



CURRICULUM VITAE DR. PABODHA WETHTHASINGHE

Senior Lecturer

Department of Animal Science, Faculty of Agriculture,
University of Peradeniya, Sri Lanka.

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ACADEMIC QUALIFICATIONS

December 2021

PhD in Fish Nutrition

Norwegian University of Life Sciences, Norway.

August 2018

MSc in Aquaculture and Marine Resource Management

Wageningen University and Research, The Netherlands.

December 2013

BSc (Honors) in Animal Science and Fisheries

University of Peradeniya, Sri Lanka.

PROFESSIONAL EXPERIENCES

Since December 2021

Senior Lecturer

Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.

From May to June 2024

Visiting Scientist

Aquaculture and Fisheries Group, Wageningen Institute of Animal Sciences, Wageningen University and Research, The Netherlands.

Since June 2022

Visiting Lecturer

Post Graduate Institute of Agriculture (PGIA), University of Peradeniya, Sri Lanka.

Since September 2023

Visiting Lecturer

Department of Urban Bioresources, Faculty of Urban and Aquatic Bioresources, University of Sri Jayewardenepura, Sri Lanka.

From October 2014 to December 2021

Lecturer

Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.

From January 2014 to October 2014

Temporary Lecturer

Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.

OTHER APPOINTMENTS

- **Assistant Deputy Proctor 2025**, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- **Senior Student Counselor 2025**, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- **Senior Student Counselor 2024**, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- **Coordinator of MSc in Aquatic Bio-resources Management Aquaculture**, Post Graduate Institute of Agriculture (PGIA), University of Peradeniya, Sri Lanka.
- **Secretary**, Board of Study in Animal Science, Post Graduate Institute of Agriculture, University of Peradeniya.
- **Examiner**, Department of Agricultural Technology, Faculty of Technology, University of Colombo, Sri Lanka.
- **Secretary**, Federation of Peradeniya University Teachers' Associations (FPUTA), University of Peradeniya, Sri Lanka.
- **Secretary**, Peradeniya University Agriculture Teachers' Association (PUATA), University of Peradeniya, Sri Lanka.
- **Secretary**, Organizing Committee of the Faculty of Agriculture Undergraduate Research Symposium (FAuRS) 2021/22, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- **Member**, Curriculum Development Committee, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- **Coordinator**, Memorandum of Understanding between Ministry of Agriculture Land Irrigation Animal Production & Health and Agrarian Development (Western Province) and University of Peradeniya, Sri Lanka.
- **Chief Examiner**, Agricultural Science, Advanced Level School Examination, Sri Lanka.

MEMBERSHIPS

- **Professional Membership** of the Sri Lanka Institute of Agriculture (SLIAg).

CONSULTATIONS

- **Consultant**, Power Hands Plantation Pvt Ltd.
- **Working Group Member**, COST Action: CA22134 - Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation (FoodWaStop) of the European Cooperation in Science and Technology.
- **Consultant**, Seasonal Livelihood Programming (SLP), UN World Food Programme (WFP) Sri Lanka.
- **Resource person/ expert** – FAO's Technical Corporation program to develop evidence-based road map for mainstreaming climate change into provincial development plan.

ACADEMIC AWARDS

- **Dr. Malcom de Alwis Award** for the best mini-oral presentation at the 76th Annual Scientific Sessions of the Sri Lanka Veterinary Association (2024).
- **Annual Research Excellence Award 2022**, Faculty of Agriculture, University of Peradeniya.
- **Annual Research Excellence Award 2021**, Faculty of Agriculture, University of Peradeniya.
- **Annual Research Excellence Award 2020**, Faculty of Agriculture, University of Peradeniya.

- **Best Poster Award** of Fish Nutrition Workshop 2021, Wageningen University and Research, The Netherlands.
- **Best Presenter** of the 6th International Conference on Agriculture & Fisheries; Systems & Technology 2020 (AgriFish2020).
- **Tjeerd de Jong Award 2017** (1, 000 euro), Wageningen University and Research, The Netherlands.
- **NRC (National Research Council, Sri Lanka) Merit Award 2015** for the scientific publication.
- **The Aquatic Resources Development Project Award for the Best Performance in BSc. in Animal Science and Fisheries degree program (2013)**, Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- **The University Scholarship for Academic Excellence at Final Year Examination (2013)**, University of Peradeniya, Sri Lanka.

FELLOWSHIPS

- **Visiting Scientist Fellowship**, Wageningen Institute of Animal Sciences, Wageningen University and Research, The Netherlands

SCHOLARSHIPS

- **Netherlands Fellowship Program (NFP)**, Nuffic for the MSc degree program Aquaculture and Marine Resource Management at the Wageningen University and Research, The Netherlands.
- **PhD Scholarship** for 3-year PhD program at Norwegian University of Life Sciences, Norway.
- **Australia Awards** Short Course in Nutrition & Food Security, Griffith University, Australia.

CERTIFICATES

- Certificate on “**Laboratory Animal Science for Research Workers**”. 2018. Section for Experimental Biomedicine, Faculty of Veterinary Medicine and Centre for Continuing Education, Norwegian University of Life Sciences, Norway.
- “**The Certificate Course in Human Resource Management**” conducted by IPM (Institute of Personnel Management), Sri Lanka (2012) – Merit Pass.

PANELISTS AND INVITED SPEECH

- Panelist in the Panel Discussion on ‘Insects in Asian Aquaculture’ at the “**Insects to Feed the World 2024**”, Singapore (19-22 June 2024).
- Invited speech at the “**The 7th International Conference on Fisheries and Marine Sciences 2024**” organized by the Faculty of Fisheries and Marine, Universitas Airlangga, Indonesia (4 September 2024).

PAPER PRESENTATIONS IN INTERNATIONAL SCIENTIFIC CONFERENCES

- Oral presentation at **Aquaculture Europe 2021**, Madeira, Portugal (4-7 October 2021).
- Oral presentation at **6th International Conference on Agriculture and Fisheries: Systems and Technology 2020** (6 November 2020 – Online), Colombo, Sri Lanka.
- Oral presentation at **Aquaculture Europe 2019**, Berlin, Germany (7-10 October 2019).
- Oral presentation at **Peradeniya University International Research Session (IPURSE 2015)**, University of Peradeniya, Sri Lanka (5-6 November 2015).
- Oral presentation at **Tomorrow People Organization’s Public Health Conference (2014)**, Bangkok, Thailand (12-14 July 2014).

- Oral presentation at the 2nd **International Symposium on Driving Research Towards Economy, Opportunities and Challenges (2014)**, The National Institute of Fundamental Studies, Kandy, Sri Lanka (13-14 November 2014).

RESEARCH PUBLICATIONS: H index 14 (Google scholar); Citations ~ 855

Full length research papers in peer-reviewed journals

1. Karunaratne, N.D., De Silva, S., Herath, M.D., Liyanage, R., **Weththasinghe, P.**, Jayawardana, B., De Seram, E., Pushpakumara, A., Flavel, M. “**Effects of supplementing a polyphenol-rich sugarcane extract through drinking water on egg production and quality of laying hens**”. *PLOS ONE*. 20(2): e0317292, 2025.
2. Warnasooriya, V., Gunawardena, S., **Weththasinghe, P.**, Jayawardana, B.C., Qader, M., Liyanage, R. “**Nutritional properties, antioxidant activity, and heavy metals accumulation in selected marine macro-algae species of Sri Lanka**”. *Nutraceuticals*. 4, 50–64, 2024.
3. Herath, H.M.U.L., Jayawardana, B.C., Fernando, P.D.S.M., **Weththasinghe, P.** “**A meta-analysis of the effects of dietary Spirulina on growth performance of broiler chicken**”. *World's Poultry Science Journal*. 79(3): 497-511, 2023.
4. **Weththasinghe, P.**, Rocha, S.D.C., Øyås, O., Lagos, L., Hansen, J.Ø., Mydland, L.T., Øverland M. “**Modulation of Atlantic salmon (*Salmo salar*) gut microbiota composition and predicted metabolic capacity by feeding diets with processed black soldier fly (*Hermetia illucens*) larvae meals and fractions**”. *Animal Microbiome*. 4, 9, 2022.
5. Melenchón, F., de Mercado, E., Pula, H.J., Cardenete, G., Barroso, F.G., Fabrikov, D., Lourenço H.M., Pessoa, M., Lagos, L., **Weththasinghe, P.**, Cortés, M. and Tomás-Almenar, C. “**Fishmeal dietary replacement up to 50%: A comparative study of two insect meals for rainbow trout (*Oncorhynchus mykiss*)**”. *Animals*. 12(2), 179, 2022.
6. **Weththasinghe, P.**, Hansen, J.Ø., Rawski, M., Józefiak, D., Ghimire, S., Øverland, M. “**Insects in Atlantic salmon (*Salmo salar*) diets – Comparison between full-fat, defatted, and de-chitinized meals, and oil and exoskeleton fractions**”. *Journal of Insects as Food and Feed*. 8(11): 1235-1247. 2021.
7. **Weththasinghe, P.**, Hansen, J.Ø., Mydland, L.T., Øverland, M. “**A systematic meta-analysis based review on black soldier fly (*Hermetia illucens*) as a novel protein source for salmonids**”. *Reviews in Aquaculture*. 14(2): 938-956. 2021.
8. **Weththasinghe, P.**, Lagos, L., Cortés, M., Hansen, J.Ø., Øverland, M. “**Dietary inclusion of black soldier fly (*Hermetia Illucens*) larvae meal and paste improved gut health but had minor effects on skin mucus proteome and immune response in Atlantic salmon (*Salmo Salar*)**”. *Frontiers in Immunology*. 12: 599530, 2021.
9. **Weththasinghe, P.**, Hansen, J., Nøklund, D., Lagos, L., Rawski, M., Øverland, M. “**Full-fat black soldier fly larvae (*Hermetia illucens*) meal and paste in extruded diets for Atlantic salmon (*Salmo salar*): Effect on physical pellet quality, nutrient digestibility, nutrient utilization and growth performances**”. *Aquaculture*. 530: 735785, 2021.
10. Staessen, T.W.O., Verdegem, M.C.J., **Weththasinghe, P.**, Schrama J.W. “**The effect of dietary non-starch polysaccharide level and bile acid supplementation on fat digestibility and the bile acid balance in rainbow trout (*Oncorhynchus mykiss*)**”. *Aquaculture*. 523: 735174, 2020.
11. Liyanage, R., Perera, O., Lakmini, G.W.A.S., **Weththasinghe, P.**, Visvanathan, R., Jayathilake, C., Jayawardana, B.C., Vidanarachchi, J.K., Sivakanesan, R. “**Boiled, sprouted and raw cowpea incorporated diets modulate High-Fat-Diet induced hypercholesterolemia in rats**”. *Food Science & Nutrition*. 1-8, 2018.
12. Liyanage, R., Kiramage, C., Visvanathan, R., Jayathilake, C., **Weththasinghe, P.**, Bangamuwage, R., Jayawardana, B.C., Vidanarachchi, J.K. “**Hypolipidemic and hypoglycemic potential of raw,**

boiled, and sprouted mung beans (*Vigna radiata* L. Wilczek) in rats". *Journal of Food Biochemistry*, e12457, 2017.

13. Liyanage, R., Gunasegaram, S., Visvanathan, R., Jayathilake, C., **Weththasinghe, P.**, Jayawardna, B.C., Vidanarachchi, J.K. "**Banana blossom (*Musa acuminata* Colla) incorporated experimental diets modulate serum cholesterol and serum glucose level in Wistar rats fed with cholesterol**". *Cholesterol*. Article ID 9747412, 2016.
14. Perera, O.S., Liyanage, R., **Weththasinghe, P.**, Jayawardana, B.C., Vidanarachchi, J.K., Fernando, P.S., Sivakanesan, R. "**Cowpea incorporated diets modulate serum lipids and serum antioxidant activity in Wistar rats**". *Journal of the National Science Foundation of Sri Lanka*. 44 (1): 69-76, 2016.
15. Chandrasiri, S.D., Liyanage, R., Vidanarachchi, J.K., **Weththasinghe, P.**, Jayawardana, B.C. "Does processing have a considerable effect on the nutritional and functional properties of mung bean (*Vigna Radiata*)?". *Procedia Food Science* (2016). 6: 352-355, 2016.
16. Jayawardana, B.C., Liyanage, R., Lalantha, N., **Weththasinghe, P.** "**Antioxidant and antimicrobial activity of drumstick (*Moringa oleifera*) leaves in herbal chicken sausage**". *LWT - Food Science and Technology*. 64: 1204-1208, 2015.
17. Liyanage, R., Perera, O.S., **Weththasinghe, P.**, Jayawardana, B.C., Vidanarachchi, J.K., Sivakanesan, R. "**Nutritional properties and antioxidant content of commonly consumed cowpea cultivars in Sri Lanka**". *Journal of Food Legumes*. 27 (3): 1-4, 2014.

Selected abstract publications

1. Samarakoon S. M. R., Samarasinghe B.A.D.A., **Weththasinghe P.**, Jayawardana B.C. "**Effect of storage time of dietary rice bran on growth performance and meat quality of broiler chicken**". Proceedings of the 36th PGIA Annual Congress 2024, 22 November 2024, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. pp 29.
2. Samarakoon S. M. R., Kulawardhana K.K.S.M., Karunaratne N.D., Jayawardana B.C., Flavel M., **Weththasinghe P.** "**Effect of polyphenol-rich antioxidants supplementation on growth performance and meat quality of broiler chicken fed rice bran stored for extended time periods**". Proceedings of the 36th PGIA Annual Congress 2024, 22 November 2024, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. pp 24.
3. Dilhari P.H.D.T., Benaragama C.K., Rankoth L.M., **Weththasinghe P.**, Samita S., Ariyaratna W.M.T.P., Gunathilake G.K.D.C.S. "**Effect of "GM/GR" biostimulant on growth and yield of salad cucumber**". Proceedings of the Postgraduate Institute of Science Research Congress, 1-2 November 2024, University of Peradeniya, Sri Lanka. pp 17.
4. Senaarachchi R., Jayasekara U.D., **Weththasinghe P.**, Jayawardana B.C., De Seram H.E.L., Nizanantha K., Pushpakumara P.G.A., Flavel M., Karunaratne N.D. "**The impact of different polyphenol-rich sugarcane extract concentrations in drinking water on broiler growth performance, meat quality and mucosal lesions in the small intestine**". 76th Annual Scientific Sessions Sri Lanka Veterinary Association. Sri Lanka. 2 August 2024. pp 35.
5. Hasara J.A.D., Abeyrathne E.D.N.S., Jayatilake J.A.M.S., Liyanage R., Rathnayake R.M.S.I., Jayawardana B.C., **Weththasinghe P.** "**Physico-chemical and functional properties of insect chitosan: comparison with crab and shrimp chitosan**". *Journal of Insects as Food and Feed*, Volume 10. Supplement 1 (2024), S186.
6. Bhagya V.P.I., Weerasooriya S.A., Jayawardana B.C., **Weththasinghe P.** "**Consumer awareness and acceptance of insects as food and feed in Sri Lanka**". *Journal of Insects as Food and Feed*, Volume 10. Supplement 1 (2024), S115.
7. Wijesingha W.A.D.E.I., Jayawardana B.C., Liyanage R., **Weththasinghe P.** "**Enrichment of black soldier fly (*Hermetia illucens*) larvae with omega-3 fatty acids using fish offal and seaweed**". *Journal of Insects as Food and Feed*, Volume 10. Supplement 1 (2024), S76.

8. Subhasinghe H.W.S.S., Jayawardana B.C., Liyanage R., Jagoda S.S.S de S., **Weththasinghe P.** “**Fatty acid profile and growth performance of black soldier fly larvae (*Hermetia illucens*) grown on pre-treated seaweed (*Kappaphycus alvarezii*)**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 53.
9. Somarathna M.S.S.P., Jayawardana B.C., Liyanage R., **Weththasinghe P.** “**Nutritional, antioxidant, antidiabetic and anti-obesity properties of four edible seaweed species in Sri Lanka**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 181.
10. Thilakarathne H.M.T.P., Herath H.M.U.L.1, Jayawardana B.C., **Weththasinghe P.** “**Effect of dietary inclusion of seaweeds on growth performance of fish: A meta-analysis**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 31.
11. Jayawardhane A.M.R.A., Jayawardana B.C., Prabashwari T.I.G., **Weththasinghe P.** “**Antioxidative potential of two varieties of *Kappaphycus alvarezii* in irradiated uncured pork sausage during cold storage**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 132.
12. Dilhari P.H.D.T., **Weththasinghe P.**, Benaragama C.K., Samita S., Ariyaratna W.M.T.P., Rankoth L.M. “**Identifying the effects of *Kappaphycus alvarezii* seaweed as an effective source of fertilizer for salad cucumber**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 58.
13. Kumarasinghe T.M.D.H., Jayawardana B.C., Liyanage R., **Weththasinghe P.** “**Antioxidant and antidiabetic potential of postbiotics from *Lactobacillus* and *Bifidobacterium* isolated from swine cecal content**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 5.
14. Kulawardhana K.K.S.M., Jayawardana B.C., Samarakoon R., Liyanage, M.L.K.P., **Weththasinghe P.** “**Polyphenol-Rich sugarcane extract (Polygain™) supplementation in broiler chicken diets containing oxidized rice bran: Impact on growth performance and meat quality**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 78.
15. Perera, L.R.N., Perera, W.N.U., **Weththasinghe, P.**, Jayasinghe, W.H., Perera, W.L.B. “**Comparison of rearing substrates and moisture contents for producing black soldier fly larvae as animal feed protein**”. Proceedings of the Peradeniya University International Research Session (IPURSE 2023). 20-21 September 2023, University of Peradeniya, Sri Lanka. Vol. 24, pp. 247.
16. Hasara J.A.D., Abeyrathne E.D.N.S., Jayatilake J.A.M.S., Liyanage R., Rathnayake R.M.S.I., Jayawardana B.C., **Weththasinghe P.** “**Extraction, purification and physico-chemical characterization of chitosan from crab, shrimp and insect shells**”. Proceedings of the 9th International Conference of Sabaragamuwa University of Sri Lanka and 4th China-Sri Lanka Communication and Cooperation Forum, 6-8 December 2023, Colombo, Sri Lanka. pp 52.
17. Bhagya V.P.I., Weerasooriya S.A., Jayawardana B.C., **Weththasinghe P.** “**Insects as food and feed in Sri Lanka: Consumer awareness and acceptance**”. Proceedings of the 9th International Conference of Sabaragamuwa University of Sri Lanka and 4th China-Sri Lanka Communication and Cooperation Forum, 6-8 December 2023, Colombo, Sri Lanka. pp 5.
18. Gangani, W.G.R., Jayawardana, B.C., Liyanage, R., Sewwandi, S.M., **Weththasinghe, P.** “**Bioavailability of antioxidants, minerals, and heavy metals in two edible seaweed species: *Kappaphycus alvarezii* and *Caulerpa lentillifera***”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2021/22, 28 December 2022, University of Peradeniya, Sri Lanka. pp 158.

19. Chandraprabha, R.A.U., Jayawardana, B.C., **Weththasinghe, P.**, Liyanage, R. Jayatilake, J.A.M.S. “**Characterization of five selected seaweed species in Sri Lanka: proximate composition, antimicrobial and antioxidant activities**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2021/22, 28 December 2022, University of Peradeniya, Sri Lanka. pp 159.
20. Imesha, T.A.D.M., **Weththasinghe, P.**, Jayawardana, B.C., Vidanarachchi, J.K., Wijesekara, W.L.I., Dhamsara M.J. “**Development of gelatin free-set yoghurt with seaweed phycocolloids**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2021/22, 28 December 2022, University of Peradeniya, Sri Lanka. pp 178.
21. Wijesingha W.A.D.E.I., **Weththasinghe P.**, Jayawardana B.C., Liyanage R. “**Development of omega-3 enriched feed ingredient: tailoring fatty acid composition of black soldier fly (*Hermetia illucens*) larvae using fish offal and seaweeds**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2021/22, 28 December 2022, University of Peradeniya, Sri Lanka. pp 181.
22. Samarasinghe B.A.D.A., Jayawardana B.C., **Weththasinghe P.**, Samarakoon R. Dhamsara M.J. “**Effect of storage time of dietary rice polish on growth performance and meat quality of broiler chicken**”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2021/22, 28 December 2022, University of Peradeniya, Sri Lanka. pp 186.
23. **Weththasinghe, P.**, Rocha, S.R., Hansen, J.Ø., Øyås, O., Lagos, L., Mydland, L.T., Øverland, M. “**Downstream processing of black soldier fly (*Hermetia illucens*) larvae: effects on growth performance and gut microbiota of Atlantic salmon (*Salmo salar*)**”. XX International Symposium on Fish Nutrition and Feeding Towards Precision Fish Nutrition and Feeding. 5-9 June 2022, Sorrento, Italy.
24. **Weththasinghe, P.**, Lagos, L., Hansen, J.Ø., Mydland, L.T., Øverland, M. “**Full-fat meal and fractions of black soldier fly *Hermetia illucens* larvae in diets for Atlantic salmon *Salmo salar*: effects on nutrient digestibility, growth performance and gut health**”. Aquaculture Europe 21 Abstracts. 4-7 October 2021, Madeira, Portugal. pp 1369-1377.
25. Melenchón F., Larrán A.M., de Mercado E., **Weththasinghe P.**, Lagos L., Mercado L., Cortés M.S., Tomás-Almenar C. “**Insect-based diets for rainbow trout (*Oncorhynchus mykiss*) and its impact on gut health and protein utilization**”. Aquaculture Europe 20 Abstracts. 12-15 April 2020. AE 2020 online. pp 368-369.
26. **Weththasinghe, P.**, Liyanage, R., Thathsarani, R., Jayawardana, B.C. “**Effect of dietary *Spirulina* (*Spirulina platensis*) supplementation on growth performance, skin coloration and gut microbiology in goldfish (*Carassius auratus*)**”. Abstracts of 6th International Conference on Agriculture & Fisheries; Systems & Technology 2020 (E-volume). 6 November 2020 - Online, Colombo, Sri Lanka. pp 18.
27. **Weththasinghe, P.**, Lagos, L., Hansen, J.Ø., Mydland, L.T., Øverland, M. “**The effect of dietary black soldier fly larvae *Hermetia illucens* meal and paste on growth performances and immune parameters in Atlantic Salmon *Salmo salar***”. Aquaculture Europe 19 Abstracts. 7-10 October 2019, Berlin, Germany. pp 1628-1629.
28. **Weththasinghe, P.**, Lagos, L., Hansen, J.Ø., Mydland, L.T., Øverland, M. “**The effect of dietary black soldier fly larvae *Hermetia illucens* meal and paste on growth performances and immune parameters in Atlantic Salmon *Salmo salar***”. Aquaculture Europe 19 Abstracts. 7-10 October 2019, Berlin, Germany. pp 1628-1629.
29. Jayawardana, B.C., Liyanage, R., Vidanarachchi, J.K., Keerthikumara, A., **Weththasinghe, P.** “**Dietary supplementation of dried *Spirulina Platensis* on growth performances of broiler chicken**”. Proceedings of the Peradeniya University International Research Session (IPURSE 2015). 5-6 November 2015, University of Peradeniya, Sri Lanka. Vol. 19, pp. 143.
30. Jayawardana, B.C., Liyanage, R., Vidanarachchi, J.K., Chandrasiri, D., **Weththasinghe, P.**

“Comparison of nutritional and functional properties of raw and processed mung bean (*Vigna Radiata*)”. Proceedings of the Peradeniya University International Research Session (IPURSE 2015). 5-6 November 2015, University of Peradeniya, Sri Lanka. Vol. 19, pp. 144.

31. Liyanage, R., Kiramage, C., **Weththasinghe, P.**, Rizliya, V., Jayathilake, C., Jayawardana, B.C., Vidanarachchi, J.K. **“Investigate the effect of processed mung bean (*Vigna Radiata* L.) powder incorporated experimental diets on serum lipid and glucose concentrations in Wistar rats (*Rattus Norvegicus*)”**. Proceedings of the Peradeniya University International Research Session (IPURSE 2015). 5-6 November 2015, University of Peradeniya, Sri Lanka. Vol. 19, pp. 146.
32. **Weththasinghe, P.**, Liyanage, R., Thotawattage, G.H., Jayawardana, B.C. **“Anti-oxidant effects of black tea extracts in pork sausages”**. Proceedings of international conference: "Public Health Conference 2014". 12-14 July 2014, Bangkok, Thailand. pp. 6-7.
33. Perera, O.S., Liyanage, R., **Weththasinghe, P.**, Jayawardana, B.C., Vidanarachchi, J.K., Fernando, P.S., Sivakanesan, R. **“Raw and processed cowpea (*Vigna Unguiculata* L. Walp.) incorporated experimental diets modulate serum cholesterol and serum antioxidant activity in Wistar rats (*Rattus Norvegicus*)”**. Proceedings of the 16th Food Innovation Asia Conference 2014. 12-13 June 2014, BITEC, Bangkok, Thailand. pp. 1.
34. Perera, O.S., **Weththasinghe, P.**, Liyanage, R., Jayawardana, B.C., Vidanarachchi, J.K., R. Sivakanesan. **“Nutritional properties and antioxidant content of commonly consumed cowpea cultivars in Sri Lanka”**. Proceedings of the Peradeniya University International Research Session, Sri Lanka. 12-14 July 2014, University of Peradeniya, Sri Lanka. Vol. 18, pp. 205.
35. Gunasegaram, S., **Weththasinghe, P.**, Liyanage, R., Vidanarachchi, J.K., Jayawardana, B.C. **“Investigating *in vivo* hypolipidemic, hypoglycemic and antioxidative capacity of banana blossom (*Musa spp.*) incorporated experimental diets in Wistar rats fed with cholesterol”**. Proceedings of 2nd International Symposium on Driving Research towards Economy, Opportunities & Challenges 2014. 13-14 November 2014, The National Institute of Fundamental Studies, Kandy, Sri Lanka. pp. 25.

RESEARCH GRANTS

University Research Grant Year-2022, University of Peradeniya, Sri Lanka. New Project – Grant No. URG/2022/03/Ag.

Project title: **Development of an omega-3 enriched sustainable feed ingredient – Tailoring of fatty acid composition of black soldier fly (*Hermetia illucens*) larvae using fish offal and seaweed.**

University Research Grant Year-2016, University of Peradeniya, Sri Lanka. New Project – Grant No. URG/2016/02/Ag.

Project title: **Effect of dietary Spirulina (*Spirulina platensis*) supplementation on growth, fertility, coloration, and leucocyte count in Goldfish (*Carassius auratus*).**

MEMBERSHIP IN EDITORIAL BOARDS

- Editor, Faculty Newsletter, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- Editorial Board, Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2021/22, Faculty of Agriculture, University of Peradeniya, Sri Lanka.

REVIEWER

- Serve as a reviewer in Frontiers in Immunology; Animals; Fishes; Aquaculture Reports; Journal of Insects as Food and Feed; Aquaculture Nutrition; Reviews in Aquaculture; Scientifica.

TRAINING AND WORKSHOP

“Seasonal Livelihood Programming (SLP)”, UN World Food Programme (WFP) Zimbabwe (March 2023).

Australia Awards short course on **“Multisectoral Approaches to Nutrition and Food Security 2”**. 2023. Griffith University, Australia (February to May 2023).

“Fish Nutrition Workshop 2021”, Wageningen University and Research, The Netherlands (18-21 October 2021).

“NorMic Workshop on Biological Optical Microscopy”, organized by Digital Life Norway Research School at University of Oslo, Norway (7-10 May 2019).

“The 2015 Seminar on Environmental Monitoring Technologies for Officials from Asian and African Countries” held in Beijing, China, conducted by Center for Environmental Education and Communications of Ministry of Environmental Protection, China (26 August to 15 September 2015).

“Induction Program for Academic Staff”, conducted by Staff Development Center, University of Peradeniya, Sri Lanka (October to December 2015).

“Basic Techniques in Molecular Biology”, conducted by Agricultural Biotechnology Centre, Faculty of Agriculture, University of Peradeniya, Sri Lanka (2013).

“Training Program on Ornamental Fish Breeding” at the Ornamental Fish Breeding and Training Center, Rambodagalla, Sri Lanka (2011).