

Curriculum Vitae

Tharaka Dassanayake MBBS, MPhil, PhD

Senior Professor in Neurophysiology
Faculty of Medicine, University of Peradeniya, Peradeniya 20400, SRI LANKA
Honorary Senior Lecturer,
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Personal Information

Date of birth: 23/06/1976

Citizenship: Sri Lankan

Language proficiency: English, Sinhala

Educational Qualifications

Doctor of Philosophy (June 2012), The University of Newcastle, AUSTRALIA

Thesis title (thesis by publication): Effects of central nervous system depressant drug overdose on cognitive functions and driving

Additional Coursework:

Biostatistics B: High Distinction

Advanced Research Methods and Statistics in Psychology: High Distinction

Master of Philosophy (March 2007), University of Peradeniya, SRI LANKA

Thesis title: Cognitive effects of organophosphorus insecticide poisoning studied using reaction time, evoked potentials and event-related potentials

Bachelor of Medicine and Surgery (February 2002), University of Peradeniya (Sri Lanka)

Graduated with 2nd Class Honours, ranked 56th in national merit order out of 556 medical graduates

Certificate on Good Clinical Practice: Valid from 03/12/2020 – 03/12/2023

Postdoctoral research (2013-2015): Long-term neurocognitive effects of organophosphate insecticide poisoning. South Asian Clinical Toxicology Research Collaboration, Sri Lanka

Employment

Present

- **Primary Affiliation:** Department of Physiology, Faculty of Medicine, University of Peradeniya, Sri Lanka (since 2004).
Senior Professor in Neurophysiology (Since 2023)
Professor in neurophysiology (2015-2023)
Senior Lecturer in Physiology (2009 – 2015)
Lecturer in Physiology (2004- 2009)
- Honorary Consultant Neurophysiologist, Teaching Hospital Peradeniya, Sri Lanka (since 2012).
- Honorary Senior Lecturer, School of Psychological Sciences, University of Newcastle, Australia
- Clinical Researcher, South Asian Clinical Toxicology Research Collaboration, Faculty of Medicine, University of Peradeniya, Sri Lanka (Since 2004)
- Visiting Lecturer, Faculty of Allied Health Sciences, Faculty of Dental Sciences and Faculty of Engineering University of Peradeniya, Sri Lanka
- Visiting Lecturer, Faculty of Medicine, Sabaragamuwa University of Sri Lanka (Since 2022)

April 2012 – December 2021: Conjoint Senior Lecturer, School of Psychology, University of Newcastle, Australia

August 2009 – December 2011: Lecturer (Casual), School of Biomedical Sciences and Pharmacy, Faculty of Health, The University of Newcastle, Australia

August 2003 – February 2004: Intern Medical Officer: Paediatrics, Teaching Hospital, Peradeniya, Sri Lanka

February 2003 – August 2003: Intern Medical Officer: Surgery, Teaching Hospital, Peradeniya, Sri Lanka

March 2002 – February 2003: Lecturer (temporary), Department of Physiology, Faculty of Medicine, University of Peradeniya, Sri Lanka

Teaching and Curriculum Development

I have 20 years of experience of teaching medical and allied health undergraduates and postgraduates at the University of Peradeniya Sri Lanka.

The teaching-learning activities that I conduct include

- lectures
- tutorials
- problem-based learning (PBL) sessions
- practical classes and clinical skills classes
- examinations

At present, I teach the following courses:

- Undergraduate:
 - MED1102 Foundation to human physiology
 - MED1207 Cardiovascular, respiratory and alimentary functions
 - MED2111 Neuroendocrine functions, excretion and reproduction

- EE 580 Introduction to biomedical engineering
- Postgraduate:
 - PG diploma in Medical Physiology: Neurophysiology I and II, Medical statistics, [Postgraduate Institute of Medicine](#), Sri Lanka
 - MD Surgery: Central neurophysiology, Postgraduate Institute of Medicine, Sri Lanka
 - MSc in Physiotherapy, University of Peradeniya, Sri Lanka

I have also worked as a lecturer at The University of Newcastle Australia from 2009-2011.

I also have extensive experience in medical curriculum development and planning at University of Peradeniya, as member of the Curriculum Development Committee (since 2015), Curriculum Monitoring and Evaluation Committee (Since 2012) and the Head of the Department of Physiology (2020-2023).

Research Interests and technical experience

- Research interests:
 - Clinical neurophysiology
 - Cognitive neuroscience
 - Neurotoxicology of pesticides
 - Neuropsychological assessment
 - Drug effects on CNS and driving
- Technical skills:
 - Clinical neurophysiology: evoked potentials, transcranial magnetic stimulation, peripheral nerve conduction testing, EMG
 - Cognitive neurosciences: EEG / Event-related potentials, Neuropsychological assessment.
- Training and experience:
 - *Advanced cognitive assessment* (Neuropsychological and Neurophysiological techniques): Calvary Mater Hospital, Newcastle, Australia (2008-2012)
 - *Clinical Neurophysiology*, Teaching Hospital, Peradeniya, Sri Lanka (since 2002)
 - Functional neuroimaging laboratory, University of Newcastle, Australia (2008-2012)
 - South Asian Clinical Toxicology Research Collaboration, University of Peradeniya, Sri Lanka (Since 2004).

Postgraduate Research Supervision

1. Stewart Oxley (Doctorate in Clinical and Health Psychology, The University of Newcastle, Australia): Thesis “Influence of central nervous system depressant (CNS-D) drugs on driving performance and cognitive functions and recovery of cognitive functions following hospital treated deliberate self-poisoning with CNS-D drugs.” – Completed.

2. Chanaka Kahathuduwa (Master of Philosophy, University of Peradeniya): Thesis “Assessment of cognitive processing using reaction time, evoked potentials and event-related potentials and study of the effect of theanine on cognitive processing”. Completed.
3. Chanika Alahakoon (Master of Philosophy, University of Peradeniya): Thesis “Development of a biomarker using single fibre electromyography in organophosphate poisoned patients” – completed
4. Aikaterini Lymperidou (MSc in Interdisciplinary Graduate Programme in the Brain and Mind Sciences, Department of Medicine, University of Crete): Dissertation: “Perception of Emotion: A cross cultural comparison of emotional evaluation” – Completed
5. S. M. A. B. Samarakoon (MSc in Sports and Exercise Physiology (University of Peradeniya): Dissertation. “Effect of anthropometric determinants on explosive power among high-performing and novice badminton players” Completed.
6. Chandana Hewawasam (Master of Philosophy, University of Peradeniya): Thesis: “Cognitive performance in siblings of patients with dementia” – completed
7. Gayani Nawarathne (Master of Philosophy, University of Peradeniya): Thesis: “Effects of L-theanine-caffeine combination on selective attention in adolescents with attention deficit hyperactivity disorder and acutely sleep-deprived healthy adults.” – in progress

Full-text Research Publications in Peer-Reviewed Journals

1. Karunaratne UW, **Dassanayake TL**. Effect of L-theanine on selective attention in a traffic-related reaction task in sleep-deprived young adults: a double-blind placebo-controlled, crossover study. *Nutritional Neuroscience*:1-10. [[Full text](#)]
<https://doi.org/10.1080/1028415X.2024.2383080>
2. **Dassanayake TL**, Hewawasam C, Baminiwatta A, Ariyasinghe DI. Age-Stratified Norms for Raven’s Standard Progressive Matrices for Sri Lankan Adults Sri Lankan adults. *The Clinical Neuropsychologist*. <https://doi.org/10.1080/13854046.2024.2370908>. [[Full Text](#)]
3. Ahangama TV, Gurunayake GMKGG, Yalpathwala IA, Wijayakulasooriya JV, **Dassanayake TL**, Harischandra N, Kim K, Ranaweera RDB. 2023. EEG-Based Frequency Domain Separation of Upward and Downward Movements of the Upper Limb. medRxiv.2023.2012.2011.23299840. <https://doi.org/10.1101/2023.12.11.23299840>
4. Buckley NA, Jayawardane P, Weerasinghe V, Dawson AH, **Dassanayake TL**. Serial repetitive nerve stimulation studies in organophosphorus poisoning indicate two distinct pathophysiological processes occur at the neuromuscular junction in the intermediate syndrome. *Clin Toxicol (Phila)* 2024:1-10. <https://doi.org/10.1080/15563650.2024.2343744>
5. Jayarathne SK, Rajapakshe OP, Siriwardhana SM, Kim K, **Dassanayake TL**, Harischandra N, Wijayakulasooriya J, Ranaweera R. A Pattern Recognition Neural Network Approach for an SSVEP-Based Brain-Computer Interface. 2023 IEEE 17th International Conference on Industrial and Information Systems (ICIIS)2023. p. 447-52. DOI: [10.1109/ICIIS58898.2023.10253527](https://doi.org/10.1109/ICIIS58898.2023.10253527)
6. Abhayaratna HC, Ariyasinghe DI, Ginige P, Chandradasa M, Hansika KS, Fernando A, Wijetunge S, **Dassanayake TL**. Psychometric properties of the Sinhala version of the Swanson, Nolan, and Pelham Rating Scale (SNAP-IV) Parent Form in healthy children and children with ADHD. *Asian Journal of Psychiatry* 2023;83:1035-42. DOI and Full Text: <https://doi.org/10.1016/j.ajp.2023.103542>

7. Hewawasam C, Wickramasinghe A, Caldera MC, **Dassanayake TL**. Subclinical memory impairment in unaffected siblings of patients with dementia. *The Clinical Neuropsychologist*. 2023; 37: 1669-85. <https://doi.org/10.1080/13854046.2023.2182832> [Full-text] [PubMed]
8. Malvanage KT, Senadheera VV, **Dassanayake TL**. Effect of balance training on footwork performance in badminton: An interventional study. *PLOS ONE*. 2022;17(11):e0277775. [PubMed] <https://doi.org/10.1371/journal.pone.0277775>.
9. **Dassanayake TL**, Wijesundara D, Kahathuduwa CN, Weerasinghe VS. Dose-response effect of L-theanine on psychomotor speed, sustained attention, and inhibitory control: a double-blind, placebo-controlled, crossover study. *Nutritional Neurosciences* 2022. [PubMed] <https://doi.org/10.1080/1028415X.2022.2136884> [Full Text]
10. Karunaratne UW, Karunaratne D, Karunaratne S, Karunasena G, Kodikara S, Kaushalya H, Wikum C, Navakulan K, Kaflay H, Kathriarachchi S, Kiriwandala R, **Dassanayake TL**. Effects of L-theanine, a constituent of tea, on cognitive functions and attention. *Sri Lanka Journal of Medicine* 2022;31:58–69. <http://doi.org/10.4038/sljm.v31i1.332>
11. Dahanayake P, Dassanayake TL, Weerasinghe VS, Senanayake N. Brain-stem auditory evoked potentials in at-risk infants and follow up assessment in Sri Lanka. *Sri Lanka Journal of Child Health*. 2022;51(3):412-7. <http://doi.org/10.4038/sljch.v51i3.10241>
12. Dahanayake P, **Dassanayake TL**, Pathirage M, Senanayake S, Sedgwick MEE, Weerasinghe VS. Clinical characteristics of patients presenting with the first-episode optic neuritis in a South Asian population: A study from Sri Lanka. *Anuradhapura Medical Journal* 2022;16:19-28. <http://doi.org/10.4038/amj.v16i2.7725>
13. **Dassanayake TL**, Kahathuduwa CN, Weerasinghe VS. L-theanine improves neurophysiological measures of attention in a dose-dependent manner: a double-blind, placebo-controlled, crossover study. *Nutritional Neuroscience*. 2022;25(4):698-708. <https://doi.org/10.1080/1028415X.2020.1804098>. [Free full text] [PubMed]
14. **Dassanayake TL**, Weerasinghe VS, Gawarammana IB, Buckley NA. Changes of attention-related brain activity over 6 months after acute organophosphate pesticide poisoning: a prospective follow-up study. *Clinical Toxicology*. 2022;60(5):576-584. <https://doi.org/10.1080/15563650.2021.2010742>. [Full text] [PubMed]
15. **Dassanayake TL**. The ‘Boardroom Dilemma’: a cognitive dimensional model for decision-making in academic circles. *Sri Lanka Journal of Medicine*. 2021;30(2):18-21. doi: <http://doi.org/10.4038/sljm.v30i2.300>.
16. **Dassanayake TL**. Discipline-Centred Learning: An Integrative Model for Medical Undergraduate Education. *South-East Asian Journal of Medical Education*. 2021;15(2):82-4. doi: <http://doi.org/10.4038/seajme.v15i2.372>.
17. Karunasena SP, Ariyaratna DC, Ranaweera R, Wijayakulasooriya J, Kim K, **Dassanayake TL**. Single-Channel EEG SSVEP-based BCI for Robot Arm Control. 2021 IEEE Sensors Applications Symposium (SAS)2021. p. 1-6. <https://doi.org/10.1109/SAS51076.2021.9530189>
18. **Dassanayake TL**, Hewawasam C, Baminiwatta A, Ariyasinghe DI. Regression-based, demographically adjusted norms for Victoria Stroop Test, Digit Span, and Verbal Fluency for Sri Lankan adults. *The Clinical Neuropsychologist*. 2021(sup1):S32-S49. <https://doi.org/10.1080/13854046.2021.1973109>, [Full text] [PubMed]
19. Dahanayake P, **Dassanayake TL**, Pathirage M, Senanayake S, Sedgwick M, Weerasinghe VS. The effect of optic neuritis treatment trial (ONTT) combined corticosteroid regimen on

- pattern reversal visual evoked potentials: a prospective follow-up study. *BMC Ophthalmology*. 2021;21:324. doi:10.1186/s12886-021-02086-z [Full text] [PubMed]
20. **Dassanayake TL**, Baminiwatta A, Ariyasinghe DI. Demographically-adjusted normative data for Symbol Digit Modalities Test (SDMT) among Sri Lankan adults. *Sri Lanka Journal of Psychiatry*. 2021;12:18-24. <http://doi.org/10.4038/slpsyc.v12i1.8284> [Full text]
 21. Dahanayake P, **Dassanayake TL**, Pathirage M, Senanayake S, Sedgwick M, Weerasinghe V. Detection of early diabetic retinopathy using visual electrophysiological tests. *International Journal of Diabetes in Developing Countries*. 2021. <https://doi.org/10.1007/s13410-020-00916-2>
 22. Dahanayake P, **Dassanayake TL**, Pathirage M, Colombage A, Gawarammana IB, Senanayake S, et al. Dysfunction in macula, retinal pigment epithelium and post retinal pathway in acute organophosphorus poisoning. *Clinical Toxicology*. 2021;59:111-117. <https://doi.org/10.1080/15563650.2020.1771359>. [Free eprint] [PubMed]
 23. **Dassanayake TL**, Weerasinghe VS, Gawarammana I, Buckley NA. Subacute and chronic neuropsychological sequelae of acute organophosphate pesticide self-poisoning: a prospective cohort study from Sri Lanka. *Clinical Toxicology*. 2021;59:118-30. <https://doi.org/10.1080/15563650.2020.1778719>. [Free eprint] [PubMed]
 24. **Dassanayake TL**, Hewawasam C, Baminiwatta A, Samarasekara N, & Ariyasinghe DI. Sex-, age- and education-adjusted norms for the WHO/UCLA version of the Rey Auditory Verbal Learning Test for Sinhala-speaking Sri Lankan adults. *The Clinical Neuropsychologist*. 2020;34(sup1): 127-142. <https://doi.org/10.1080/13854046.2020.1829069>. [Free eprint] [PubMed]
 25. Dahanayake P, **Dassanayake TL**, Pathirage M, Senanayake S, Sedgwick M, Weerasinghe VS. Normal values of pattern reversal visual evoked potentials (PRVEP) and pattern electroretinography (PERG) in healthy adults in Sri Lanka. *The Journal of the College of Ophthalmologists of Sri Lanka*. 2020;26:66-73. <https://jcosl.sljol.info/articles/abstract/10.4038/jcosl.v26i2.37/>
 26. Kahathuduwa CN, Wakefield S, West BD, Blume J, **Dassanayake TL**, Weerasinghe VS, Mastergeorge, A. Effects of l-theanine–caffeine combination on sustained attention and inhibitory control among children with ADHD: a proof-of-concept neuroimaging RCT. *Scientific Reports*. 2020;10:13072. <https://doi.org/10.1038/s41598-020-70037-7> [PubMed]
 27. Dahanayake P, **Dassanayake TL**, Pathirage M, Senanayake S, Sedgwick M, Weerasinghe V. Electro-oculography in bilateral optic neuropathy. *BMC Research Notes*. 2020;13:287. doi: [10.1186/s13104-020-05131-0](https://doi.org/10.1186/s13104-020-05131-0) [PubMed]
 28. Alahakoon C, **Dassanayake TL**, Gawarammana IB, Weerasinghe VS, Buckley NA. Differences between organophosphates in respiratory failure and lethality with poisoning post the 2011 bans in Sri Lanka. *Clinical Toxicology*. 2020;58:466-70 <https://doi.org/10.1080/15563650.2019.1660782> [PubMed]
 29. **Dassanayake TL**, Ariyasinghe DI. Sex-, age- and education-adjusted norms for Cambridge Neuropsychological Test Automated Battery for Literate Sri Lankan Adults. *The Clinical Neuropsychologist*. 2019;33(sup1): 106-124. <https://doi.org/10.1080/13854046.2019.1662090> [PubMed]
 30. Alahakoon C, **Dassanayake TL**, Gawarammana IB, Sedgwick EM, Weerasinghe VS, Abdalla A, et al. Prediction of organophosphorus insecticide-induced intermediate syndrome with stimulated concentric needle single fibre electromyography. *PLOS ONE*. 2018;13:e0203596. DOI: <https://doi.org/10.1371/journal.pone.0203596> [PubMed]

31. Antonypillai, CN, Jayawardena, WCK, Samarakkody, IG, Dahanayake, S, Monaragala, L, Wijerathne, DLN and **Dassanayake, TL**. Changes in Alanine transaminase levels in response to statins: Sri Lankan experience in patient with type 2 Diabetes mellitus with Dyslipidemia. Sri Lanka Journal of Diabetes Endocrinology and Metabolism 2018; 8 (1): 3-7. DOI: <http://doi.org/10.4038/sjdem.v8i1.7345>
32. Alahakoon C, **Dassanayake TL**, Gawarammana IB, Weerasinghe VS. Can we predict intermediate syndrome? A review. NeuroToxicology. 2018;69:209-16. <https://doi.org/10.1016/j.neuro.2017.12.002> [PubMed]
33. Kahathuduwa CN, Dhanasekara CS, Chin SH, Davis T, Weerasinghe VS, **Dassanayake TL**, Binks M. L-theanine and caffeine improve target-specific attention to visual stimuli by decreasing mind wandering: A human functional magnetic resonance imaging study. Nutrition Research. 2018; 49: 67-78. <https://doi.org/10.1016/j.nutres.2017.11.002> [PubMed]
34. Kahathuduwa CN, **Dassanayake TL**, Amarakoon AMT, Weerasinghe VS. Acute effects of theanine, caffeine and theanine-caffeine combination on attention. Nutritional Neurosciences 2017; 20: 369-77. <https://doi.org/10.1080/1028415X.2016.1144845> [PubMed]
35. **Dassanayake TL**. Cognitive toxicity: from pesticides to pharmaceuticals. Sri Lanka Journal of Medicine. 2017; 26 (1): 25-41. DOI: <http://doi.org/10.4038/sljm.v26i1.28> [full text]
36. Amaratunga HA, Adikari SB, **Dassanayake TL**, Gamage J, Suraweera HJ. Relationship between the goniometric alignment and articular cartilage damage in knee osteoarthritis. Ceylon Med J. 2017; 62: 167-74. DOI: [10.4038/cmj.v62i3.8520](http://doi.org/10.4038/cmj.v62i3.8520) [Full text] [PubMed]
37. **Dassanayake TL**, Michie PT, Fulham R. Effect of temporal predictability on exogenous attentional modulation of feedforward processing in the striate cortex. International Journal of Psychophysiology, 2016; 105:9-16. [doi:10.1016/j.ijpsycho.2016.04.007](http://doi.org/10.1016/j.ijpsycho.2016.04.007). [PubMed]
38. Oxley SO, **Dassanayake TL**, Carter GL, Whyte I, Jones AL, Cooper G, Michie PT. Neurocognitive Recovery After Hospital-Treated Deliberate Self-Poisoning With Central Nervous System Depressant Drugs: A Longitudinal Cohort Study. J Clin Psychopharmacol. 2015; 35(6):672-80. DOI: [10.1097/JCP.0000000000000417](http://doi.org/10.1097/JCP.0000000000000417) [PubMed]
39. Kahathuduwa CN, Weerasinghe VS, **Dassanayake TL**, Priyadarshana R, Dissanayake AL, Perera C. Task-specific kinetic finger tremor affects the performance of carrom players. J Sports Sci. 2015; 34(10):923-8. <https://doi.org/10.1080/02640414.2015.1078487> [PubMed]
40. Ariyasinghe D, Abeyasinghe R, Siriwardhana P, **Dassanayake T**. Prevalence of major depressive disorder among spouses of men who use alcohol in a rural community in Sri Lanka. Alcohol and Alcoholism. 2015, 50(3):328-32. DOI: [10.1093/alcalc/agu105](http://doi.org/10.1093/alcalc/agu105) [PubMed]
41. Amaratunga HA, Adhikari SB, **Dassanayake TL**, Chandrasekara M, Suraweera HJ. Goniometric alignment of the normal knee joint and the factors which affect it. Ceylon Medical Journal. 2014, 59(2): 45-8. [PubMed] [Full text]
42. **Dassanayake TL**, Michie PT, Jones AL, Carter GL, Mallard T, Whyte IM. Cognitive skills underlying driving in patients discharged following self-poisoning with central nervous system depressant drugs. Traffic Injury Prevention. 2012, 13: 450-7. DOI: [10.1080/15389588.2012.671983](http://doi.org/10.1080/15389588.2012.671983) [PubMed]
43. **Dassanayake TL**, Michie PT, Jones AL, Carter GL, Mallard T, Whyte IM. Cognitive impairment in patients clinically recovered from central nervous system depressant drug overdose. Journal Clinical Psychopharmacology 2012, 32(4): 503-10. DOI: [10.1097/JCP.0b013e31825d6ddb](http://doi.org/10.1097/JCP.0b013e31825d6ddb). [PubMed]
44. **Dassanayake TL**, Jones AL, Michie PT, Carter GL, McElduff P, Stokes BJ, Whyte IM. Risk of Road Traffic Accidents in Patients Discharged Following Treatment for Psychotropic

- Drug Overdose: a Self-Controlled Case Series Study in Australia. *CNS Drugs* 2012, 26(3): 269-76. DOI: [10.2165/11599790-000000000-00000](https://doi.org/10.2165/11599790-000000000-00000). [Pubmed]
45. **Dassanayake TL**, Michie P, Carter G, Jones A. Effects of benzodiazepines, Antidepressants and opioids on driving: a systematic review of epidemiological and experimental evidence. *Drug Safety* 2011, 34 (2): 125-156. DOI: [10.2165/11539050-000000000-00000](https://doi.org/10.2165/11539050-000000000-00000). [Pubmed]
 46. **Dassanayake T**, Gawarammana IB, Weerasinghe VS, Dissanayake S, Pragaash S, Dawson A, Senanayake N. Auditory event-related potential changes in chronic occupational exposure to organophosphate pesticides. *Clinical Neurophysiology* 2009, 120: 1693-1698. DOI: [10.1016/j.clinph.2009.07.034](https://doi.org/10.1016/j.clinph.2009.07.034). [Pubmed]
 47. **Dassanayake T**, Weerasinghe VS, Dangahadeniya U, Kularatne K, Dawson A, Karalliedde L, Senanayake N. Long-term Event-Related Potential Changes following Organophosphorus Insecticide Poisoning. *Clinical Neurophysiology* 2008, 119: 144-150. DOI: [10.1016/j.clinph.2007.09.134](https://doi.org/10.1016/j.clinph.2007.09.134). [Pubmed]
 48. **Dassanayake T**, Weerasinghe VS, Dangahadeniya U, Kularatne K, Dawson A, Karalliedde L, Senanayake N. Cognitive processing of visual stimuli in patients with organophosphate insecticide poisoning. *Neurology* 2007; 68(23): 2027-2030. DOI: [10.1212/01.wnl.0000264423.12123.f0](https://doi.org/10.1212/01.wnl.0000264423.12123.f0). [Pubmed]

Book Chapters

1. **Dassanayake TL**. 2024. Chapter 63, Theanine (L-gamma-glutamylethylamide) in tea: Effects on attention and underlying neurophysiology. In: Preedy V.R. P, Patel V, editors. *Tea in Health and Disease Prevention*. 2 ed. Elsevier; p. 743-755. <https://shop.elsevier.com/books/tea-in-health-and-disease-prevention/preedy/978-0-443-14158-4>

Research Conference Presentations / Published Abstracts

International:

1. Dassanayake TL, Keragala S, Kekulawala N, et al. Regression-based, height-, age-, and limb length-adjusted norms for F-waves in Sri Lankan adults. The 33rd International Congress of Clinical Neurophysiology. Jakarta, Indonesia 2024: 69.
2. Nawarathna G, Ariyasinghe DI, L. DT. High-dose L-theanine-caffeine combination improves behavioural and neurophysiological measures of selective attention in acutely sleep-deprived young adults: a double-blind, placebo-controlled crossover study. The 33rd International Congress of Clinical Neurophysiology. Jakarta, Indonesia 2024: 86.
3. Nawarathna NGS, Ariyasinghe DI, Balasooriya N, Dassanayake TL. Effects of L-theanine-caffeine combination on selective attention among adolescents with attention deficit hyperactive disorder: A proof-of-concept, double-blind placebo-controlled crossover study. 15th International Congress of the SAARC Psychiatric Federation. July 2024. Colombo.
4. Karunaratne YMUW, Karunaratne SMDT, Karunaratne KISN, Karunasena PDKG, Karunathilake MGCW, Karunyan N, Kasuni DAKS, Kaushalya KKGH, Kiriwandala RS, Kodikara KKKMA, Kaflay H, Dassanayake TL. Effect of l-theanine on selective attention in a traffic-related reaction task in sleep-deprived healthy young adults: a double-blind

- placebo-controlled, crossover study. *Proceedings of the 8th Biennial Conference of South Asian Association of Physiologists (SAAP-8) 2022*. p120
5. Hewawasam C, Wickramasinghe A, Caldera M, Dassanayake TL. Subclinical memory impairment in unaffected siblings of patients with dementia. *Proceedings of the 8th Biennial Conference of South Asian Association of Physiologists (SAAP-8) 2022*. p124.
 6. Karunasena SP, Ariyaratna DC, Ranaweera R, Wijayakulasooriya J, Kim K, Dassanayake TL. Single-Channel EEG SSVEP-based BCI for Robot Arm Control. 2021 IEEE Sensors Applications Symposium (SAS)2021. p. 1-6.
<https://doi.org/10.1109/SAS51076.2021.9530189>
 7. Dassanayake TL, Weerasinghe VS, Gawarammana IB, Buckley N. Auditory event-related potential changes over 6 months following acute organophosphate pesticide poisoning: a follow-up study. British Society for Clinical Neurophysiology Summer 2021 Meeting. July 2021.
 8. Dassanayake TL, Weerasinghe VS, Gawarammana IB, Buckley N. Auditory event-related potential changes over 6 months following acute organophosphate insecticide poisoning: a follow-up study. 7th Asian Oceanian Congress on Clinical Neurophysiology, Kuala Lumpur, Jan 2021. *Clinical Neurophysiology* 132(8); e75.
<https://doi.org/10.1016/j.clinph.2021.02.152>
 9. Weerasinghe V, Dahanayake P, Sapurugala C, Weerasinghe N, Shiroma RGL, Dassanayake T. P-MD014. Long term repeated use of botulinum toxin injection for hemifacial spasms in sri lanka. 7th Asian Oceanian Congress on Clinical Neurophysiology, Kuala Lumpur, Jan 2021. *Clinical Neurophysiology*. 2021;132:e100.
<https://doi.org/10.1016/j.clinph.2021.02.233>
 10. Sedgewick ME, Dahanayaka P, Dassanayake TL, Senanayake S, Weerasinghe VS. The Corneo-Fundal Potential in Bilateral Optic Neuritis. Spring British Clinical Neurophysiology Society Meeting, Liverpool. May 2019
 11. Weerasinghe VS, Wijayasiri M, Weerasinghe NT, Dahanayake P, Shiroma RGL, Dassanayake T, et al. S38. Boston questionnaire and neurophysiological findings in carpal tunnel syndrome in Sri Lanka. *Clinical Neurophysiology*. 2018;129:e156. (presented at 31st International Congress of Clinical Neurophysiology of the International Federation of Clinical Neurophysiology; Washington, DC. May 2018)
 12. Alahakoon AAC, Dassanayake TL, Gawarammana IB, Sedgewick M, Weerasinghe VS. Single fibre electromyography as a predictor of intermediate syndrome. 16th Annual Congress of the Asia Pacific Association of Medical Toxicology. 2017. Kandy. Book of abstracts p. 93.
 13. Alahakoon C, Sedgewick ME, Buckley N, Dassanayake TL. Stimulated jitter electromyography in orbicularis oculi muscle in organophosphate insecticide poisoned patients. British Clinical Neurophysiology Society Summer Meeting. Sheffield. July 2017.
 14. Alahakoon AAC, Dassanayake TL, Gawarammana IB, Weerasinghe VS. Revisiting respiratory failure in acute organophosphorus insecticide self- poisoning in Sri Lanka. 16th Annual Congress of the Asia Pacific Association of Medical Toxicology. 2017. Kandy. Book of abstracts p. 81
 15. Ariyasinghe DI, Shiroma RGL, Kulatunga S, Dassanayake TL. Normative data for Cambridge Neuropsychological Test Automated Battery (CANTAB) for Sri Lankans: changes of cognitive functions from adolescence to late adulthood. World Psychiatric Association Regional Congress 8-12th October 2017. Berlin.

16. Dassanayake TL, Weerasinghe VS, Gawarammana IB, Buckley N. Changes of P300 event related potential in organophosphate pesticide poisoning. August 2017. Amsterdam.
17. Alahakoon AAC, Dassanayake TL, Sedgwick EM, Buckley N A, Weerasinghe VS. Stimulated single fiber electromyography in orbicularis oculi muscle in organophosphate insecticide poisoned patients. British Society for Clinical Neurophysiology 2016.
18. Dahanayake DWP, Dassanayake TL, Weerasinghe VS, Senanayake N. Long term follow up study of at-risk children for developing sensorineural hearing defects using brain stem auditory evoked potentials (BAEP). 8th Congress of the Federation of the Asian and Oceanian Physiological Societies (FAOPS) 2015. (Published in The Journal of Physiological Sciences 65: S-A84).
19. Weerasinghe V, Kahathuduwa C, Amarakoon T, Dassanayake T. Synergistic effect of theanine and caffeine on visual reaction time, evoked potentials and cognitive event related potentials. 2015 Annual Meeting of the American Clinical Neurophysiology Society (Published in Journal of Clinical Neurophysiology 32 (4), 396, 10.1097/WNP.000000000000175)
20. Kahathuduwa C, Weerasinghe V, Dassanayake T, Amarakoon T, Binks M. High Doses of Theanine Improve Visual Stimulus Discrimination in a Dose-dependent Manner. The FASEB Journal. 2016;30:1284.3.
21. Ariyasinghe DI, Abeyasinghe DRR, Dassanayake TL. Depression among women who are spouses of men with alcohol-related problems in rural Sri Lanka. World Psychiatric Association Regional Congress 2014 (Published in East Asian Archives of Psychiatry 2014 Vol 24 No.4 supplement p.68)
22. Tharaka Dassanayake, Vajira Weerasinghe, Indika Gawarammana, Kamal Naser, Nicholas Buckley. Neurophysiological markers of Cognitive Impairment in Organophosphate and Carbamate Insecticide Poisoning: Preliminary Findings. 4th Biennial Conference of South Asian Association of Physiologists (SAAP-3) 2014, Dhaka, Bangladesh
23. Cognitive Functions: Principles, Assessment Techniques and Implications. 4th Biennial Conference of South Asian Association of Physiologists (SAAP-3) 2014, Dhaka, Bangladesh
24. Weerasinghe V, Sedgwick M, Dassanayake T, Gawarammana I, Senanayake N, Naser K, Buckley N, Dawson A. Stimulated single fibre electromyography using concentric needle electrode in organophosphate insecticide poisoning in Sri Lanka. 30th International Congress of Clinical Neurophysiology 2014, Book of Abstracts, 565.
25. Wadugodapitiya SI, Weerasinghe VS, Dassanayake TL. Assessment of functional motor disability in children with Cerebral Palsy: Neuroaxis 2013, Abstract book, 59
26. Use of Event-related potentials in the study of sub-clinical cognitive effects of organophosphates. 3rd Biennial Conference of South Asian Association of Physiologists (SAAP-3) 2012, Colombo, Sri Lanka
27. Neurophysiological evidence of attentional modulation of visual processing in striate cortex. 3rd Biennial Conference of South Asian Association of Physiologists (SAAP-3) 2012, Colombo, Sri Lanka
28. Dahanayake P et al. Assessment of hearing using brainstem auditory evoked potentials (BAEP) in infants who had prolonged neonatal intensive care unit (NICU) stay in Sri Lanka. 3rd Biennial Conference of South Asian Association of Physiologists (SAAP-3) 2012, Colombo, Sri Lanka

29. Wadugodapitiya S. et al. Outcome of functional motor disability in ankle dorsiflexion in children with cerebral palsy following low-dose botulinum toxin A injection. 3rd Biennial Conference of South Asian Association of Physiologists (SAAP-3) 2012, Colombo, Sri Lanka, Abstract Book, p. 105
30. Role of temporal expectancy in attentional modulation of visual processing in striate and extrastriate cortex. 2011 Australasian Cognitive Neuroscience Conference. 9-12 December 2011, Sydney (Published in *Clinical EEG and Neuroscience* 2012, 43(3): 228)
31. Cognitive impairment in patients discharged following CNS-depressant drug overdose, and its implications in driving. *Australasian Society of Psychiatric Research Conference*. 5-8 December 2011, Dunedin, New Zealand
32. **Dassanayake TL**, Michie PT and Fulham R (2011). Exogenous visuospatial attention facilitates early extrastriate processing but not striate cortical processing of high-perceptual-load stimuli when the cues do not consistently predict target onset. *Conference Abstract: XI International Conference on Cognitive Neuroscience (ICON XI)*. September 2011, Palma Mallorca, Spain *Published in Front. Hum. Neurosci.* doi: 10.3389/conf.fnhum.2011.207.00326.
33. Effect of exogenous attention on early visual processing: An event-related potential study of facilitation and inhibition phases of exogenous attention. *Australasian Cognitive Neurosciences Conference*. 26-29 November 2010, Melbourne, Australia
34. Incomplete recovery of cognitive functions at discharge in patients with CNS depressant drug overdose. *North American Congress of Clinical Toxicology*. 7-12 October 2010. Denver, Colorado USA. Published in *Clinical Toxicology* 2010, 48(6): 636.
35. Cognitive functions in Patients with sedative psychotropic drug overdose. *Annual Conference of Australasian Society for Psychiatric Research*. 2-4 December 2009. Canberra, Australia.
36. Auditory Event-Related Potential Changes in Chronic Low-Level Exposure to Organophosphate Pesticides. *18th Australasian Psychophysiology Conference*. 27-29 November 2008. Hobart, Australia (Published in *Clinical EEG and Neuroscience* 2009, 40(3): 224.
37. Long-lasting effects of acute organophosphorus insecticide poisoning on cognitive processing of visual information. *6th International Congress of Asia-Pacific Association of Medical Toxicology*. 12-14 December 2007. Bangkok, Thailand. Published in *Journal of Medical Toxicology* 2008, 4(3), 209.
38. Cognitive processing of visual and auditory stimuli in patients with organophosphate insecticide poisoning. *5th International Congress of Asia-Pacific Association of Medical Toxicology*. 6-8 August 2006. Colombo, Sri Lanka
39. Effects of organophosphate pesticide poisoning on time-course of cognitive processing. *XXVI International Congress of European Association of Poisons Centres and Clinical Toxicologists*. 19-22 April 2006. Prague, Czech Republic. Published in *Clinical Toxicology* 2006; 44 (4): 429-430.
40. **Dassanayake T**, Gawarammana I, Weerasinghe V, Dissanayake S, Pragaash S, Dawson A, Senanayake N. Cognitive Impairment in Chronic Occupational Exposure to Organophosphates: Psychophysiological Evidence. *Clinical Toxicology* 2008, 47(6): 631.

Local:

1. Nawarathna NGS, Ariyasinghe DI, Dassanayake TL. The effects of l-theanine-caffeine combination on selective attention in sleep-deprived young adults: a double-blind, placebo-controlled, crossover study. *Proceedings of the 46th Annual Academic Sessions of Kandy Society of Medicine*. February 2024. P30. Doi: <https://doi.org/10.4038/sljm.v33i5.494>
2. KASU Keragala, KRNU Kekulawala, TD Karunathilake, GKA Jayathilaka, SPR Jayawardhane, EUIJ Karunarathna, HMSS Karunarathne, KDWW Karunathilaka, LD Kavindini, TL Dassanayake. Height-, age-, and limb length-adjusted, regression-based norms for F-waves in Sri Lankan adults. *Proceedings of the Annual Conference of the Physiological Society of Sri Lanka*. 2023. p. 48.
3. VDP Liyanage, OKDT Kumarasiri, WAS Madhumali, KH Lakshitha, RAP Lakshitha, TL Dassanayake. Visuospatial memory in international chess federation-rated chess players: a controlled study. *Proceedings of the Annual Conference of the Physiological Society of Sri Lanka*. 2023. p. 52.
4. Bogahawaththa MA, Weerasinghe NT, Dassanayake TL. Sinhala translation of the Boston Carpal Tunnel Questionnaire and its correlation with clinical signs and electrodiagnostic criteria. *Proceedings of the 45th Annual Academic Sessions of Kandy Society of Medicine*. February 2023. p17.
5. Karunaratne YMUW, Karunaratne SMDT, Karunaratne KISN, Karunasena PDKG, Karunathilake MGCW, Karunyan N, Kasuni DAKS, Kaushalya KKGH, Kiriwandala RS, Kodikara KKKsMA, Kafly H, Dassanayake TL. Effect of l-theanine on selective attention in a traffic-related reaction task in sleep-deprived young adults: a double-blind placebo-controlled, crossover study. *Proceedings of the 43rd Annual Academic Sessions of Kandy Society of Medicine*. April 2021. p73.
6. Dassanayake TL, Ariyasinghe DI, Baminiwatta A, Hewawasam C, Shangesh V. Age-stratified percentile norms of the Raven Progressive Matrices for Sri Lankan adults. *Proceedings of the Annual Academic Sessions of the Sri Lanka College of Psychiatrists*, December 2021. p62
7. Abhayarathna H, Dassanayake TL, Ariyasinghe GMDI. Factor structure of the Sinhala version of the SNAP-IV ADHD questionnaire - Parent form: Preliminary findings. *Proceedings of the Annual Academic Sessions of the Sri Lanka College of Psychiatrists*, December 2021. p42
8. Liyanage LNP, Ariyasinghe DI, Dassanayake TL, a comparison of letter fluency and category fluency between dementia patients and healthy elderly individuals. *Proceedings of the 43rd Annual Academic Sessions of Kandy Society of Medicine*. April 2021. p89.
9. Jayasinghe JMYK, Katugaha BHMRH, Karunarathne IPNL, Jayasinghe RMGLD, Jayathissa DTA, Kalotuwawa NR, Kalpana R, Kaluarachchi KKNT, Kaushalya HWTS, Sonam K, Dassanayake TL. The association of internet addiction with reward-seeking behaviour and sustained attention in medical undergraduates. *Proceedings of Annual Research Sessions of Kandy Society of Medicine*. February 2020, p23.
10. Baminiwatta AKAB, Ariyasinghe DI, Hewawasam C, Dassanayake TL. Rey Auditory Verbal Learning Test (RAVLT): Age-, Sex- And Education-Adjusted Sri Lankan Norms. *Proceedings of Annual Research Sessions of Kandy Society of Medicine*. February 2020, p24.
11. Hewawasam C, Wickramasinghe A, Caldera M, Dassanayake TL. Are siblings of dementia patients poor in cognitive performance? *Proceedings of the Annual Conference of the Physiological Society of Sri Lanka*. 2019.

12. Kumara HECS, Wickramasinghe BAM, Dassanayake WDMTL. Cognitive functions in siblings of patients with dementia. *Proceedings of the 11th conference of the SAARC psychiatric federation and the 16th annual academic sessions of the Sri Lanka college of psychiatrists*. October 2019. p 38-39.
13. Wijesundara DA, Kahathuduwa CN, Amarakoon AMT, Weerasinghe VS, Dassanayake TL. The dose-response effect of theanine on cognition. *Proceedings of Association of Sri Lankan Neurologists Annual Sessions*. November 2018.
14. Dassanayake TL. Assessment of Cognitive Functions: Implications in Health and Disease in Old Age. *Proceedings of the Foundation Sessions 2018*. Kandy Society of Medicine. August 2018. p11.
15. Wijesundara DA, Kahathuduwa CN, Amarakoon AMT, Weerasinghe VS, Dassanayake TL. Dose-response effect of theanine on Cognition. *Proceedings of Annual Research Sessions of Kandy Society of Medicine*. February 2018
16. Samarakoon SMAB, Dassanayake T. Effect of anthropometric determinants on explosive power among high performing and novice badminton players. *Proceedings of the Annual Conference of the Physiological Society of Sri Lanka*. 2017. p. 54.
17. Alahakoon AAC , Dassanayake TL, Sedgwick EM, Gawarammana IB, Weerasinghe VS Stimulated single fiber electromyography in orbicularis oculi muscle in carbamate insecticide poisoned patients: a preliminary study. *Proceedings of the Peradeniya University Research Sessions*. 2016. 20: 216.
18. Dassanayake TL, Weerasinghe VS, Gawarammana IB, Buckley N. Subacute neurocognitive impairment in organophosphate and carbamate insecticide poisoning. *Proceedings of the Peradeniya University Research Sessions*. 2016. 20: 107.
19. Jayawardena WCK, Samarakkody IG, Dahanayake S, Monaragala L, Wijerathne DLN, Dassanayake TL and Antonypillai CN. Changes in alanine transaminase levels in response to statins: Sri Lankan experience in patients with type 2 diabetes mellitus with dyslipidaemia. *Proceedings of Annual Research Sessions of Kandy Society of Medicine* 2016.
20. Kahathuduwa CN, Weerasinghe VS, Amarakoon T, Dassanayake TL, Higgoda R, Uragoda B. Improvement of recognition reaction time with high doses of theanine: a preliminary study. *Physiological Society of Sri Lanka - Annual Academic Sessions*. 2013. Book of Abstracts.
21. Sapurugala C, Dinaratne A, Ariysinghe D, Dassanayake T. Association between neurobehavioural markers of error-processing and impulsiveness. *Physiological Society of Sri Lanka - Annual Academic Sessions*. 2014. Book of Abstracts. p.14
22. Dissanayaka T.D. et al. Immediate effectiveness of transcutaneous electrical nerve stimulation (tens) in treating trigger points of the upper trapezius in myofascial pain syndrome: a preliminary study. *Proceedings of the Peradeniya University Research Sessions*. July 2013. 17: 110.
23. Increased risk of road traffic accidents in patients discharged following treatment for psychotropic drug overdose. *Priority Research Centre for Brain and Mental Health Fourth Annual Postgraduate and Postdoctoral Conference*. 30 November 2011, Newcastle
24. Cognitive function in patients with sedative psychotropic drug overdose. *Centre for Brain and Mental Health Research Postgraduate and Postdoctoral Conference*. October 2009, University of Newcastle, Australia
25. Cognitive impairment in patients with sedative psychotropic drug overdose. Faculty Honours and Research EXPO. The University of Newcastle. Australia. 17 Sept 2009

26. A study on visual reaction time of male badminton and table tennis players, and the effect of warm-up on reaction time. *Proceedings of the Peradeniya University Research Sessions*. Oct 2003. 8: 123
27. Cognitive processing time in a simple visual reaction time task. *Proceedings of Physiological Society of Sri Lanka: Annual Sessions 2004*. Sri Lanka.
28. A study on visual reaction time of male badminton and table tennis players, and the effect of warm-up on reaction time. *Proceedings of Annual Research Sessions of Kandy Society of Medicine 2003*.
29. Cognitive processing time in a simple visual reaction time task. *Proceedings of the Peradeniya University Research Sessions*. Nov 2004. 9:98.

Orations. Invited Speeches, Workshops conducted

1. Probing Cognition in Health and Disease: From Brain to Bedside to the Community. Valentine Basnayake Memorial Oration at the 36th Annual Academic Sessions of the Physiological Society of Sri Lanka. Colombo, Sri Lanka
2. Cognitive effects of L-theanine, a constituent of tea: neurobehavioural, neurophysiological and neuroimaging evidence. 8th Biennial Conference of South Asian Association of Physiologists (SAAP-8) 2022, Colombo, Sri Lanka
3. Invited speech 'Neuro-electrophysiology - Principles and applications in organophosphate poisoning'. 41st International Congress of the European Association of Poisons Centres and Clinical Toxicologists, May 2021.
4. New Insights into Neurotoxicity and Respiratory Failure in Organophosphorus Insecticide Poisoning. Symposium Speech at 17th Annual Congress of the Asia Pacific Association of Medical Toxicology. November 2018. Bali, Indonesia.
5. Workshop on 'Applied Statistics in Medical Research: Regression Analysis'. Annual Academic Sessions of the Physiological Society of Sri Lanka: Precongress workshop. October 2018.
6. Assessment of Cognitive Functions: Implications in Health and Disease in Old Age. Kandy Society of Medicine. Foundation Sessions. August 2018.
7. Cognitive toxicity of pesticide poisoning and drug overdose: challenges for the transforming South Asia. Plenary Lecture at 16th Annual Congress of the Asia Pacific Association of Medical Toxicology. November 2017. Kandy, Sri Lanka.
8. Cognitive Toxicity: From Pesticides to Pharmaceuticals. Kandy Society of Medicine Oration 2017. February 2017. Kandy.
9. Role of Neurophysiologist in developing South Asia. Symposium speech at 5th Biennial Conference of South Asian Association of Physiologists 2016. Kathmandu, Nepal.
10. Where does cognition meet vision? Neurophysiological Evidence of Attentional Enhancement of Visual Processing in Striate Cortex. Seneviratne Memorial Award Presentation at the 2015 Annual Sessions of the Physiological Society of Sri Lanka.
11. Cognitive Functions: Principles, Assessment Techniques and Implications. 4th Biennial Conference of South Asian Association of Physiologists (SAAP-3) 2014, Dhaka, Bangladesh
12. Application of Statistics in Medical Research. CME Short Course organized by the Kandy Society of Medicine 2014

13. Cognitive Functions: Principles, Assessment Techniques and Implications, CME Lecture at the Postgraduate School of Medical Sciences, Faculty of Medicine, Peradeniya 2014
14. Introduction to Medical Research Design and Statistics, CME Short Course organized by the Kandy Society of Medicine 2013
15. Use of event-related potentials in the study of sub-clinical cognitive effects of organophosphates, 3rd Conference of South Asian Association of Physiologists (SAAP-3) 2012, Colombo, Sri Lanka
16. Effective use of resources in medical research, CME Lecture – Kandy Society of Medicine, 2012. Sri Lanka
17. Cognitive functions and traffic accident risk in patients clinically recovered from central nervous system depressant drug overdose, Psychology Colloquium March 2012, The University of Newcastle, Australia

Awards and Scholarships

- **2024** **Best Oral Presentation 2nd place.** Nawarathna NGS, Ariyasinghe DI, Balasooriya N, Dassanayake TL. Effects of L-theanine-caffeine combination on selective attention among adolescents with attention deficit hyperactive disorder: A proof-of-concept, double-blind placebo-controlled crossover study. 15th International Congress of the SAARC Psychiatric Federation. July 2024. Colombo.
- **2024:** **Best Oral Presentation.** Nawarathna NGS, Ariyasinghe DI, Dassanayake TL. The effects of l-theanine-caffeine combination on selective attention in sleep-deprived young adults: a double-blind, placebo-controlled, crossover study. *46th Annual Academic Sessions of Kandy Society of Medicine*. February 2024.
- **2023:** **Best journal publication 2022.** Awarded by the Ceylon College of Physicians. Paper: Dassanayake TL, Weerasinghe VS, Gawarammana IB, Buckley NA. Changes of attention-related brain activity over 6 months after acute organophosphate pesticide poisoning: a prospective follow-up study. *Clinical Toxicology*. 2022;60(5):576-584.
- **2022:** **Best Oral Presentation.** Hewawasam C, Wickramasinghe A, Caldera M, Dassanayake TL. Subclinical memory impairment in unaffected siblings of patients with dementia. 8th Biennial Conference of South Asian Association of Physiologists (SAAP-8) 2022. Colombo, Sr Lanka.
- **2022:** **Best Oral Presentation 3rd place.** Karunaratne YMUW, Karunaratne SMDT, Karunaratne KISN, Karunasena PDKG, Karunathilake MGCW, Karunyan N, Kasuni DAKS, Kaushalya KKGH, Kiriwandala RS, Kodikara KKK SMA, Kaflay H, Dassanayake TL. Effect of l-theanine on selective attention in a traffic-related reaction task in sleep-deprived healthy young adults: a double-blind placebo-controlled, crossover study. 8th Biennial Conference of South Asian Association of Physiologists (SAAP-8) 2022. Colombo, Sr Lanka.
- **2021:** **Best Oral Presentation.** Karunaratne YMUW, Karunaratne SMDT, Karunaratne KISN, Karunasena PDKG, Karunathilake MGCW, Karunyan N, Kasuni DAKS, Kaushalya KKGH, Kiriwandala RS, Kodikara KKK SMA, Kaflay H, Dassanayake TL. Effect of l-theanine on selective attention in a traffic-related reaction task in

sleep-deprived young adults: a double-blind placebo-controlled, crossover study. *43rd Annual Academic Sessions of Kandy Society of Medicine*. Kandy. Sri Lanka. April 2021

- **2021: Best Oral Presentation.** Auditory event-related potential changes over 6 months following acute organophosphate insecticide poisoning: a follow-up study. 7th Asian Oceanian Congress on Clinical Neurophysiology, Kuala Lumpur, Jan 2021.
- **2020: Best Oral Presentation 3rd place.** Baminiwatta AKAB, Ariyasinghe DI, Hewawasam C, Dassanayake TL. Rey Auditory Verbal Learning Test (RAVLT): Age-, Sex- And Education-Adjusted Sri Lankan Norms. *Proceedings of Annual Research Sessions of Kandy Society of Medicine*. February 2020
- **2019: Best Oral Presentation.** Hewawasam C, Wickramasinghe A, Caldera M, Dassanayake TL. Are siblings of dementia patients poor in cognitive performance? *Proceedings of the Annual Conference of the Physiological Society of Sri Lanka*. 2019.
- **2018: Best Oral Presentation.** Wijesundara DA, Kahathuduwa CN, Amarakoon AMT, Weerasinghe VS, Dassanayake TL. The dose-response effect of theanine on Cognition. Association of Sri Lankan Neurologists Annual Sessions. Nov 2018
- **2017: NRC Merit Ward for research**
- **2016: President's Award for Research Publication 2016**
- **2014: KN Seneviratne Memorial Award for Research in Physiology** awarded by the Physiological Society of Sri Lanka
- **2013: University of Peradeniya International Research Centre (InRC) Research Grant Award 2013** for the research project Normative data for Cambridge Neuropsychological test Automated Battery (CANTAB) for Sri Lankans
- **2013:** Wadugodapitiya SI, Weerasinghe VS, Dassanayake TL. Assessment of functional motor disability in children with Cerebral Palsy: Neuroaxis 2013. **3rd place for best presentation**
- **2013:** 'Australian Education International Endeavour Alumni Excellence Award' at the **Australian Alumni Excellence Awards 2013**, organized by the Australian Trade Commission and Australian High Commission of Sri Lanka, held on 23rd February 2013 in Colombo.
- **2012: Best oral presentation at 3rd Conference of South Asian Association of Physiologists (SAAP-3) 2012** held in November 2012 in Colombo, Sri Lanka (for the presentation titled 'Where does cognition meet vision? Neurophysiological evidence of attentional modulation of visual processing in striate cortex')
- **2008–12: Endeavour Postgraduate Award** (awarded by Department of Education, Employment and Workplace relations of the Australian Government) for PhD
- **2011: Most Outstanding Postgraduate Research Presentation - 2nd place (Honorary Mention)** at *University of Newcastle Priority Research Centre for Brain and Mental Health Fourth Annual Postgraduate and Postdoctoral Conference*. 30 November 2011
- **2011: Travel Award** from Calvary Mater Newcastle Special Purpose Trust Fund for *Australasian Society of Psychiatric Research Conference*. 5-8 Dec 2011, Dunedin, New Zealand

- **2011:** **Travel Award** from School of Psychology, University of Newcastle, Australia for *Australasian Society of Psychiatric Research Conference*. 5-8 Dec 2011, Dunedin, New Zealand
- **2011:** **Travel Award** from School of Psychology, University of Newcastle, Australia for 11th International Conference on Cognitive Neuroscience, 25-29 Sept 2011, Mallorca, Spain
- **2010:** **Award for Outstanding Postgraduate Research Student Achievement**, Faculty of Science and Information Technology, The University of Newcastle, Australia
- **2010:** **Research Higher Degrees Conference Scholarship** from Faculty of Science and Information Technology, The University of Newcastle to attend *North American Congress of Clinical Toxicology* 7-12 Oct 2010. Denver, Colorado USA.
- **2009:** **University of Newcastle International Postgraduate Research Scholarship (UNIPRS) International Tuition Fees Scholarship**
- **2009:** **President’s Award for Research Publication 2009**
- **2008:** **President’s Award for Research Publication 2008**
- **2008:** **Australian Leadership Award Scholarship** (AusAID programme, AUSTRALIA, for the PhD programme) – offered
- **2007:** **President’s Award for Research Publication 2007**
- **2004-7:** **Postgraduate Research Scholarship** for MPhil awarded by the South Asian Clinical Toxicology Research Collaboration (funded by Wellcome Trust and Australian NHMRC Grant no: GR071669MA)
- **2007:** **Travel Grant** from South Asian Clinical Toxicology Research Collaboration, University of Peradeniya to attend *6th International Congress of Asia-Pacific Association of Medical Toxicology* 12-14 Dec 2007. Bangkok, Thailand
- **2006:** **Travel Grant** from South Asian Clinical Toxicology Research Collaboration, University of Peradeniya to attend *XXVI International Congress of European Association of Poisons Centres and Clinical Toxicologists*. April 2006. Prague, Czech Republic
- **2003:** **Commendable Presentation** at Peradeniya University Research Sessions 2003
- **1996-2001:** **‘Mahapola’ Higher Education (Merit) Scholarship**
- **1994:** Bede Memorial Prize for **“Best All Round Student: 1994”**, St. Anthony’s College, Kandy, Sri Lanka.

Research Funding Obtained

Year	Award Type	Funding Body	Title	Currency, Amount
2024	Research Grant	Ekhagastiftelsen (Ekhaga foundation), Sweden (2023-142)	Effects of L-theanine-caffeine combination on selective attention in adolescents with ADHD and acutely sleep-deprived healthy adults	SEK 450,000
2021	Research Grant	University of Peradeniya (URG/2021/30/M)	Translating the parent form of SNAP IV ADHD questionnaire to Sinhala language and validating it in Sri Lanka	LKR 300,000

2021	Best Oral Presentation	International Federation of Clinical Neurophysiology at the 7 th Asian Oceanian Congress of Clinical Neurophysiology	Auditory event-related potential changes over 6 months following acute organophosphate insecticide poisoning: a follow-up study	USD 400
2020	Education Grant	International Federation of Clinical Neurophysiology at the 7 th Asian Oceanian Congress of Clinical Neurophysiology	Auditory event-related potential changes over 6 months following acute organophosphate insecticide poisoning: a follow-up study	USD 500
2020	Research grant	International Society for Pharmacoepidemiology (awarded to Medications and Driving Working Group)	Guidelines and Best Practices for Evaluating the Causal Effects of Medications on Motor Vehicle Crashes and Driving Outcomes using Observational Data	USD 13,000
2018	Travel Grant	South Asian Clinical Toxicology Research Collaboration	17 th Annual Congress of the Asia Pacific Association of Medical Toxicology. November 2018. Bali, Indonesia	LKR 176,000
2016	Travel Grant	South Asian Association of Physiologists (SAAP)	SAAP Biennial Conference, Kathmandu 2016	LKR 150,000
2016	Research Grant	University of Peradeniya	Dose-response effect of theanine on cognition: a cognitive event-related potential study	LKR 3,803,500
2014	Travel Grant	South Asian Association of Physiologists (SAAP)	SAAP Biennial Conference, Dhaka, Bangladesh 2014	LKR 100,000
2013	Research grant	International Research Center, University of Peradeniya, Sri Lanka	Normative data for Cambridge Neuropsychological test Automated Battery (CANTAB) for Sri Lankans	LKR 135,000
2013	Research Grant	University of Peradeniya, Sri Lanka	Development of biomarkers of neuromuscular junction dysfunction and neurocognitive dysfunction after toxic injuries	LKR 500,000
2008-2012	Postgraduate Research Scholarship	Department of Education, Employment and Workplace Relations, Australian Government	Endeavour Postgraduate Scholarship (ID: 434_2008) for PhD titled: Effects of central nervous system depressant drug overdose on cognitive functions and driving	AUD 214,100

2011	Travel Grant	Calvary Mater Newcastle, Special Purpose Trust Fund	<i>Australasian Society of Psychiatric Research Conference.</i> 5-8 Dec 2011, Dunedin, New Zealand	AUD 555.10
2011	Travel Grant	School of Psychology, University of Newcastle, Australia	<i>Australasian Society of Psychiatric Research Conference.</i> 5-8 Dec 2011, Dunedin, New Zealand	AUD 875.14
2011	Travel Grant	School of Psychology, University of Newcastle, Australia	11th International Conference on Cognitive Neuroscience, 25-29 Sept 2011, Mallorca, Spain	AUD 2,300
2010	Award for outstanding postgraduate research	The University of Newcastle, Australia	Effects of benzodiazepines, antidepressants and opioids on driving: a systematic review of epidemiological and experimental evidence. <i>Drug Safety</i> , 34(2):125- 56	AUD 250
2010	Conference Scholarship	The University of Newcastle, Australia	<i>North American Congress of Clinical Toxicology</i> 7-12 Oct 2010. Denver, Colorado USA.	AUD 1,800
2009	Research Grant	New South Wales Centre for Health Record Linkage	Evaluation of sedative drug overdose as a predictor of subsequent road traffic offences and accidents	AUD 23,000
2007	Travel Grant	South Asian Clinical Toxicology Research Collaboration	<i>6th International Congress of Asia-Pacific Association of Medical Toxicology</i> 12-14 Dec 2007. Bangkok, Thailand	LKR 45,000
2006	Travel Grant	South Asian Clinical Toxicology Research Collaboration	<i>XXVI International Congress of European Association of Poisons Centres and Clinical Toxicologists.</i> April 2006. Prague, Czech Republic	LKR 80,000

Reviewer for Indexed Journals

1. Psychopharmacology
2. Journal of Clinical Psychopharmacology
3. Psychological Medicine
4. Archives of Clinical Neuropsychology
5. European Neuropsychopharmacology
6. European Journal of Pharmacology
7. Journal of Nutrition
8. Frontiers in Psychiatry
9. Canadian Medical Association Journal

10. Psychology and Ageing
11. Traffic Injury Prevention
12. International Journal of Audiology
13. Canadian Journal of Physiology and Pharmacology
14. Canadian Journal of Aging

Membership in Professional Associations

1. International Clinical Neurophysiology Society (ICNS)
2. British Society for Clinical Neurophysiology (BSCN)
3. Asia-Pacific Association of Medical Toxicology (APAMT)
4. Society for Psychophysiology Research (SPR)
5. Physiological Society of Sri Lanka (PSSL)
6. Kandy Society of Medicine (KSM), Sri Lanka

Positions Held in the University and Professional Activities

1. Head, Department of Physiology, Faculty of Medicine University of Peradeniya (April 2020 – March 2023)
2. Member, Board of Examiners for the MD Psychiatry Part I conducted by the Postgraduate Institute of Medicine, 2021
3. Member, Board of Examiners for the MD Surgery part I conducted by the Postgraduate Institute of Medicine, 2020
4. Coordinator of the ‘Medical Statistics’ module of the Postgraduate Diploma in Medical Physiology, Postgraduate Institute of Medicine. Since 2014
5. Chairman, Research Committee, Faculty of Medicine, University of Peradeniya, Sri Lanka (2015-2018)
6. Joint Secretary, Kandy Society of Medicine, Sri Lanka 2015-16.
7. Member, Board of Study in Sports Medicine, Postgraduate Institute of Medicine, University of Colombo, Sri Lanka: 2014-15
8. Member of the Research Committee, Faculty of Medicine, University of Peradeniya, Sri Lanka - since 2012
9. Member of the Infrastructure Committee, Faculty of Medicine, University of Peradeniya, Sri Lanka - since 2012
10. Member of the Curriculum Monitoring and Evaluation Committee, Faculty of Medicine, University of Peradeniya, Sri Lanka – Since 2006
11. Executive Committee member of the Physiological Society of Sri Lanka –2005 - 2008
12. Executive Committee member of the Peradeniya Faculty of Medicine Teachers Association – 2005
13. Steering Committee member, Training Course on Public Health Emergency and Disaster Management organized by Faculty of Medicine, University of Peradeniya and World Health Organization – 2005
14. Coach, Badminton Team, University of Peradeniya, Sri Lanka – Since 2002
15. Member, University Sports Council – 1998

Participation in Professional Development and Continuing Education Activities

1. Basic and Advanced Techniques in Nerve Conduction Studies and Electromyography. Conducted by the International Federation of Clinical Neurophysiology (IFCN). Jakarta, Indonesia Sept 2024.
2. Epidemiologic Methods for Global Mental Health Research, Negombo. February 2019. Organized by Medical Research Council UK, University of Bristol and South Asian Clinical Toxicology Research Collaboration.
3. Organizer and resource person in the seminar on ‘An introduction to the concepts, methods and skills in inferential statistics in medical research’ conducted by the Faculty of Medicine, University of Peradeniya. February 2013.
4. Organizer and resource person in the workshop on ‘Effective use of resources in postgraduate research’ conducted by the Department of Physiology, Faculty of Medicine, University of Peradeniya. November 2012.
5. Post-congress workshop on ‘Clinical Neurophysiological Techniques: EMG, Evoked Potentials and Magnetic Stimulation’, 3rd Conference of South Asian Association of Physiologists (SAAP-3) 2012, Colombo, Sri Lanka – Resource person
6. Workshop on Neuroscan® EEG Data Analysis: The University of Newcastle. June 2010
7. 9th EEGLAB Workshop. Nov 25–Nov 27, 2009. Newcastle, Australia
8. MATLAB Fundamentals organised by The MathWorks Training Services, University of Newcastle, Australia
9. Workshop on Introduction to STATA programming organized by South Asian Clinical Toxicology Research Collaboration, 24-26 July 2006, Peradeniya, Sri Lanka
10. Workshop on ‘Agrochemical Poisoning’ organized by South Asian Clinical Toxicology Research Collaboration – August 2005, Colombo, Sri Lanka
11. Public Health Emergency & Disaster Management Training Course organized by the Faculty of Medicine, University of Peradeniya in Collaboration with the World Health Organization 11-17 December 2005.
12. Workshop on Clinical Research organized by Faculty of Medicine, University of Peradeniya - March 2005
13. Research Promotion and Development Programme organized by The World Health Organization and Kandy Society of Medicine, 24 April 2004
14. Workshop on Educational Technology organized by Faculty of Medicine, University of Peradeniya – June 2004
15. Workshop on Orientation to Research Methodology organized by Kandy Society of Medicine and World Health Organization – April 2004
16. Workshop on Re-designing and Evaluation of the Physiology Practical Component, Department of Physiology, Faculty of Medicine, University of Peradeniya

Community Work:

- Honorary coach for the badminton team of University of Peradeniya, Sri Lanka (2002-2007, 2012).
- Numerous public lectures and workshops on research methods. sport psychology, exercise.
- Numerous health / medical clinics around the country.

English Language Proficiency

IELTS (Academic) November 2006:	Component	Band Score
	Listening	9.0
	Reading	8.5
	Writing	7.0
	Speaking	7.0
	Overall band score:	8.0

English is the working language of all professional activities.

Extracurricular Activities / Interests

- Badminton:
 - Performed and won at college, university, provincial and national level in Sri Lanka with Colours at college, University and Provincial levels.
 - Individual event championships in Regional Open tournaments in Newcastle, Australia in 2010 & 2011.
- Painting
- Hiking
- Completed the Certificate course in ‘Introduction to Classical Music’ - offered through Coursera by Yale University

Referees

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3. Prof. Alison Jones BSc (Hons), MD FRCP FRCPE FiBIOL
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