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Senior Lecturer (Grade 1) in Animal Science

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Academic Qualifications:

- Ph.D. (Animal Nutrition), Curtin University, Australia (2023).
- M.Sc. (Environmental Economics), University of Peradeniya, Sri Lanka (2003).
- M.Sc. (Agriculture), Kagawa University, Japan (1998).
- B.Sc. (Agriculture) Honours, University of Peradeniya, Sri Lanka (1992).

Area of Specialization:

- Livestock Nutrition
- Forage Production & Conservation
- Farming Systems

Special trainings:

- (1) Environmental Impact Assessment (EIA): Conducted by Institute of Environmental Professionals Sri Lanka (IEPSL) in collaboration with the Central Environmental Authority (CEA), Sri Lanka. (September 20 – 23, 2021).
- (2) International Diploma Animal Feed: Offered by Aeres Training Center International, Barneveld, The Netherlands. Obtained a Certificate for Outstanding Performance. (March 4 – May 28, 2019).
- (3) Dairy farming and entrepreneurship: Offered by Aeres University of Applied Sciences, Drontan, The Netherlands. (March 5 – May 25, 2018)
- (4) Molecular characterization of animals: Offered by Agricultural Biotechnology Centre (AgBC), University of Peradeniya, Sri Lanka. (December 6 – 10, 2004)
- (5) Nuclear and related methodologies for quantification of tannins in shrubs and tree leaves, agroindustrial by-products and other new feed resources: Jointly organized by IAEA, Vienna and Nuclear Institute for Agriculture and Biology, Pakistan. (December 1 – 12, 2003)
- (6) Teaching methodology: Offered by Staff Development Center (SDC), University of Peradeniya, Sri Lanka. (Six weeks from January - December, 2002)
- (7) International course on Livestock and environment interactions: Offered by International Agricultural Center (IAC), Wageningen University, The Netherlands. (November 26 – December 7, 2001)
- (8) Artificial Insemination (AI) in Poultry: Offered by Central Poultry Research Station (CPRS) of Veterinary Research Institute, Department of Animal Production and Health, Sri Lanka. (July 1 – 31, 1999)

Research Interests:

- Ruminant Nutrition and Production.
- Forage Production and Conservation.
- Nutritional and anti-nutritional properties in animal feed.
- Chemical, biological and Near Infrared Reflectance Spectroscopic (NIRS) methodologies in predicting the nutritional and anti-nutritional properties in ruminant feed.
- Livestock farming systems.
- Livestock and Environment Interactions.

Research Grants:

- (1) Principle Investigator (PI): Multidisciplinary Research Grant on “Isolation and characterization of forage ensiling bacteria and production of silage inoculant”.
Donor agency: University of Peradeniya
Grant No.: 381.
Period: 2023 – 2024 (on going).
- (2) Investigator: Research grant on “Development of an agronomic management package for fodder sorghum cultivation under lowland paddy fields during drier seasons in the dry zone of Sri Lanka”.
Donor agency: Sri Lanka Council for Agricultural Research Policy (SLCARP) of National Agricultural Research Plan (NARP)
Period: 2021 – 2023 (on going).
- (3) Co-investigator: Research grant on “In-vitro and vivo screening of newly introduced forages for sustainable intensification of dairy production in the context of climate change.
Donor agency: National Science Foundation (NSF)
Grant No.: RG/2017/AG/04.
Period: December 26, 2017 – March 25, 2022.
- (4) Principle Investigator (PI): Target Oriented Multidisciplinary Research grant on “Improving dairy industry to achieve self-sufficiency in milk”.
Donor agency: National Research Council (NRC) of Sri Lanka
Grant No.: NRC TO 14-10.
Period: September 28, 2014 – September 28, 2020.

Publications in Refereed Journals:

- (1) Weerasinghe, W.M.P.B., [Kumara Mahipala, M.B.P.](#), Herath, H.M.G.P. (2023). The association of dietary energy content on milk production and serum metabolites of early lactation temperate cross bred dairy cows fed on Guinea grass (*Panicum maximum*) based diets. *Tropical Agricultural Research*, 34(3). In print.
- (2) Hansini Harindrika Jothirathna, Thakshala Seresinhe, Ariyathilaka Manawadu, Piyathilak Weerasinghe, [Kumara Mahipala](#) (2022). Forage growth, yield, and quality responses of two hybrids of Napier and sorghum at three cutting intervals in the southern province of Sri Lanka. *Die Bodenkultur: Journal of Land Management, Food and Environment*, 73(1), 1-11. <https://doi.org/10.2478/boku-2022-0001>.
- (3) Ranaweera, K.K.T.N., [Mahipala, M.B.P.K.](#), Weerasinghe, W.M.P.B. (2020). Evaluation of energy balance in tropical and temperate crossbred dairy cows at post-partum transition stage: A case study. *Tropical Agricultural Research*, 31(2), 12-20.
- (4) Ranaweera, K., [Kumara Mahipala, M.B.P.](#), Weerasinghe, W. (2020). Influence of rumen bypass fat supplementation during early lactation in tropical crossbred dairy cattle. *Tropical Animal Health and Production*, 52, 1403-1411. <https://doi.org/10.1007/s11250-019-02140-5>
- (5) Thakshala Rupanjanie Seresinhe, Piyathilak Bandara Weerasinghe, Janith Sanjeewa, Hansini Harindrika, Ariyathilaka Manawadu, [Kumara Mahipala](#), Christine Iben (2020). Evaluation of silages of hybrids of napier grass and sorghum in the low country wet zone of Sri Lanka. *Die Bodenkultur: Journal of Land Management, Food and Environment*, 71(1), 11-18. <https://doi.org/10.2478/boku-2020-0002>
- (6) Herath, H.M.G.P., Ranaweera, K.K.T.N., Weerasinghe, W.M.P.B., [Kumara Mahipala, M.B.P.](#) (2018) Serum metabolic profile-based assessment of nutritional status of temperate crossbred, stall-fed, lactating dairy cows; A case study of a medium scale mid-country cattle farm. *Tropical Agricultural Research*, 29(2), 157-166.
- (7) Sarmini, M., Premaratne, S., Premalal, G.G.C., [Mahipala M.B.P.K.](#) (2017) Ensiling property and nutritional quality of Palmyrah (*Barassus flabellifer*) leaves incorporated corn (*Zea mays*) or sorghum (*Sorghum bicolor* L. moench) silage. *Tropical Agricultural Research*, 29(1), 25-31.
- (8) Rifky, A.L.M., Samaraweera, A.M., Jayasinghe, J.L.V.C., [Kumara Mahipala, M.B.P.](#) (2017). Case study: Factors affecting on milk production of contract farmers’ of the Swiss Cheese Company Private Limited in Nuwara-Eliya district. *International Journal of Research Publications (IJRP)*, 1(1), 1-12.
- (9) Upul Yasantha Nanayakkara Vithanage, Lokugam, H.P. Gunaratne, Kumara Mahipala, M.B.P., Hewa Waduge Cyril (2014). Comparison of technical efficiency and socio-economic status in animal-crop mixed farming systems in dry lowland Sri Lanka. *Asian Journal of Agriculture and Rural Development*, 4(1), 128-141.
- (10) Vithanage, U.Y.N., [Mahipala, M.B.P.](#), Gunaratne, L.H.P., Cyril, H.W. (2013). A comparison of animal-crop mixed farming systems in dry lowland Sri Lanka. *Livestock Research for Rural Development*, 25(9), Article #169. <http://www.lrrd.org/lrrd25/9/vith25169.htm>.
- (11) Nishany, K.B.M., Ramachandra, S., [Kumara Mahipala, M.B.P.](#), Jayawardane, V.P., Wijayagunawardane, M.P.B. (2013). Influence of energy balance on reproductive performance and milk production of dairy cows at pre-partum and early lactation periods. *International Journal of Animal and Veterinary Advances*, 5(3), 98-102.

- (12) Kumara Mahipala, M.B.P., Krebs, G.L., McCafferty, P., Naumovski, T., Dods, K., Stephens, R. (2010). Predicting the quality of browse-containing diets fed to sheep using fecal near infrared reflectance spectroscopy (fNIRS). *Animal Production Science*, 50(10), 925-930.
- (13) Kumara Mahipala, M.B.P., Krebs, G.L., McCafferty, P., Dods, K. (2009). Effects of increasing inclusion level of *Atriplex amnicola* in the diet of sheep. *Animal Production Science*, 49, 1029-1034.
- (14) Kumara Mahipala, M.B.P., Krebs, G.L., McCafferty, P., Dods, K., Suriyagoda, B.M.L.D.B. (2009). Faecal indices predict organic matter digestibility, short chain fatty acid production and metabolizable energy content of browse containing sheep diets. *Animal Feed Science and Technology*, 154(1-2), 68-75.
- (15) Kumara Mahipala, M.B.P., Krebs, G.L., McCafferty, P., Gunaratne, L.H.P. (2009). Chemical composition, biological effects of tannin and in-vitro nutritive value of selected browse species grown in the West Australian Mediterranean environment. *Animal Feed Science and Technology*, 153(3-4), 203-215.
- (16) Kumara Mahipala, M.B.P., Krebs, G.L., McCafferty, P., Dods, K. (2009). Effects of supplementation with *Chamaecytisus palmensis*, grown in the Western Australian Mediterranean environment, on the nutritive value of sheep diets, *Small Ruminant Research*, 84, 54-60.
- (17) Kumara Mahipala, M.B.P., Krebs, G.L., McCafferty, P., Dods, K. (2008). Contents of phenolics, protein precipitation capacity of tannin in browse and ability to predict them in diets from faecal composition in sheep. *Grassland Science in Europe*, 13, 474-476.
- (18) Serasinghe, R.N., Mahipala, M.B.P., Gunaratne, L.H.P. (2003). Comparison of stochastic frontier analysis (SFA) and data envelopment analysis (DEA) to evaluate technical efficiency: Illustrated by efficiency analysis of cattle farming systems in Up-Country Wet-Zone of Sri Lanka. *Tropical Agricultural Research*, 15, 217-225.
- (19) Mahipala, M.B.P., Gunaratne, L.H.P. (2003) Comparison of cattle farming systems in Up-Country Wet-Zone: Cattle management, social structure and involvement in cattle farming. *Sri Lanka Journal of Animal Production*, 2, 41-55.
- (20) Bandara, A.B., Mahipala, M.B. (2002). Incidence of Brucellosis in Sri Lanka: An overview. *Veterinary Microbiology*, 90(1-4), 197-207.
- (21) Mahipala, M.B.P., Hashiguchi, M., Kamisoyama, H. (1998). Body characteristics, development of reproductive organs, carcass composition and onset of sexual maturity in the female Japanese Quail. *Tropical Agricultural Research*, 10, 372-382.

Peer reviewed full papers published in Conference Proceedings

- (1) Disanayaka, L.M.J.N.K., Kumara Mahipala, M.B.P., Apeksha Uthpali, N., Senanayaka, S.D., Rajapakse, R.G.S.C., Jinadasa, H.R.N., Weerasinghe, W.M.P.B. (2022). Isolation and characterization of lactic acid bacteria (LAB) from forage silage to be used as an inoculant for ensiling forage. In M. Esham (Eds.), *Proceedings of the 4th International Conference of Agricultural Sciences, Sabaragamuwa University of Sri Lanka* (pp. 252-255). Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka.
<https://aginsight.agri.sab.ac.lk/>
ISBN No.: 978-624-5727-15-5
- (2) Jothirathna, M.W.H.H., Seresinhe, T., Weerasinghe, W.M.P.B., Manawadu, A., Kumara Mahipala, M.B.P. (2021). Assessing the contribution on methane production of three fodders during the Maha season in Sri Lanka. In, *Proceedings of University of Vavuniya International Research Conference – 2021* (pp. 71-74).
<https://vau.ac.lk/VUIC-2021/>
ISSN No.: 2815-0163
- (3) Thelaksan, T., Kumara Mahipala, M.B.P., Weerasinghe, W.M.P.B., Chathurika, W.V.A.H. (2018). Identification and assessment of nutritive value of widely used feedstuffs for dairy cattle during Yala season in Vavuniya and Mullaitivu districts of Northern Province, Sri Lanka. In S. Thuraisamy Sarma (Eds.), *Proceedings of the 4th Jaffna University International Research Conference - JUICe2018* (pp. 40-42). Harikandan Printers.
<http://conf.jfn.ac.lk/juice2018/>
ISBN No.: 978-955-0585-11-3
- (4) Ranaweera, K.K.T.N., Herath, H.M.G.P., Weerasinghe, W.M.P.B., Kumara Mahipala, M.B.P. (2017). Serum metabolic profile based assessment of energy balance in tropical and temperate crossbred dairy cattle at post-partum transition stage. In, *Proceedings of the International Symposium on Agriculture and Environment 2018* (pp. 77-80).
ISSN No.: 1800-4830
- (5) Krebs, G.L., Kumara Mahipala, M.B.P., McCafferty, P., Dods, K. (2010). Determining the quality of diets of grazing animals. In, *25th Annual Conference Proceedings* (pp. 80-84). The Grassland Society of NSW Inc.
<http://grasslandnsw.com.au/news/wp-content/uploads/2010/08/25th-2010.pdf>
- (6) Kumara Mahipala, M.B.P., Krebs, G.L., McCafferty, P., Dods, K. (2008). Contents of phenolics, protein precipitation capacity of tannin in browse and ability to predict them in diets from faecal composition in sheep. In A. Hopkins, T. Gustafsson, J. Bertilsson, G. Dalin, N. Nilsson-Linde & E. Sporndly (Eds.), *Biodiversity and Animal Feed – Future Challenges for Grassland Production*, 13 (pp. 474-476). SLU Repro, SE-750 07 Uppsala, Sweden.
https://www.europeangrassland.org/fileadmin/documents/Infos/Printed_Matter/Proceedings/EGF2008.pdf
ISBN No.: 978-91-85911-47-9

- (7) Kumara Mahipala, M.B.P., Gunaratne, L.H.P., Bandara, A.B., Peries, B.L. (2006). Farm-level economics, services and constraints of cattle farming in smallholder cattle farming systems in Up-Country Wet-Zone, Sri Lanka. In, *Proceedings International Conference on Livestock Services* (pp. 242-253).
- (8) Kumara Mahipala, M.B.P. & Fernando, P.V.C. (2005). Viability of integrated cattle farming in Mid-Country, Intermediate Zone, Sri Lanka. In P. Rowlinson, C. Wachirapakorn, P. Pakdee & M. Wanapat (Eds.), *Proceedings – Integrating Livestock-Crop Systems to Meet the Challenges of Globalisation AHAT/BSAS International Conference*, 2 (pp. T66). British Society of Animal Science. ISBN No.: 0 906562 51 1.
- (9) Hashiguchi, M., Mahipala, M.B.P. & Kamisoyama, H., (1998). Influence of low protein diets on sexual maturity and body characteristics in female Japanese Quail. In, *Proceedings of Asian Pacific Poultry Congress (APPC)* (pp. 408-409). British Poultry Science DOI: 10.1080/00071669987368

Peer reviewed abstracts published in Conference Proceedings:

- (1) Kumara Mahipala, M.B.P., Weerasinghe, W.M.P.B., Karunadhipathi, U.L., Weerathunga, M.W.D.C., Fernando P.R.M.K. (2022). Harvesting age, yield and nutritive value of hybrid maize varieties for fodder production in the mid-country, intermediate-zone. In Samith Abubaker & Siva K. Balasundram (Eds.), *Book of Abstracts of the 9th International Conference on Agriculture 2022 (AGRICO 2022)* (pp. 64). The International Institute of Knowledge Management (TIKM), No. 531/18, Kotte Road, Pitakotte, 10100, Sri Lanka. www.agroconference.com ISBN No: 978-624-5746-22-4
- (2) Jeewanie, E.C., Kumara Mahipala, M.B.P., Silva, K.F.S.T. (2022). Case study: Should the non-descriptive (local) buffalos in Waligepola, Sri Lanka be upgraded using Murrah semen? In Samith Abubaker & Siva K. Balasundram (Eds.) *Book of Abstracts of the 9th International Conference on Agriculture 2022 (AGRICO 2022)* (pp. 66). The International Institute of Knowledge Management (TIKM), No. 531/18, Kotte Road, Pitakotte, 10100, Sri Lanka. www.agroconference.com ISBN No: 978-624-5746-22-4
- (3) Weerathunga, M.W.D.C., Udagama, U.W.G.D.N., Kumara Mahipala, M.B.P., Weerasinghe, W.M.P.B. (2021). Effect of fermented juice of epiphytic lactic acid bacteria (FJLB) on fermentation quality of maize silage. *Proceedings of 73rd Annual Scientific Sessions 2021 of Sri Lanka Veterinary Association* (pp. 54). Sri Lanka Veterinary Association. https://www.slva.org/data/files/Sessions/Scientific%20Sessions%202021/Documents/73rd_SLVA_SS_Book_E_Version_Final.pdf
- (4) Weerasekera, D.S., Mahipala, M.B.P.K., Weerasinghe, W.M.P.B., Weeratunga, M.W.D.C., Udagama, U.W.G.D.N., Perera, S.J., Ranawana, K.B. (2021). Nutritive value of grass species palatable to Sambar deer (*Rusa unicolor*) in Horton Plains National Park. In R.S. Rajakaruna (Eds.), *Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka* (pp. 106). Postgraduate Institute of Science (PGIS), University of Peradeniya, Peradeniya, 20400, Sri Lanka. http://www.pgis.pdn.ac.lk/rescon2021/RESCON_2021proceedings.pdf ISBN No.: 978-955-8787-09-0
- (5) Chandrasekara, E.D.C.T., Mahipala, M.B.P.K., Weerasinghe, W.M.P.B., Jayarathne, D.T.S.V. (2021). Potential of using invasive *Petiveria alliacea* for feeding goats in total mixed rations. In R.S. Rajakaruna (Eds.), *Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka* (pp. 29). Postgraduate Institute of Science (PGIS), University of Peradeniya, Peradeniya, 20400, Sri Lanka. http://www.pgis.pdn.ac.lk/rescon2021/RESCON_2021proceedings.pdf ISBN No.: 978-955-8787-09-0
- (6) Jothirathna, M.W.H.H., Weerasinghe, W.M.P.B., Serasinhe, T., Manawadu, A., Maheepala, M.B.P.K. (2021). Effect of a grass mixture on the production performance of mid lactation dairy cows. In, *Proceedings of the International Symposium on Agriculture and Environment 2021* (pp. 119). Faculty of Agriculture, University of Ruhuna, Mapalana, Kamburupitiya, 81100, Sri Lanka. ISSN No.: 1800-4830 www.agri.ruh.ac.lk
- (7) Weerasinghe, W.M.P.B., Weerathunga, M.W.D.C., Mahipala, M.B.P., Udagama, U.W.G.D.N. (2021). Comparison of growth, yield and nutrient composition of Napier hybrids cultivars Sampoorna (*Pennisetum pedicellatum* × *P. americanum*) and CO5 (*Pennisetum glaucum* × *P. Purpureum schumach*) harvested at five intervals. In, *Animal Science proceedings, 12(1)* (pp. 122). British Society of Animal Science. <https://doi.org/10.1016/j.anscip.2021.03.153>. (<https://www.sciencedirect.com/science/article/pii/S2772283X21001539>) ISSN No.: 2772-283X
- (8) Jothirathna, M.W.H.H., Manawadu, A., Serasinhe, T., Weerasinghe, W.M.P.B., Maheepala, M.B.P.K. (2020). Yield and nutritive value of three improved fodder varieties under different harvesting intervals during the Yala Season in Sri Lanka. In, *Proceedings of the International Symposium on Agriculture and Environment 2020* (pp. 192). Faculty of Agriculture, University of Ruhuna, Mapalana, Kamburupitiya, 81100, Sri Lanka. ISSN No.: 1800-4830 www.agri.ruh.ac.lk
- (9) Jothirathna, M.W.H.H., Weerasinghe, W.M.P.B., Serasinhe, T., Maheepala, M.B.P.K., Manawadu, A., Jashanthi, A., Udagama, U.W.D.G. (2020) *In-vitro* fermentation, digestibility and methane production of three improved forage varieties harvested at different cutting intervals during the Yala Season in Sri Lanka. In, *Proceedings of the International Symposium on Agriculture and Environment 2020* (pp.

193). Faculty of Agriculture, University of Ruhuna, Mapalana, Kamburupitiya, 81100, Sri Lanka.
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- (10) Weerathunga, M.W.D.C., Wimalarathne, W.C.P., Weerasinghe, W.M.P.B., Udagama, U.M.G.D.N., Perera, N.O., Mahipala, M.B.P. (2020). Effect of stage of harvest on agronomic characters and dry matter content of hybrid Napier varieties, Sampoorna (DHN-6) and CO-5. In, *Proceedings of 72nd Annual Scientific Sessions of the Sri Lanka Veterinary Association Webinar* (pp. 34). Sri Lanka Veterinary Association. https://www.slva.org/data/files/Proceedings_Final%2072nd%20Webinar.pdf
- (11) De Silva, S.M.H.H., Abeyrathne, E.D.N.S., Weerasinghe, W.M.P.B., Mahipala, M.B.P.K., Ranaweera, K.K.T.N. (2020). Rumen protected fat preparation using by-products generated in coconut processing industry. In, *Proceedings of the International Research Conference 2020 of Uva Wellassa University* (pp. 15). Uva Wellassa University, Badulla, 90000, Sri Lanka.
ISBN No.: 978-955-0481-29-3.
http://www.uwu.ac.lk/wp-content/uploads/2020/proceeding_oct_08.pdf
- (12) Piyathissa, W.N.B.A., Mahipala, M.B.P.K., Weerasinghe, W.M.P.B., Kasthuriarachchi, S., Gamage, S., Ranaweera, K.K.T.N. (2020). Effect of farming system on energy balance of temperate crossbred dairy cows in early lactation: A case study conducted at Welimada Veterinary Division. In, *Proceedings of the International Research Conference 2020 of Uva Wellassa University* (pp. 50). Uva Wellassa University, Badulla, 90000, Sri Lanka.
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- (13) Ranaweera, K.K.T.N., Mahipala, M.B.P.K., Weerasinghe, W.M.P.B. (2019). Evaluation of energy balance in tropical and temperate crossbred dairy cows at post-partum transition stage: A case study. In, *Abstract of Papers and Invited Presentations 31st PGIA Annual Congress* (pp. 27). Postgraduate Institute of Agriculture (PGIA), University of Peradeniya, Peradeniya, 20400, Sri Lanka.
- (14) Kumara Mahipala, M.B.P., Weerasinghe, W.M.P.B., Warnasooriya, S.G.V.B., Sumanasiri, T.M.D.S., Bandara, G.M.P.J. (2018). Assessment of yield and nutritive value of hybrid fodder sorghum (*Sorghum bicolor*), maize (*Zea mays* L.) and millet (*Pennisetum* sp.) in mid country wet-zone and mid country intermediate-zone in Sri Lanka. In Dileepa de Croos & Mohan Samaranayake (Eds.), *Proceedings of the Wayamba University International Conference WinC 2018* (pp. 361). Wayamba University of Sri Lanka, Kuliyaipitya, Sri Lanka.
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- (15) Jothirathna, M.W.H.H., Weerasinghe, W.M.P.B., Seresinghe, T., Manawadu, A., Kumara Mahipala, M.B.P. (2018). Growth performance and nutritive value of three improved fodder varieties under different harvesting intervals grown in southern province of Sri Lanka. In Dileepa de Croos & Mohan Samaranayake (Eds.), *Proceedings of the Wayamba University International Conference WinC 2018* (pp. 377). Wayamba University of Sri Lanka, Kuliyaipitya, Sri Lanka.
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- (16) Kumara Mahipala, M.B.P., Weerasinghe, W.M.P.B., Nanayakkara, K.A.D.B.M., Chathurika, W.V.A.H., Ranaweera, K.K.T.N. (2018). The effect of ruminal bypass fat on milk yield and energy balance in early lactating dairy cows. In Dileepa de Croos & Mohan Samaranayake (Eds.), *Proceedings of the Wayamba University International Conference WinC 2018* (pp. 389). Wayamba University of Sri Lanka, Kuliyaipitya, Sri Lanka.
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- (17) Weerasinghe, W.P.C.G., Samarakone, T.S., Rajapaksha, E., Mahipala, M.B.P.K. (2017). Effect of flooring conditions and stall dimensions on prevalence of hock wounds and lameness of dairy cows in central province, Sri Lanka. In, *Proceedings of the Peradeniya University International Research Sessions, Sri Lanka, 21* (pp. 114). The University of Peradeniya, Peradeniya, Sri Lanka.
ISSN No.: 1391-4111
ISBN No. 978-955-589-164-6
- (18) Sarmini, M., Premaratne, S., Premalal, G.G.C., Mahipala, M.B.P.K. (2017), Ensiling property and nutritional quality of palmyrah (*Borassus flabellifer*) leaves incorporated corn (*Zea mays*) or sorghum (*Sorghum bicolor* (L. moench) silage. In, *Abstract of Papers and Invited Presentations - 29th PGIA Annual Congress* (pp. 2). Postgraduate Institute of Agriculture (PGIA), University of Peradeniya, Peradeniya, 20400, Sri Lanka.
- (19) Herath, H.M.G.P., Ranaweera, K.K.T.N., Weerasinghe, W.M.P.B., Mahipala, M.B.P.K. (2017). Serum metabolic profile based assessment of nutritional status of temperate crossbred, stall-fed, lactating dairy cows; a case in a medium scale mid-country cattle farm. In, *Abstract of Papers and Invited Presentations - 29th PGIA Annual Congress* (pp. 4). Postgraduate Institute of Agriculture (PGIA), University of Peradeniya, Peradeniya, 20400, Sri Lanka.
- (20) Rifky, A.L.M., Samaraweera, A.M., Jayasinghe, J.V.L.C., Mahipala, M.B.P.K. (2010). A case study: Factors affecting on milk production of contract farmers' of the Swiss Cheese Company Private Limited in Nuwara-eliya District. In G. Chandrasena, S.C. Jayamanne, S.G. Sivagurunathan, A.M.T.P. Thauda & A.N.B. Attanayake (Eds.), *Proceedings of the Research Symposium of Uva Wellassa University* (pp. 38). Uva Wellassa University, Passara Road, Badulla, Sri Lanka.
ISBN No.: 978-955-0481-00-2

- (21) McCafferty, P., Krebs, G., Ho, K., Dods, K., [Kumara Mahipala, P.](#) (2008). Utilisation of near infrared spectroscopy to optimise productivity of grazing animals in the Western Australian rangelands. In, *Multifunctional Grasslands in a Changing World – Proceedings of the xxi International Grassland Congress and viii International Rangeland Congress, 2* (pp. 58). Guangdong People's Publishing House. ISBN No.: 13: 978-721-8058-54-2
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- (26) Silva, K.F.S.T., [Mahipala, M.B.P.](#), Rajaguru, A.S.B., Rajapakse, A.R.K. (1994). Effect of breed and stage of lactation on milk composition of some goat breeds. In, *Golden Jubilee Session Proceedings. Part 1 – Abstracts of Papers* (pp. 14-15). Sri Lanka Association for the Advancement of Science. ISSN: 1391-023X

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- (1) Vajira P. Jayawardena and Kumara Mahipala M.B.P. (2009). Proceedings of the Nineteenth Annual Student Research Session. Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- (2) Kumara Mahipala M.B.P. and Kodithuwakku S.P. (2005). Proceedings of the Fifteenth Annual Students Research Session. Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- (3) Kumara Mahipala M.B.P. and Chandima Himali S.M. (2005). Proceedings of the Fourteenth Annual Students Research Session. Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.

Work Experience:

- (1) Senior Lecturer in Animal Science: Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka. Since April 9, 2001 up to date
- (2) Head of the Department: Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka. June 1, 2015 – May 31, 2018 (36 months)
- (3) Farm Manager (Acting): Livestock Field Station (LFS), Faculty of Agriculture, University of Peradeniya, Sri Lanka. September 1, 1999 – April 8, 2001 (19 months)
- (4) Assistant Lecturer: Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka. August 5, 1998 – August 31, 1999 (12 months)
- (5) Postgraduate Research Student: Graduate School of Agriculture, Kagawa University, Japan. April 1, 1996 – March 31, 1998 (24 months)
- (6) Research Student: Faculty of Agriculture, Kagawa University, Japan. January 23, 1996 – March 31, 1996 (2 months)
- (7) Assistant Lecturer: Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka. August 1, 1993 – December 31, 1994 (17 months)
- (8) Demonstrator: Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka. February 23, 1993 – July 31, 1993 (5 months)

Scholarships and Awards

- (1) NRC Merit Award for Scientific Publication – 2010: Awarded for scientific research published in the year 2010 by the National Research Council of Sri Lanka

- (2) Presidential Award for Scientific Publication: Awarded for Scientific Research evaluated by peers and published in the year 2009 in International Scientific Journals cited in the Science Citation Index by the National Research Council of Sri Lanka.
- (3) Presidential Award for Scientific Publication: Awarded for Scientific Research evaluated by peers and published in the year 2002 in International Scientific Journals cited in the Science Citation Index by the National Research Council of Sri Lanka.
- (4) 2006 Endeavour International Postgraduate Research Scholarship: Awarded by Curtin University of Technology, Australia.
- (5) NAREPP Scholarship: Awarded by the Postgraduate Institute of Agriculture to follow M.Sc. degree in Environmental Economics at University of Peradeniya, Sri Lanka.
- (6) Japanese Government Scholarship (MONBUSHO): Awarded by the Japanese Government.

Leadership in committees/ sub-committees

- (1) Chairperson of Agriculture Library Sub-Committee, Faculty of Agriculture, University of Peradeniya. (2022, 2023)
- (2) Member (Leader) of the University Waste Management Sub-Committee (2017 – 2020)
- (3) Member (Leader) of the University Energy Management Sub-Committee (2017 – 2020)
- (4) Chairperson of Logistics Committee, Peradeniya University International Research Seminar (iPURS - 2019), University of Peradeniya. (2019)
- (5) Chairperson of Timetable Sub-Committee, Faculty of Agriculture, University of Peradeniya. (2015, 2016)
- (6) Deputy Proctor of Faculty of Agriculture, University of Peradeniya. (2014)
- (7) Chairperson of Student Advisory and Welfare Committee (SAWC), Faculty of Agriculture, University of Peradeniya. (2013)
- (8) Chairperson of Student Advisory and Welfare Committee (SAWC), Faculty of Agriculture, University of Peradeniya. (2012)

Memberships in Professional Bodies:

- (1) Joint Secretaries (2013) of Federation of Peradeniya University Teachers Association (FPUTA), University of Peradeniya, Sri Lanka.
- (2) President (2013) of Peradeniya University Agriculture Teachers Association (PUATA), Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- (3) Assistant Treasurer (2003-2005) of Association of Academic Researchers, University of Peradeniya (AAR/UP), Sri Lanka.
- (4) Assistant Secretary (2004-2005) and Life Member of ALUMNI Association of the Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- (5) Secretary (2003-2005) and Life Member of Sri Lanka Association of Animal Production (SLAAP), Sri Lanka.