
CURRICULUM VITAE



Dr. Muhammad Tariq

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Date of Birth : March 10, 1980
Birth Place: Sargodha, PAK
Sex : Male
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Education:

1985-1990: Primary school Farooka, Sargodha, Pakistan
1990-1995: Matriculation Govt. High School Farooka Sargodha
1995-1997: Intermediate Federal Board Islamabad
2000-2004: BSc. (Hons) Animal Husbandry, University of Agriculture, Faisalabad.
2004-2006: MSc. (Hons) Livestock Management, University of Agriculture, Faisalabad.
2009-2013: PhD (September 10, 2013) Organic Agriculture, Agro-ecosystems/ Group Animal Husbandry in Tropics and Subtropics, University of Kassel, Witzenhausen, Germany

Professional Career:

1. **Research Assistant** in ALP, PARC project “A comparison of concentrate and fodder based finishing diets on the performance, carcass composition and meat quality of Lohi and Sipli lambs” at the University of Agriculture, Faisalabad, for six months during 2005.
2. **Dairy Consultant** for 4 years to Sher Diwan Ali Dairy Farm in Azmatwala, Tehsil Sahiwal District Sargodha during 2001-2004.
3. **District Breeding Officer** for 13 months during 2006-2007 at the Research Centre for Conservation for Sahiwal Cattle, Jhang, at the Department of Livestock and Dairy Development Punjab, Pakistan.
4. **Visiting Lecturer** for 6 months during 2006 at CVAS, University of Veterinary and Animal Sciences Campus Jhang.
5. **Lecturer** at the Department of Livestock Management, University of Agriculture, Faisalabad from May 2007 to 2014.
6. **Dairy Consultant** for Shakar Ganj Sugar Mills Dairies, 462 JB District Jhang, for establishing their Dairy Farms for one year during 2007.
7. **German Research Grant** for three months during 2013 George August University Goettingen, Germany
8. **Guest Lecturer** at Egerton University Kenya for 2 months during 2013 under ICDD project, Germany.
9. **Associate Professor** at the Department of Livestock Management, University of Agriculture, Faisalabad Sub-CAMPUS Toba Tek Singh to date.

Research Work Supervised and Completed:

1. Consumption patterns and consumer perceptual attributes of fresh and processed poultry meat in two metropolitan cities of Punjab, Pakistan
2. Backyard poultry raising and its role in poverty alleviation in district Muzaffargarh
3. Status of pigeon raising and racing in two metropolitan cities of Punjab, Pakistan
4. Factor affecting fighting cocks (aseel) production in Punjab, Pakistan
5. Impact of traditional and modern dairy practices on clean milk production and mastitis
6. Investigation of factors controlling rural poultry marketing in district Toba Tek Singh
7. Investigation of factors affecting fresh broiler meat quality sold at retail shops in Multan and Bahawalpur regions of Punjab Province of Pakistan
8. Role of dairy production on livelihood of small scale livestock farmers in district Muzaffargarh
9. Effect of seasonal variation on semen production of Sahiwal breeding bulls
10. The role of animal husbandry systems for smallholders' livelihood in Karimabad, Hunza Hunza-Valley (Pakistan)
11. Management of irrigated land and water in Karimabad, Hunza-Valley (Pakistan)
12. Perceptions of Local People about Environmental Changes And Its Relation With Migration In Karimabad, Hunza Valley, Pakistan.
13. Impact of Modern and Traditional Dairy Practices on Clean Milk Production and Mastitis.
14. Determination of Livelihood Contribution to Poverty Reduction and Challenges to Donkey Cart Owners in the Rural and Peri-urban Areas of Punjab, Pakistan.
15. Investigation of factors affecting poultry manure management at layer farms in districts of Faisalabad and Toba Tek Singh
16. Assessment of different factors affecting the marketing of hides and skins in district Faisalabad and Multan

HONOURS/ AWARD

1. **Quaide Azam Merit Scholarship** in Matriculation 1995.
2. **SILVER MEDAL** in B.Sc. (Hons) A.H 2003-2004
3. Awarded University **Merit Scholarship**, Session 2000-2006
4. **HEC Approved** Supervisor
5. **ICDD, Germany** Approved Supervisor
6. Won Sponsorship from UC Davis, America for Paper Presentation October, 2018 (6000USD)

Publications:**1. Working Paper:**

Tariq, M. 2022. Practices of Clean Milk Production, Management and Decent Work in Faisalabad, Punjab, Pakistan. ICDD Working Paper 40. ICDD Working Papers ISBN: 978-3-7376-0934-0. First published 10/2022 in Kassel, Germany

DOI: <https://doi.org/10.17170/kobra-202209276898>.

2. Policy Papers Published Online:

1. **Tariq, M. 2023.** Sustainable Dairy Production in Pakistan: Lesson Learned and Way Forward. Accepted for 2023 Multi-Stakeholder Forum on Science, Technology, and Innovation (STI-UN) for the SDGs, UNHQ, New York. (Available at <https://sdgs.un.org/sites/default/files/2023-05/B65%20-%20Tariq%20-%20Sustainable%20Dairy%20Production%20in%20Pakistan.pdf>)
2. **Tariq, M. 2023.** Future policy interventions for the development of livestock sector in Pakistan. Accepted for 2023 Multi-Stakeholder Forum on Science, Technology, and Innovation (STI-UN) for the SDGs, UNHQ, New York. (Available at <https://sdgs.un.org/sites/default/files/2023-05/C15%20-%20Tariq%20-%20Future%20policy%20interventions%20for%20the%20development%20of%20livestock%20sector%20in%20Pakistan.pdf>).

3. Books and book chapters:

1. **Tariq et al., 2023.** Chapter "Animal Body" in Waheed and Asim (Ed.), Basics of Animal Production Sciences. ISBN. 978-969-23854-0-4
2. **Tariq et al., 2023.** Chapter "Basic Husbandry Operations" in Waheed and Asim (Ed.), Basics of Animal Production Sciences. ISBN. 978-969-23854-0-4
3. Asim and **Tariq, 2023.** Chapter "Introduction to livestock Production" in Waheed and Asim (Ed.), Basics of Animal Production Sciences. ISBN. 978-969-23854-0-4
4. **Tariq, M. 2008.** Chapter "Calf Management" in: Khan B.B. (Ed.), Health and Husbandry of Dairy Animals. pp. 168-178. Pk. Printers, Faisalabad, Pakistan.
5. **Tariq, M., M.I. Mustafa, S. Ahmad. 2011.** Production System: Growth and Carcass Composition of Lohi Lambs: Influence of Different Feeding Regimes on Growth, Carcass and Meat Quality Parameters. LAP LAMBERT Academic Publishing, Germany (ISBN 10: 3844389601 / ISBN 13: 9783844389609)
6. Ahmad, S., M. Yaqoob, **M. Tariq. 2011.** Milk Production, Quality and Composition of Traditionally Managed Camels. LAP LAMBERT Academic Publishing, Germany (ISBN 10: 3844310983 / ISBN 13: 978-3-84431-098-6)
7. **Tariq, M. 2013.** Opportunities for improving resource use efficiency of peri-urban dairy herds in Faisalabad, Punjab, Pakistan. CUVILLIER VERLAG, Goettingen, Germany **(ISBN-13: 978-3-95404-522-8).**
8. **Asif Hameed and Tariq, M. 2016.** Visualizing Desert: People, Agriculture, Livestock and Livelihood. LAP LAMBERT Academic Publishing, Germany **(ISBN -978-3-659-88333-0).**
9. Abdul Waheed and **Muhammad Tariq, 2014.** Camel Breeds in Pakistan. Published online with DOI: 10.13140/2.1.4738.1446

List of International Research Papers Published in Journals having Impact Factor

1. Qudoos, A., U.B. Tahir, S. Ahmad³, **Muhammad Tariq**, M. Imran, R. Nadeem, S. Noreen, N. Luqman, M. Maqbool, I. Jan, Z. Iqbal, M. Raza, M.S. Sajid & H.M. Rizwan, 2023. Trace mineral concentration of forages in connection with sheep dietary requirements. *South African Journal of Animal Science* 2023, 53 (3). 361-368.
2. Mariyam, B., Awan, M. F., Sajjad, F., Ahmed, R., Dar, M. T., Ashraf, S., & Tariq, M. 2023. Development of Systematic Drought Tolerance in Crop by Employing Plant Growth Promoting Rhizobacteria (PGPR). *Journal of Xi'an Shiyu University, Natural Science Edition*. 19(12). 815-828.
3. Hameed, A., **Tariq, M.**, Buerkert, A. E. Schlecht. 2022. Constraints and prospects of utilizing mountain pastures in Gilgit-Baltistan, Pakistan. *Pastoralism* 12, (41) <https://doi.org/10.1186/s13570-022-00253-5>. (**Category X, I Score=2.83**).
4. Hameed, A., Schlecht, E., **Tariq, M.**, Buerkert, A., Scheper, C., König, S., & Roessler, R. (2022). Phenotypic and genetic diversity of domestic yak (*Bos grunniens*) in high-altitude rangelands of Gilgit-Baltistan, Pakistan. *Journal of Animal Breeding and Genetics*, 139 (6). 723-737 . <https://doi.org/10.1111/jbg.12730>. (**Category W, IF= 3.721**)
5. Mehmood K, Bao Y, Mushtaq S, Saifullah, Khan MA, Siddique N, Bilal M, Heng Z, Huan L, **Tariq M** and Ahmad S. 2022 Perspectives from remote sensing to investigate the COVID-19 pandemic: A future-oriented approach. *Front. Public Health* 10: 938811. doi: 10.3389/fpubh.2022.938811. (**Category W, IF= 6.461**)
6. Yousaf, Shumaila, Nouman, Hafiz Muhammad, Ahmed, Ibrar, Husain, Sabir, Waseem, Muhammad, Nadeem, Shahid, **Tariq, M.**, Sizmaz, Ozge and Chudhry, Muhammad Farhan Zafar. "A Review of Probiotic Applications in Poultry: Improving Immunity and Having Beneficial Effects on Production and Health" *Postępy Mikrobiologii - Advancements of Microbiology*, 61(3), 2022, pp.115-123. <https://doi.org/10.2478/am-2022-010>. (**Category Y, IF= 1.106**)
7. Ali, Q.; Abbas, A.; Khan, M.T.I.; Bagadeem, S.; Alotaibi, B.A.; **Tariq, M.**; Traore, A. Sustainable Agriculture through Reduced Emission and Energy Efficiency: Estimation of Input–Output Energy and GHG Emission under Tunnel Cultivation of Tomato. *Agronomy* 2022, 12, 1730. <https://doi.org/10.3390/agronomy12081730>. (**Category W, IF= 3.949**).
8. Tariq, M. 2021. Opportunities for Improving Feed Use Efficiency for Sustainable Dairy Production in Pakistan. *Proceedings*, 73, 11. <https://doi.org/10.3390/IECA2020-08826>.
9. Krishna Prasad Acharya, Niranjana Adhikari and Muhammad Tariq, 2020. Scrub Typhus: A serious Public Health Issue in Nepal. *Clinical Epidemiology and Global Health* 8 (2020) 815–817. <https://doi.org/10.1016/j.cegh.2020.02.006> (**Category Y, IF= 2.145**)
10. Shyam Krishna Tiwari, Ramashish Shah, Dainik Bahadur Nepali, **Muhammad Tariq** and Krishna Prasad Acharya. 2019. Effect of Dietary Supplementation of Rumen Undegradable Protein on Productive Performance of Early Lactating Buffaloes. *Journal of Buffalo Science*, 8, 43-54. (**Category Y, Impact Score= 1.14**)
11. Acharya, K.P., N. Adhikari and **M. Tariq**. 2019. Fight against rabies in Nepal: Immediate need for government intervention, *One Health* (2019), <https://doi.org/10.1016/j.onehlt.2019.100114>. (**Category W, Impact Factor= 8.28**)
12. Muhammad Sharif, Mudassar Subhani, Shahid Ibni Zamir, **Muhammad Tariq**, Muhammad Riaz and Asif Javaid. 2017. Chemical Composition and In Situ Digestion Kinetics in Nili Ravi Buffalo Bulls. *Transylvanian Review*. Vol XXV, No. 15, 2017. (**Category X, Impact Factor=0.067**).
13. Issack M.N, Abdi Y.G., **Tariq, M** and Bebe, B.O. 2013. Assessment of camel and camel milk marketing practices in an emerging peri-urban production system in Isiolo County, Kenya. Accessed at: Noor et al. *Pastoralism: Research, Policy and Practice* #CPR CITATION#ARTICLE_URL_DISPLAY_TEXT_FOR_STAMPED_PDF. (**Category X, I Score=2.83**).

14. **Tariq, M.** and Younas, M., 2013. Use of oxytocin and milking management of buffaloes in (urban) peri-urban area of Faisalabad. Buffalo Bulletin. Vol.32 (Special Issue 2): 1155-1160. (**Category Y, IF=0.20**).
15. Ahmad, S., Yaqoob, M., Bilal, M.Q., Khan, M.K., Muhammad, G., Yang, L.G. and **Tariq, M.**, 2012. Factors affecting yield and composition of camel milk kept under desert conditions of central Punjab, Pakistan. Tropical Animal Health and Production 44 (7), 1403-1410. (**Category W, IF=1.93**).
16. Ahmad, S., Yaqoob, M., Bilal, M.Q., Muhammad, G., Yang, L.G., Khan, M.K. and **Tariq, M.**, 2012. Risk factors associated with prevalence and major bacterial causes of mastitis in dromedary camels (*Camelus dromedarius*) under different production systems. Tropical Animal Health and Production 44(1), 107-112. (**Category W, IF=1.93**).
17. Ahmad, S. and **Tariq, M.**, 2010. Heat stress management in water buffaloes: A Review. Revista Veterinaria, 21(1), 301-314. (**Category Y, IF=0.02**).
18. Ahmad. S. and **Tariq, M.**, 2010. Intrinsic factors affecting mastitis prevalence in buffaloes under field conditions. Revista Veterinaria, 21(1), 467-470. (**Category Y, IF=0.02**).
19. Asif Hameed, **Muhammad Tariq** and Muhammad Asim Yasin, 2016. Assessment of Welfare of Working Donkeys and Mules Using Health and Behavior Parameters. Journal of Agricultural Science and Food Technology Vol. 2 (5), pp. 69-74.
20. Javed MZ, Sharif M, Bhatti SA, Bilal MQ, Ahmed F, Rehman MS, Tariq M. 2016. Nutrient intake, nitrogen balance and growth performance in buffalo calves fed citrus pulp as a concentrate source. Afr J Agric Res.11:2562 –2568.
21. Cheema, U.B., Younas, M., Sultan, J.I., Iqbal, A., **Tariq, M.** and Waheed, A., 2011. An alternative of antibiotics Anti microboal peptides: in ruminants. Advances in Agricultural Biotechnology, 2, 15-21.
22. Cheema, U.B., Younas, M., Sultan, J.I., Virk, M.R., **Tariq, M.** and Waheed, A., 2011. Fodder tree leaves: an alternative source of livestock feeding. Advances in Agricultural Biotechnology, 2, 22-23.

List of Research Papers Published in HEC Recognized Journals

23. Imran, M., Tariq, M., Zia-Ur-Rehman, M.H., Usman, M., Abbas, G., Tahir, M.N., Saleem, M.I., Alam, W., Khan, S., Almalki, R.S. and Saleem, M.M., 2023. Methicilline Resistant Status of Coagulase Negative Staphylococcus Isolated from Bovine Mastitis. Pakistan Journal of Science 75 (3). 617-620
24. Ijaz, M. U., Rafi, Z., Hamza, A., **Tariq, M.**, Alkahtani, S., Alkahtane, A. A., & Riaz, M. N. (2023). Tectochrysin Attenuates Cisplatin-induced Hepatotoxicity by Restoring Biochemical, Inflammatory and Histological Profile in Rats. (**Category X, IF=1.82**). Ijaz MU, Rafi Z, Hamza A, **Tariq M**, Alkahtani S, Alkahtane AA, and Riaz MN, 2023. Tectochrysin attenuates cisplatin-induced hepatotoxicity by restoring biochemical, inflammatory and histological profile in rats. Pak Vet J, 43(2): 366-370. <http://dx.doi.org/10.29261/pakvetj/2023.029>
25. Çelak, O., **Tariq, M.**, Sultan, Z., Sagdic, O., Yousaf, M., & Abbas, G. (2023). Efficacy of TUVa a growth biostimulant growth regulator based on plant origin amino acid blend and its impact on the performance of Tomato, Cucumber, and Paprika (Bell pepper) under Greenhouse Conditions. *Pakistan Journal of Science*, 75(1). <https://pjosr.com/index.php/pjs/article/download/835/772>.
26. **Tariq, M.**, G. Abbas, S. Ahmad, R. Mustafa, H. Sultan, M. Abdullah, I. Hussain, M. Arshad, U. Bashir Cheema and S. U. Hassan. 2022. Effect Of Supplementation Of Minerals On The Productive And Reproductive Performance Of Lactating Cattle And Buffalo. Pakistan Journal of Science: 74 (4). 425-428.
27. Abbas G, Arshad M, Saeed M, Imran S, Kamboh AA, Al-Taey DK, Aslam MA, Imran M M, Tanveer AJ, Qureshi RAM, Arshad M, Niazi HAK, **Tariq M**, Abbas S .2022. An update on organic acids in broiler and layer production. J. Anim. Health Prod. 10(3): 273-286. (**Category Y, IF=0.71**)

28. **Tariq, M.**, S. Ahmad, G. Abbas, R. Mustafa, H. Sultan, M. Abdullah, M. F. Khalid, U. B. Cheema M. Arshad and R. A. M. Qureshi. 2022. Pakistan Meat Industry: Prospects and Challenges for the Future Meat Supply Chain Potential. Pakistan Journal of Science: 74 (1). 1-11 (**Category Y, IF=0.00**)
29. Abbas, G., S. Jaffery , A. H. Hashmi, M. Arshad , S. J. Usmani , M. S. Imran , A. Taweer, **M. Tariq** , M. Saleem¹ , M. Arshad¹ , Q. Amin¹ , A. A. Khan¹ , M. A. Alvi¹⁴ , S. B. Shabbir⁶ , R. A. M. Qureshi, A. Mustafa , T. A. Iqbal , A. Iqbal , M. Hassan , Sikandar Abbas , R. Zafar , Waseem Abbas, H. Abbas , S. G. Mohyyuddin, W. Ismail, D. K. A. ALTaey and B. Shaukat. 2022. Current Prospects of Nanotechnology Uses in Animal Production and Its Future Scenario. Pakistan Journal of Science: 74 (3). 204-222 (**Category Y, IF=0.00**)
30. Basharat, M.H., **Muhammad Tariq**, Riaz Mustafa, Amar Akash, Hafiza Hira Talib, Muhammad Nouman Aziz, Anadil Noel, Adnan Zeb, Muhammad Farooq Khalid, Fakhra Soomro, Qudsia Mushtaq, Mehreen Fatima. 2022. Biologically Synthesized Zinc Oxide Nanoparticles and Carbon Tetrachloride as an Anti Cancer Drug: A Review. Pakistan Journal of Medical & Health Sciences: 16(6). 1046-1049. (**Category Y, IF=0.07**).
31. Bilal, A., Ahmad, S., Nisa, F. U., Ali, F., Ramzan, K., Tariq, M., & Saleem, M. (2022). Role of tumor necrosis factor- α (TNF- α) In Gastric Cancer: Single Nucleotide Polymorphisms Analysis-An In-Silico Study. The Journal of Microbiology and Molecular Genetics, 3(3), 191-206. , 3(2), 105-121.
32. Bilal, A., Ahmad, S., Tanvir, F., Tariq, M., Ramzan, K., Saleem, M., & Saleem, H. G. M. (2022). Predictive Modeling of N-Acetyl Transferase 2 Single Nucleotide Polymorphisms and Breast Cancer Risk Using In-Silico Approaches. The Journal of Microbiology and Molecular Genetics, 3(3), 191-206.
33. Tariq, M., A. Buerkert, M. Younas and E. Schlecht. 2021. Feed use efficiency in small- scale peri-urban dairy herds of Faisalabad, Punjab, Pakistan. Pak. J. Agri. Sci. 58:1903-1912. (**Category X, IF= 0.679**)
34. Bhutta MF, Tariq M, Tunio MT, Sufyan A, Rauf HA, Javed M, Imran S (2020). Season induced changes in seminal characteristics of sahiwal breedingbulls. Adv. Anim. Vet. Sci. 8(6): 601-607.
35. Karadas, K., **Tariq, M.**, Tariq M.M. and E. Eydurhan, 2017. Measuring Predictive Performance of Data Mining and Artificial Neural Network Algorithms for Predicting Lactation Milk Yield in Indigenous Akkaraman Sheep. Pakistan journal of zoology 49(1):1-7. (**Category X, IF=0.547**)
36. **Tariq, M.**, M. Younas, **Luc H. Dossa, A. Burkert and Schlecht, E. 2015**. Structural characterization of dairy production systems in Faisalabad, Punjab Pakistan as basis for their efficient resource management. Pak. J. Agri. Sci. Vol 51(4). 1169-1180. (**Category X, IF=0.679**)
37. **Tariq, M.**, Younas, M., Khan, A.B. and Schlecht, E., 2013. Body measurements and body condition scoring as basis for estimation of live weight in Nili-Ravi buffaloes. Pakistan Veterinary Journal 33(3), 325-329. (**Category X, IF= 1.83**)
38. Ahmad, S., Yaqoob, M., Hashmi, N., Ahmad, S., Zaman, M.A. and **Tariq, M.**, 2010. Economic importance of camel: a unique alternative under crisis. Pakistan Veterinary Journal, 30(4), 191-197. (**Category X, IF= 1.83**).
39. Nawaz H., Abdullah, M., Yaqoob, M., Baber, M.E., Jabbar M.A. and **Tariq, M.**, 2012. Metabolic effects of feeding different sources of supplement fat to lactating Nili-Ravi buffaloes. Journal of Animal and Plant Sciences, 22(3 Suppl.): 2012, Page: 288-295. (**Category Y, IF= 0.57**)
40. **Tariq M.**, M. I. Mustafa, A. Iqbal and H. Nawaz. 2008. Milk marketing and value chain constraints. Pakistan Journal of Agricultural Sciences 45(2), 195-200. (**Category X, IF=0.679**)
41. Iqbal, A., Khan, B.B., **Tariq, M.** and Mirza, M.A., 2008. Goat, A potential Dairy Animal: Present and Future Aspects. Pakistan Journal of Agricultural Sciences 45(2), 227-230. (**Category X, IF=0.679**).

Articles in scientific proceedings and seminars:

- Tariq, M** and Hameed, A., 2023. Yak (*Bos grunniens*): The mammal of socio-economic importance in Gilgit- Baltistan, Pakistan. **Accepted as Oral Presentation on XXV International Grassland Congress** May 14-19, 2023, in Covington, Kentucky, USA.
- Tariq, M 2023.** Challenges and Opportunities for Sustainable Livestock Production in the context of Socioeconomic and Food Security in Northern Areas of Pakistan. **Accepted as Oral Presentation on XXV International Grassland Congress** May 14-19, 2023, in Covington, Kentucky, USA.
- Tariq, M.** 2021. Managing feeding resources and opportunities for improving feed use efficiency in peri-urban dairy production systems in Pakistan. International Symposium on Sustainable Animal Production And Health Current Status and Way Forward 28 June – 2 July 2021. Proceeding. Pp 245-246.
- Hameed, A., **Tariq, M.**, Buerkert, A. and Schlecht. E., 2021. Utilisation of alpine rangelands by yak and small ruminants in Gilgit-Baltistan, Pakistan. Presented at “The Joint International Grassland and International Rangeland Congress” held on 23 October - 29 October, 2021 at Kenyatta International Convention Centre, Nairobi, Kenya.
- Tariq, M.** 2021. Managing feeding resources and opportunities for improving feed use efficiency in peri-urban dairy production systems in Pakistan. International Symposium on Sustainable Animal Production And Health Current Status and Way Forward 28 June – 2 July 2021. Proceeding. Pp 245-246.
- Tariq, M.** 2021. Growth performance and carcass quality of lohi lambs reared under different feeding systems in Pakistan. International Symposium on Sustainable Animal Production And Health Current Status and Way Forward 28 June – 2 July 2021. Proceeding. Pp 247-248.
- Tariq, M.** and Mustafa, M.I., 2007. Effect of production system and sexual status on Growth performance and carcass composition of Lohi lambs. A paper Presented in International conference on “The 2007 South Asia and South East Asia Forum: Capacity Building in Science and Technology, Policy Perspective, Challenges and Opportunities” was held in New Delhi, from 27 to 29th November, 2007.
- Tariq, M.** and Mustafa, M.I., 2008. Milk consumption, marketing and status of dairy industry in Pakistan. Presented in National conference on Agriculture Challenges, Opportunities and options Under Free Trade Regime on May 28-29, 2008. Organized by WTO Cell & Agricultural Policy Forum University of agriculture, Faisalabad.
- Tariq, M.** and Mustafa, M.I., 2008. Pakistan Meat Industry Prospects, Challenges, Policies and Future Strategies. Presented in National conference on Agriculture Challenges, Opportunities and options Under Free Trade Regime on May 28-29, 2008. Organized by WTO Cell & Agricultural Policy Forum University of agriculture, Faisalabad.
- Ahmad, S. and **Tariq, M.**, 2008. Importance of camel as dairy animal in Pakistan. Presented in National conference on Agriculture Challenges, Opportunities and options Under Free Trade Regime on May 28-29, 2008. organized by WTO Cell & Agricultural Policy Forum University of agriculture, Faisalabad.
- Mustafa, M.I., **Tariq, M.**, and Lateef. M., 2008. A comparison of concentrate and fodder based finishing diets on the performance carcass composition and meat quality of Lohi and Sipili lambs. Presented in International Livestock and Poultry Congress 2008, held at Awan-e-Iqbal Lahore in Feb. 2008, Pakistan.
- Tariq, M.**, Younas, M. and Ahmad S., 2013. Effect of feeding levels of mineral and vitamins on performance of dairy animals. Accepted for presentation during the conference program October 3-5, 2013, Tekirdag, Turkey.
- Tariq, M.**, Ahmad S., Cheema UB. and Shafiq M. 2013. Effect of feeding levels of mineral and vitamins on performance of lactating cattle and buffalo. Accepted article for **ORAL PRESENTATION** in 2nd International Workshop on Dairy Science Park, going to be held in Peshawar Pakistan during Nov. 18-20, 2013.
- Tariq M.**, Younas M., Ahmad S. and Shafiq M. 2013. Prospects of livestock production and its role in poverty alleviation in PAKISTAN. Accepted article for **ORAL PRESENTATION** in 2nd

International Workshop on Dairy Science Park, going to be held in Peshawar Pakistan during Nov. 18-20, 2013.

Tariq M. and Hagmann, J. 2013. Existing feeding strategies and nutritional status of lactating buffalo and cattle managed by (peri-) urban dairy farmers in Faisalabad, Pakistan. Accepted article for **ORAL PRESENTATION** in 2nd International Workshop on Dairy Science Park, going to be held in Peshawar Pakistan during Nov. 18-20, 2013.

Tariq M. and Waheed, A. 2013. **Availability of e-resources for goat research in PAKISTAN.** Accepted article for **POSTER PRESENTATION** in 2nd International Workshop on Dairy Science Park, going to be held in Peshawar during Nov. 18-20, 2013.

Tariq, M., Bilal, G., Waheed, A., Younas, M. and. Cheema, U.B. 2013. Importance of water for buffalo production. Accepted article for **POSTER PRESENTATION** in 2nd International Workshop on Dairy Science Park, going to be held in Peshawar Pakistan during Nov. 18-20, 2013.

Abstracts in scientific proceedings and seminars:

1. Hagmann, J., Tariq, M. and Schlecht, E., 2010. A Contribution from Europe" Factors Influencing Producer Milk Prices in Peri-urban Faisalabad, Punjab Province, Pakistan. In proceeding of: Tropentag, September 14-16, 2010, At Zurich.
2. Muhammad Tariq, Adil Farooq, Eva Schlecht, 2018. Status of Clean Milk Production in Faisalabad, Punjab, Pakistan. Tropentag, September 17 - 19, 2018 in Ghent, Belgium.
3. Rabia, M., Sultan, J.I., Cheema, U.B, and Tariq, M., 2010. Effects of acetic acid supplementation on intestinal weight, length and growth performance of broiler chicks. Published in Abstract Book. 30th Pakistan Congress of Zoology (International), University of Agric. Faisalabad. Pp-222.
4. Raza, M.A., Bachaya, H.A., Murtaza, NS., Zaman, M.A., Tariq, M., Qayyum, A. and Ali, M. 2010. Effect of age and sex on the prevalence of toxocara vitulorum. Published in abstract book National Conference on the strategies to improve red meat production in Pakistan. Faculty of Vet. Sciences, Bahauddin Zakariya University, Multan. Pp-36.
5. Ahmad, S., Yaqoob, M., Khan, M.K. and Tariq, M., 2010. Documentation of herd and reproductive profile of camel in Thal area of Pakistan. China Dairy Association 25th Annual Conference Breeding, August 11-14, 2010. Suzhou, China.
6. Saad Ullah, M., Sultan, J.I., Cheema, U.B. and Tariq, M. 2010. Effects of probiotic (protexintm) supplementation on intestinal length, weight, nutrient utilization and broiler performance. Published in Abstract Book. 30th Pakistan Congress of Zoology (International), University of Agric. Faisalabad. Pp-221.
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9. Tariq, M., Mustafa, M.I., Lateef, M. and Yaqoob, M., 2010. Growth performance of lamb fed concentrate and foraged based finishing diets. Published in Abstract Book. 30th Pakistan Congress of Zoology (International), University of Agric. Faisalabad. Pp-228.
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Bahauddin Zakariya University, Multan. Pp-48.

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20. Waheed, A., Khan, S.M., Ahmed, A.N., Chaudhary, Z.A., Hayat, S.C., Tariq, M. and Ayaz, M. 2010. Phenotypic study on goats in Pakistan. Published in abstract book National Conference on the strategies to improve red meat production in Pakistan. Faculty of Vet. Sciences, Bahauddin Zakariya University, Multan. Pp-55.
21. Waheed, A., Tariq, M. and Tariq. M.M., 2012. Growth Modeling of Teddy goat thriving under desert conditions. Genetic, Selection, Breeds, Genome Section. XI International Conference on Goats Gran Canaria, Spain, 23-27 September 2012. Pp-173
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23. Waheed, A. Khan, M.S. and Tariq, M., 2012. Lactation Curve Parameters in Teddy Goats Using Wood's Model. Genetic, Selection, Breeds, Genome Section. XI International Conference on Goats Gran Canaria, Spain, 23-27 September 2012. Pp-204.
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27. Waheed, A., M. Tariq, S. Ahmad, G. Bilal and M. Sharif., 2014. Utilization of E-resources for surveillance of parasitic infestations in Pakistan. International conference on Advances in

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 42. Abdul Waheed, Muhammad Tariq and Faisal Ayub Kiani, 2015. Reproductive Traits of Camel Breeds Found in Pakistan. International Symposium on Camel Management and Reproduction (December 23-24, 2015). Pp-19.
 43. Muhammad Tariq and Zahoor Amad, 2015. Dairying: An effective tool for food security in Pakistan and its role in national economy through dairy entrepreneurship. International

- Conference on Opportunities and Challenges in Dairy Industry. (Nov. 25-27, 2015). Pp. 25
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 47. Zia Ur Rehman, M. Tariq, A. Waheed, P. Akhtar, M.Usman, W.Shafiq, S. Ahmad and B. Mustafa, 2016. Portrayal of rural poultry production system in pastoral areas of Punjab, Pakistan. International Livestock, Dairy and Poultry Congress ILDP (March 16-17, 2016). Pp-28.
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 50. Mustafa, B., S. Ahmad, M. Tariq, U. H. Khan. Avian Reo-viral infections: An emerging viral threat to poultry industry of Pakistan. International seminar on Poultry Diseases (14-15 Dec. 2015 UAF-Pakistan) Pp. 138.
 51. Muhammad Tariq and Mian Muhammad Owais, 2015. Role of Dairying in food Sovereignty in Pakistan. International Livestock, Dairy and Poultry Congress ILDP (March 16-17, 2016). Pp-01.
 52. Muhammad Tariq, Sibtain Ahmad, Ali Hasan, M. F. Khalid, Ansar Abbas and Fahad Arshad., 2016. Backyard poultry and its role in the livelihood of rural people in district Toba Tek Singh Pakistan. International Livestock, Dairy and Poultry Congress ILDP (March 16-17, 2016). Pp-05.
 53. Muhammad Tariq, Bahar-E-Mustafa, Umair Hassan Khan, Muhammad Ashraf and Muhammad Adnan Ashraf, 2016. Factors responsible for considerable losses due to foot and mouth disease in Pakistan. International Livestock, Dairy and Poultry Congress ILDP (March 16-17, 2016). Pp-27.
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 55. Tariq, M., Sibtain Ahmad, Haq Nawaz, Abdul Waheed, Pervez Akhtar, 2015. Biological role of water in buffalo production. 8th Asian Buffalo Congress to be held in Istanbul, Turkey during 21 April 2015 - 25 April 2015. (Accepted for poster presentation).
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 58. Waheed, A., Muhammad Tariq, Muhammad Masood Tariq, Muhammad Amjid, Haq Nawaz, 2015. Estimation of effects some non-genetic factors on milk production in Nili-Ravi buffaloes in Pakistan. 8th Asian Buffalo Congress to be held in Istanbul, Turkey during 21 April 2015 - 25 April 2015. (Accepted for Oral presentation).
 59. Bashir, M. K. Pervez Akhtar, Muhammad Farooq Khalid, Muhammad Tariq, Muhammad Latif, 2015. Estimated Breeding Values and Sire ranking of Nili-Ravi buffaloes for 305-days milk yield in Pakistan. 8th Asian Buffalo Congress to be held in Istanbul, Turkey during 21 April 2015 - 25 April 2015. (Accepted for Oral presentation).
 60. Zia Ur Rehman, M. Tariq, A. Waheed, P.Akhtar, M.Usman, W.Shafiq, S. Ahmad and B. Mustafa, 2016. Portrayal of rural poultry production system in pastoral areas of Punjab, Pakistan. International Livestock, Dairy and Poultry Congress ILDP (March 16-17, 2016). Pp-

- 28.
61. Abdul Waheed, Muhammad Tariq and Mohammad Masood Tariq, 2016. Miseries of livestock production in Pakistan. International Livestock, Dairy and Poultry Congress ILDP (March 16-17, 2016). Pp- 06.
62. Muhammad Tariq, 2016. Dairying in food sovereignty and feed and fodder scenario in Pakistan. Accepted in International Conference, ISAPM January 18-31, 2016. Held in Hyderabad, India.
63. Rehman, S.U., M. Farrukh, P. Akhtar, M.K. Bashir, M.F. Khalid, U. Farooq, S. Ahmad and M. Tariq. 2016. Poultry management system – An information technology based poultry farm management tool for poultry farmers. Pp.39.
64. Ahmad, S., P. Akhtar, M. Tariq and S.U. Rehman. Potato and its products: A future source of biogas production. International workshop on sustainable energy solutions for community development in Pakistan (November 08-09, 2016). Pp. 58.
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67. Ahmad, S., M. Tariq, M. Rizwan, B. Ayub and P. Akhtar. Nutrigenomic evaluation of herbal growth promoter: growth performance, carcass characteristics and hematology in broiler. International symposium of genetics and human phenomics, May 11-13, 2016. Pp. 39.
68. Ahmad, S., M. Tariq, M. Rizwan, B. Ayub and P. Akhtar. 2016. Nutrigenomic evaluation of herbal growth promoter: growth performance, carcass characteristics and haematology in broiler. Accepted for the ICGEB Workshop on Genomes and Phenome to be held on May 11-13, 2016 (Poster presentation and Abstract).
69. Muhammad Tariq, Adil Farooq, Eva Schlecht, 2018. Status of Clean Milk Production in Faisalabad, Punjab, Pakistan. Tropentag, September 17 - 19, 2018 in Ghent, Belgium.
70. Muhammad Asif Hameed, Muhammad Tariq, Eva Schlecht, 2018. The Role of Yak for the Livelihood of the People of Gilgit-Baltistan, Pakistan Tropentag, September 17 - 19, 2018 in Ghent, Be
71. Muhammad Tariq, Bahar-E-Mustafa, Pervez Akhtar, Muhammad Khalid Bashir, Shahid-ur-Rehman. 2017. Safety system and safety risk measures at farm level concerning zoonoses under one health approach. One Health International Conference (OHC-2017) at CVAS Jhang. November 13-15, 2017 Pp. 123
72. Muhammad Tariq, Bahar-E-Mustafa, Muhammad Sharif, Pervez Akhtar, Shahid-ur-Rehman. 2017. One health approach and awareness level of dairy farmers in peri-urban areas of Punjab, Pakistan. One Health International Conference (OHC-2017) at CVAS Jhang. November 13-15, 2017 Pp. 124
73. Muhammad Tariq, Bahar-E-Mustafa, Umar Farooq Muhammad Khalid Bashir, Muhammad Ashraf, Muhammad Auon, Riaz Mustafa. 2017. Food-borne bacterial infections transmitted from farm animals. One Health International Conference (OHC-2017) at CVAS Jhang. November 13-15, 2017 Pp. 125.
74. Muhammad Asif Hameed, Muhammad Tariq, Eva Schlecht, 2018. The Role of Yak for the Livelihood of the People of Gilgit-Baltistan, Pakistan Tropentag, September 17 - 19, 2018 in Ghent, Belgium.
75. Muhammad Tariq, Muhammad Qamar Bilal. 2019. Buffalo A Major Dairy Animal: It's Socioeconomic Impacts and Role in Food Security in Rural Areas of Pakistan. 12th World Buffalo Congress. Istanbul Turkey, 18-20 September, 2019 Pp 52.
76. Muhammad Tariq, Bahar-e-Mustafa and Sibtain Ahmad, 2019. On farm green energy production through anaerobic digestion technology an effective livestock waste management tool. International Conference on Green Energy Technologies (GET) October 29-30, 2019. ISBN. 978-969-9035-18-0. ICDD, Germany and University of Agriculture, Faisalabad. Pp. 46
77. Muhammad Tariq, Waseem Amjad, Uzman Bashir Cheema, Zia Ur Rehman and Wasif Shafique. 2019. Prospects of sustainable rural development through renewable energy production in Pakistan. International Conference on Green Energy Technologies (GET)

October 29-30, 2019. ISBN. 978-969-9035-18-0. ICDD, Germany and University of Agriculture, Faisalabad. Pp. 36

78. Abdul Ghani and Muhammad Tariq, 2019. Design, Fabrication and Exhaust Gases Analysis of Corn Cob Feeding Unit installed with Steam Boiler. International Conference on Green Energy Technologies (GET) October 29-30, 2019. ISBN. 978-969-9035-18-0. ICDD, Germany and University of Agriculture, Faisalabad. Pp. 49.

79. Muhammad Tariq, Abdul Ghani, Bahar-e-Mustafa, M. Ashraf, Sibtain Ahmad and Riaz Mustafa. 2019. Green Energy Technologies: Need of the Hour. International Conference on Green Energy Technologies (GET) October 29-30, 2019. ISBN. 978-969-9035-18-0. ICDD, Germany and University of Agriculture, Faisalabad. Pp. 38.

STUDENTS SUPERVISION

1.	Ph.D. Students (Completed) (As Major Supervisor)	=	1
2.	Ph.D. Students (On going) (As Major Supervisor)	=	1
3.	Ph.D. Students (Completed) (Thesis Committee Member)	=	1
4.	Ph.D. Students (on going) (Thesis Committee Member)	=	2
5.	M.Sc. (Hons.) Students (Completed) (As Major Supervisor)	=	22
6.	M.Sc. (Hons.) Students (On going) (As Major Supervisor)	=	7
7.	M.Sc. (Hons.) Students (Completed) (Thesis Committee Member)	=	20
8.	M.S (Hons.) Students (On going) (Thesis Committee Member)	=	6
9.	BSc (Hons) Internship supervised as Internal/External Supervisor	=	70

CITATIONS OF RESEARCH WORK ON VARIOUS DATABASES

On Google Scholar: Total citations: 681, h index: 13

CONFERENCES ATTENDED:

Conference attended: 25

RESOURCE PERSON IN TRAININGS/WORKSHOPS

- a) Resource Person in a training: 5
- b) Resource Person in a workshops: 5

ORGANIZER /MEMBER COMMITTEE OF NATIONAL AND INTERNATIONAL SCIENTIFIC EVENTS

1. Organized a one day workshop on research planning, data handling and interpretation on May 8, 2016 as coordinator
2. Organized one day seminar on different aspects of livestock production for the livestock farmers in the peri-urban area of Toba Tek Singh in December, 2016
3. Delivered a lecture to Sahiwal Cattle Breeders on care and management of Sahiwal Cattle at RCCSC Jhang.
4. Member organizing committee "one Day Workshop on water, soil, fish quality management (AQUACULTURE) at UAF Sub-Campus Toba Tek Singh 25-04-2019.
5. Member organizing committee world egg day at UAF Sub-Campus Toba Tek Singh 25-04-2019.
6. Convener Interactive session on livestock production practices for enhanced productivity day at UAF Sub-Campus Toba Tek Singh 23-04-2018.
7. Member organizing committee White Revolution need of the Hour at UAF Sub-Campus Toba Tek Singh 14-15 March, 2018.
8. Member organizing committee Farmers Training Program and Bull Cart Race at UAF Sub-Campus Toba Tek Singh 5-6 April, 2018.
9. Member Organizing Committee for Fancy Birds Show (Jashan-e-Baharan; 8-10th March-2016)
10. Organizer in Series of Seminars on Different aspects of Poultry Production at UAF Sub- Campus Toba Tek Singh by faculty members.
11. Member organizing committee "Goat Milk Competition at UAF Sub-Campus Toba Tek Singh 22-23, November, 2018.
12. Member organizing committee and Speaker in One Day Seminar "How to Give Good Talk" 15, November, 2018.

Training, Extension and Outreach

- I. Developed Extension Material for Dairy and Livestock Farmers
- II. Training of Dairy Farmers for best Dairy Practices
- III. Training of bull owners on Welfare of racing bulls

SALIENT OFFICIAL ASSIGNMENTS, ADVISORY AND ADMINISTRATIVE SERVICES

1. **Associate Hall Warden UAF Sub-Camps Toba Tek Singh 2016-2022**
2. **Associate Director Student Affaire UAF Sub-Camps Toba Tek Singh 2016-2022**
3. **State Care In charge** UAF Sub-Campus Toba Tek Singh from 2014 till date.
4. **Associate Hall Warden** UAF Sub-Campus Toba Tek Singh 2022.
5. **Coordinator BS ANIMAL SCIENCES** degree program UAF Sub-Campus Toba Tek Singh
6. **Coordinator LAD Programm 2016-2018** UAF Sub-Campus Toba Tek Singh
7. **Convener Quality Control** Canteen UAF Sub-Campus Toba Tek Singh
8. **Convener Wheat Harvesting and Sale Committee** 2014 and 2015 UAF Sub-Camps T.T Singh.
9. **Convener Seminar Committee** UAF Sub-Camps Toba Tek Singh
10. **Convener Cotton harvesting and Sale Committee** 2015-16 UAF Sub-Camps Toba Tek Singh
11. **In charge short courses** UAF Sub-Camps Toba Tek Singh
12. **In charge Outreach Program** UAF Sub-Camps Toba Tek Singh
13. Convener purchase committee in ICDD funded project "Urbanization of agricultural land, fodder and dairy production, and resource use efficiency at the rural-urban interface in Pakistan and India".
14. **Nominated as focal person** to coordinate District Livestock Officer for Vet services with mobile Vet. Dispensary in Toba Tek Singh.
15. Member canteen auction committee UAF Sub-Camps Toba Tek Singh.
16. Deputy Superintendent to conduct 1st and 2nd Entry Test for the academic session 2018-19
17. Deputy Superintendent to conduct 2nd Entry Test for the academic session 2019-20.
18. Deputy Superintendent to conduct 2nd Entry Test for the academic session 2020-21
19. Deputy Superintendent to conduct 2nd Entry Test for the academic session 2020-22

DEVELOPMENT OF INTERNATIONAL COLLABORATIONS

1. Collaborated with International Centre for Development and Decent Work (ICDD, DAAD), Germany

Outcome

- Did a collaborative project under ICDD : "**Urbanization of agricultural land, fodder and dairy production, and resource use efficiency at the rural-urban interface in Pakistan and India**"
- Awarded One PhD (Project) Scholarship "**The importance of yak husbandry and yak milk production for rural livelihoods in the Gilgit Baltistan region of Karakoram, Pakistan.**"
- Won Four master thesis grants (MSc. Projects) for Pakistani Students worked on **Agriculture and livestock production systems in Hunza, Karimabad in GB area**, on different aspects of decent work in dairying and clean milk production in peri-urban areas of Punjab.
- One working paper on "**clean milk production**" in final review stage

2. Collaboration with **Krishna Parshad Acharya** from **Animal Quarantine Office (AQO), Budhanilakantha, Kathmandu, Nepal**

Outcome

- Published a 3 papers in collaboration on different aspects of **Rabies, One Health, Zoonosis in Elsevier Journals**
- Paper submitted on **Possible Consequences of Climate Change on Survivability, Productive and Reproductive Performance of YAK (BOS GRUNNIENS)** in Journal Nature conservation.

3. Collaboration with **Dr. Amy Maclean and Dr. Eric Davis** University of California Davis, USA and worked on different aspects of **Working Donkey Welfare**.

Member of Editorial Board of periodicals/peer reviewed journals

- a) Editor Monthly **Magazine Farmer Reformer** ISSN 2519-7835
- b) Member Editorial Board Bahri Dagdas Animal Research / Bahri Dağdaş Hayvancılık Araştırma Dergisi

Reviewer of peer reviewed journals with impact factor (Performed 56 reviews in the tenure)

1. International Journal of Environment (IJE)
2. The Indian Journal of Animal Sciences
3. Journal of Agriculture and Rural Development in the Tropics and Subtropics, Germany
4. Pakistan Journal of Agricultural Sciences

Extension articles:

- 30 Urdu articles published on different aspects of Livestock and Dairy production in national Magazines and newspapers.
- 20 English articles published in national newspapers and magazines.

Conference Attended:

1. Tropentag, September 17 - 19, 2018 in Ghent, Belgium.
2. International Conference on Foods of Animal Origin. March 30-31, 2017
3. International Conference on Poultry Processing-Farm to Fork. 1-2 Nov. 2017.
4. International Conference on Poultry Processing-Farm to Fork. 1-2 Nov. 2017.
5. One Health International Conference (OHC-2017) at CVAS Jhang (November 13-15, 2017).
6. Tropentag, 2017 Bonn Germany.
7. International Conference about the Future of Livestock Keeping, Bonn, Germany, 6-7 September 2012
8. Tackling the Future Challenges of Organic Animal Husbandry; 2nd Organic Animal Husbandry Conference, Hamburg-Trenthorst, 12-14 September 2012.
9. Conference, Hamburg-Trenthorst, 12-14 September 2012.
10. Tropentag, Göttingen, Germany, 19-21 September 2012
11. XI International Conference on Goats, Gran Canaria, Spain, 23-27 September 2012
12. Tropentag, Bonn, Germany, 5-7 October 2011
13. Tropentag, Zurich, Switzerland, 14-16 September 2010
14. ICGEB Workshop on Genomes and Phenome to be held on May 11-13, 2016 **(Poster Presentation)**.
15. Conference on Poultry Processing, 1-2 November 2017, University of Veterinary and Animal Sciences, Lahore, Pakistan. **(Oral Presentation)**.
16. Conference on Poultry Processing, 1-2 November 2017, University of Veterinary and Animal Sciences, Lahore, Pakistan. **(Oral Presentation)**.
17. Muhammad Tariq, Muhammad Tariq, Pervez Akhtar, Muhammad Nafees, Eva Schlec.
18. Tropentag, September 20-22, 2017, Bonn, Germany. Abstract (ID: 1070). **(Poster Presentation)**
19. Fourth International Workshop (MGIBR2018). February 25, 2018, in the Principal Auditorium, Faculty of Medicine, University of Tlemcen, Algeria. **(Oral Presentation)**.
20. 6th Donkey Welfare Symposium (DWS), at the University of California, Davis, California, USA. October 26, 27, and 28 of 2018. **(Oral Presentation)**.
21. International Conference on Renewable Energy. TMREES/OP/19. 6-7th February. Department of Chemistry, University of Agriculture, Faisalabad. Pp 28 **(Oral Presentation)**.
22. Buffalo Congress (IBC) 18-20th February, 2019. Journal of Veterinary and Animal Sciences. Pp. 29 **(Oral Presentation)**.
23. Conference on Innovation in Agriculture, Nourishing Pakistan in Changing Climate February 13 -15, 2019 University of Agriculture Faisalabad, Pakistan. Proceeding. Pp 40. <http://uaf.edu.pk/downloads/events/120219Conference%20on%20INNOVATIONS%20IN%20AGRICULTURE.pdf>
24. Conference on Innovation in Agriculture, Nourishing Pakistan in Changing Climate February 13 -15, 2019 University of Agriculture Faisalabad, Pakistan. Proceeding. Pp 212. <http://uaf.edu.pk/downloads/events/120219Conference%20on%20INNOVATIONS%20IN%20AGRICULTURE.pdf> **(Poster Presentation)**

25. Tropentag, September 18-20, 2019, Kassel, Germany
https://www.tropentag.de/2019/abstracts/links/Schlecht_k78yailJ.pdf.
 Presentation). (Poster)

OFFICIAL ASSIGNMENTS, ADVISORY AND ADMINISTRATIVE SERVICES

1. **Associate Director Student Affaire UAF Sub-Camps Toba Tek Singh**
2. **State Care In charge** UAF Sub-Campus Toba Tek Singh from 2014 till date.
3. **Convener Wheat Harvesting and Sale Committee** 2014 and 2015 UAF Sub-Camps T.T Singh.
4. **Convener Seminar Committee** UAF Sub-Camps Toba Tek Singh
5. **Convener Cotton harvesting and Sale Committee** 2015-16 UAF Sub-Camps Toba Tek Singh
6. **In charge short courses** UAF Sub-Camps Toba Tek Singh
7. **In charge Outreach Program** UAF Sub-Camps Toba Tek Singh
8. Convener purchase committee in ICDD funded project "Urbanization of agricultural land, fodder and dairy production, and resource use efficiency at the rural-urban interface in Pakistan and India".
9. **Nominated as focal person** to coordinate District Livestock Officer for Vet services with mobile Vet. Dispensary in Toba Tek Singh.
10. Member canteen auction committee UAF Sub-Camps Toba Tek Singh.
11. Deputy Superintendent to conduct 1st and 2nd Entry Test for the academic session 2018-19
12. Deputy Superintendent to conduct 2nd Entry Test for the academic session 2019.

EDITORIAL AND ADVISORY SERVICES FOR PEER REVIEWED PERIODICALS

Member of Editorial Board of periodicals/peer reviewed journals

1. Editor Monthly **Magazine Farmer Reformer** ISSN 2519-7835
2. Member Editorial Board Bahri Dagdas Animal Research / Bahri Dağdaş Hayvancılık Araştırma Dergisi

Reviewer of peer reviewed journals with impact factor (Performed 56 reviews in the tenure)

1. International Journal of Environment (IJE)
2. The Indian Journal of Animal Sciences
3. Journal of Agriculture and Rural Development in the Tropics and Subtropics

Memberships:

1. IFOAM, 2012-2013 (International Federation for Organic Agriculture Movements)
2. IGA, 2012-2013 (International Goat Association)
3. Pakistan Animal Husbandry Association
4. Pakistan Veterinary Medical Council

Trainings:

1. Grant Writing Workshop, Competitive Grants Program, Held on June, 1 2015. UAF.
2. Active Citizens Training of Facilitators at University of Agriculture, Faisalabad Held by British Council from 07 to 11 September, 2015.
3. Hybrid Course Design And Development" from October 18-21, 2016 At UAF
4. STATISTICA/Minitab Training for Biological Sciences, 2007.
5. Training on Livestock and Dairy Development Held at PARD, Peshawar, 2007
6. Training on Wool Analysis Techniques held at Wool Research Lab Bahawalpur, 2008.
7. Training on Slaughtering and Meat Cutting, Manila, Philippines (2008).
8. SPSS Training 2009, Department of Mathematics and Statistics, University of Agriculture, Faisalabad, Pakistan.

Memberships:

1. **PAH, 2004-05** (Pakistan Animal Husbandry)
2. **PVMC, 2005-06** (Pakistan Veterinary Medical Council)
3. **IFOAM, 2012-2013** (International Federation for Organic Agriculture Movements)
4. **IGA, 2012-2013** (International Goat Association)

Country Visited:

Germany, France, Switzerland, Belgium, Austria, Spain, India, Saudi Arabia, Kenya, Chek Republic, USA.