Chymosin. *Journal of Dairy and Veterinary Sciences*, 10(4):1-6
- Birhanu Bekele, Egon, Bech Hansen, Mitiku Eshetu, Yonas Hailu and Richar Ipsen. 2019. Effect of starter cultures on properties of soft white cheese made from camel (*Camelus dromedarius*) milk. *Journal of Dairy Science*, 102:1-8.
- Almaz Genene, Egon, Bech Hansen, Mitiku Eshetu, Yonas Hailu and Richar Ipsen. 2019. Effect of heat treatment on denaturation of whey protein and resultant rennetability of camel milk. *LWT - Food Science and Technology*, 101:404-409.
- Abebe Bereda, Zelalem Yilma, Mitiku Eshetu, and Mohammed K. Yousuf. 2018. Hygienic Practices, Microbial Quality and Safety of Raw Cow's Milk and Traditional Fermented Milk (Irgo) in Selected Areas of Ethiopian Central Highlands. *East African Journal of Veterinary and Animal Sciences*, 2(1): 17-26
- Abebe Bereda, Zelalem Yilma, Mitiku Eshetu and Mohammed K. Yousuf. 2018. Hygienic Handling Practices and Quality of Ethiopian Traditional Butter (Kibe) along the value chain in Selected Areas of the Central Highlands. *Ethiopian Journal of Animal Production*, 18(1):59-74.
- Hirpha Ketema, Amanuel Bekuma, Mitiku Eshetu and Kefena Effa, 2018. Chemical Quality of Raw Cow's Milk Detection and Marketing system in Walmera District of Oromia Regional State, Ethiopia. *International Journal of Advanced Research in Biological Sciences*, 5(10): 38-44.
- Yonas H., Egon B. H. Eyassu S., Mitiku E., Mikael A. P., Rene L., Fergal R. and Richard I. 2018. Rheological and sensory properties and aroma compounds formed during ripening of soft brined cheese made from camel milk. *International Dairy Journal (Elsevier)*, 81:122-130.
- Aleme Asresie, Zelalem Yilma, Eyassu Seifu, Lemma Zemedu, Mitiku E, and Mohammed Y. Kurtu, 2018. Handling, Processing, Utilization and Marketing of Ayib (Ethiopian Traditional Cottage Cheese) Varieties Produced in Selected Areas of Eastern Gojjam, Northwestern Highlands of Ethiopia. *Open Journal of Animal Sciences*, 8:51-73

- Takele W., Mohamed Y. K. Mitiku E. and Mengistu K. 2017
 Analysis of camel milk value chain in the pastoral areas of eastern Ethiopia. *Journal of Camelid Science*, 10: 1–16.
- Bekele Amenu, Mitiku Eshetu, Yonas Hailu and Egon Bech Hansen. 2017
 Activation of Lactoperoxidase System: Evaluation of the Acidification Rate, Microbial Quality, and Shelf Life of Camel and Cow Milk. *East African Journal of Sciences*, 11(2): 107-116.
- Zelalem Yilma, Yonas Hailu, Takele Wolkaro and Mitiku Eshetu. 2017
 The Ethiopian Dairy Value Chain with a Particular Focus on Cattle and Camel Milk: Current Scenarios and Investment Opportunities. *East African Journal of Sciences*, 11(2): 81-92
- Diribe Kumsa, Mitiku Eshetu and Diriba Diba, 2016
 Feed Intake, Milk Yield and Composition, and Profitability of Horro Cows Fed Rhodes Grass Hay Supplemented with *Ficus sur* (Cv. Forssk) Fruits. *Science, Technology and Arts Research Journal*, 5(1): 39-45
- Tekuam Walle, Mohammed Yusuf, Richard Ipsen, Yonas Hailu and Mitiku E. 2017
 Coagulation and Preparation of Soft Unripened Cheese from Camel Milk using Camel Chymosin. *East African Journal of Sciences*, 11(2): 99-106
- Tesfemariam B., Richard I., Eyassu S. Mohammed Y., Mitiku E., Egon B. H., 2017
 Comparison of the acidification activities of commercial starter cultures in camel and bovine milk. *LWT - Food Science and Technology*, 89:123-127.
- Abebe Bereda, Zelalem Yilma, Mitiku E., Mohammed Yousuf and Getenet Assefa, 2017
 Socio-economic characteristics of dairy production in the selected areas of Ethiopian central highlands. *Journal of Veterinary Medicine and Animal Health*, 9(8): 193-203.
- Angelina F., Tesfemariam B., Anil K., Shazad H., Martin F. L., Martin I. B., Yonas H., Kim I. S., Mituku E., Richard I., Egon B. H. 2017
 Characterization of lactic acid bacteria in spontaneously fermented camel milk and selection of strains for fermentation of camel milk. *International Dairy Journal*, 73: 19 – 24
- Yonas H, Egon B H, Eyassu S, Mitiku E, Richard I & Stefan K. 2016
 Functional and technological properties of camel milk proteins: a review. *Journal of Dairy Research*, 83: 422–429.
- Tadele Amnetie, Mitiku Eshetu, Yoseph Mekasha and Ameha Kebede, 2016
 Milk postharvest handling practices across the supply chain in Eastern Ethiopia. *Journal of Advanced Veterinary and Animal Research*, 3(2):112-126
- Tadele Amnetie, Ameha Kebede, Yoseph Mekasha and Mitiku Eshetu, 2016
 Microbiological Quality of Raw Cow Milk across the Milk Supply Chain in Eastern Ethiopia. *East African Journal of Sciences*, 10(2): 119-132

- Sara Endal, Mitiku Eshetu, Zelalem Yilma and Binyam Kassa. 2016 Strength and Keeping Quality of Abomasum Rennet and its Influence on Yield and Quality of Halloumi Cheese made from Cow Milk. *East African Journal of Science*, 10 (1): 41-48.
- Yonas H, Egon B. H., Eyassu S, Mitiku E & Richard I. 2016. Factors influencing the gelation and rennetability of camel milk using camel chymosin. *International Dairy Journal* (Elsevier), 60: 62-69.
- Teshome G., Fekadu B. And Mitiku E., 2014 Handling practices and microbiological quality of raw cow's milk produced and marketed in Shashemene Town, Southern Ethiopia. *International Journal of agriculture and Soil Science*, 2(9) 153-162.
- Abebe B, Mitiku E and Zelalem Y, 2014 Microbial properties of Ethiopian dairy products: A review. *African Journal of Microbiology Research*. 8(23), pp 2264-2271.
- Tesfaye Amene, Mengistu Urge, Mitiku E. and Diriba Diba, 2016 Effects of Different Proportions of Dried Cafeteria Leftover Inclusion in a Concentrate Mix on Performance of Growing Pigs. *Science, Technology and Arts Research Journal*, 5(1): 27-34.
- Tesfu Tadesse, Getachew Animut and Mitiku Eshetu. 2017. Goat Production Practices and Constraints in Mixed Crop Livestock and Agro-Pastoral Production Systems of Dire Dawa Administration, Ethiopia. *East African Journal of Veterinary and Animal Sciences*, 1 (2): 67-76
- Selamu Abraham, Tekalign Tadesse, Negassi Ameha and Mitiku Eshetu. 2018 Evaluation of Feeding Different Levels of Red Haricot Bean Screening (*Phaseolus Vulgaris*. L) on Egg Production and Quality Parameters of White Leghorn Hens. *Journal of Biology, Agriculture and Healthcare*, 8 (2): 32-40.
- Bekele Tesfaye, Desalegn Begna and Mitiku Eshetu, 2017 Beekeeping practices, trends and constraints in Bale, South-eastern Ethiopia. *Journal of Agricultural Extension and Rural Development*, 9(4): 62-73, April 2017
- Bekele Tesfaye, Desalegn Begna and Mitiku Eshetu, 2016 Evaluation of Physico-Chemical Properties of Honey Produced in Bale Natural Forest, Southeastern Ethiopia. *European Journal of Biophysics*, 4(5): 42-46
- Mitiku Eshetu and Getachew Neme, 2015 Camel Slaughtering Practices and Meat Production in Eastern Ethiopia. *Science, Technology and Arts Research Journal*, July-Sept 2015, 4 (3): 123-128
- Teshome G., Fekadu B. and Mitiku E., 2015 Physical and chemical quality of raw cow's milk produced and marketed in Shashemene Town, Southern Ethiopia. *Journal of Food and Agricultural Science*, 5(2): 7-13.
- Aleme Asresie and Mitiku Eshetu. 2015. Traditional Chicken Production System and Marketing in Ethiopia: A review. *Journal of Marketing and Consumer Research*. 8:27-34
- Diriba D, Yoseph M., Mengistu U., Adugna T., and Mitiku E, 2014 Carcass yield and quality of pork from pig fed graded levels of fig (*Ficus sur*) fruits in mixed maize grain. *Science, technology and arts research Journal*, 3(4): 1-8.
- Mitiku Eshetu Guya, 2011 Camel meat production and implication to Ethiopian meat industry. In: *Bridging Knowledge and Technology gaps in Camel Production. Proceeding of International Conference on Camel Research and Development held in Jigjiga, Ethiopia; October 27-29, 2011.*

Language	Speaking	Writing	reading
English	Excellent	Excellent	Excellent
Amharic	Excellent	Excellent	Excellent
Afan Oromo	Excellent	Good	Excellent

I hereby verify that the above information is true and correct to the best of my knowledge and belief.