

Curriculum Vitae

Dr. DAMITHA ASANGA GUNAWARDANE

MBBS, MSc , MD , FRSPH

Senior Lecturer (Grade II)

Department of Community Medicine,
Faculty of Medicine, University of Peradeniya.



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<https://med.pdn.ac.lk/departments/communitymedicine/staff/gunawardane.html>
<https://scholar.google.com/citations?user=h24peRMAAAAJ&hl=en>
https://www.researchgate.net/profile/Damitha_Gunawardane

PERSONAL IDENTIFY

Full name	Damitha Asanaga Gunawardane
Sex	Male
Marital Status	Married
Date of Birth	20 th June 1980
Current affiliation	Senior Lecturer, Department of Community Medicine, Faculty of Medicine, University of Peradeniya.

ACADEMIC QUALIFICATION

2017	Board Certification as a specialist in Community Medicine (4th January 2017) Post Graduate Institute of Medicine University of Colombo, Sri Lanka
2013-2015	MD in Community Medicine (1st of December 2015) Post Graduate Institute of Medicine University of Colombo, Sri Lanka Doctoral Thesis – “The neonatal outcomes, maternal risk factors and neonatal care cost of ‘adverse neonatal outcome’ following term deliveries at teaching hospital kandy”
2011-2012	MSc in Community Medicine (1st April 2012) Post Graduate Institute of Medicine University of Colombo, Sri Lanka Masters Dissertation – “Level of fatigue and daytime sleepiness among heavy vehicle drivers in Sri Lanka.”
2009 to date	Sri Lanka Medical Council Registration as a medical practitioner (24930)
2001-2007	MBBS Degree (1st of July 2007) Faculty of Medicine University of Peradeniya, Sri Lanka
2017	Certificate on Monitoring and Evaluation of Health Programmes by the Indian Institute of Public Health – Delhi
2016	Certificate on International Classification of Diseases (10th Revision) Morbidity and Mortality Coding (WHO-FIC-IFHMA Accredited) by WHO Collaboration Center, National Institute of Health Sciences , Kaluthara, Sri Lanka.

Fellowships

Fellow: Royal Society for Public Health, United Kingdom

RESEARCH INTERESTS

- 1 Maternal, child and newborn health
- 2 Health economic evaluation / Health technology assessment
- 3 Disease burden and classification
- 4 Public health policy
- 5 Medical statistics (Time series, Factor analysis, Meta-analysis, and survival analysis)
- 6 Monitoring and evaluation Health programme
- 7 Tool validation
- 8 Road traffic accidents
- 9 Health care standards and quality improvement
- 10 Workload Indicators of Staffing Need (WISN)

ORATIONS, AWARDS AND SCHOLARSHIPS	
Orations	
2024	“Sri Lankan newborns; improving survival and well-being” Bibile memorial oration at the KSM annual academic sessions 2024.
2023	“Are term neonates too small to be seen? Sri Lankan scenario.” Dr AVKV de Silva Oration 2023 of the College of Community Physicians of Sri Lanka.
Awards and scholarships	
2019	Invited and participated as a resource person in a joint workshop organized by Interacademy partnership and UK Academy of Medical Sciences, on universal health coverage in Low- and Middle-income countries in May 2019, London , UK.
2018	Selected as a young physician leader by the IAP for Health to participate in the Young Physician Leaders programme in conjunction with the World Health Summit 2018, Berlin, Germany, held 11-16th October 2018 <i>Awarded by Intra Academy Medical Panel and the World Academy of Sciences for 20 outstanding young physician leaders in the world</i>

	<i>aged under 40 years – Berlin, Germany. Under this selection, I completed their leadership training programme.</i>
2017	Post-doctoral research fellowship at Health Economics and Policy Unit, School of Public Health, University of Adelaide.
2016	Won 1st place in oral presentations on "Maternal & Child Health and Nutrition" at the 21st Annual scientific sessions of College of Community Physicians of Sri Lanka held 1-3 September 2016.
2015	Certificate of achievement in recognition of the contribution made to the community empowerment, health and nutrition promotion through active interest taken in the Mother's Support Group programme awarded by the Health Education Bureau, Ministry of Health, Sri Lanka.

POSITIONS HELD - University

04/2021 to date	Senior Lecturer, Department of Community Medicine, Faculty of Medicine, Peradeniya.
03/2025 to date	Co-Coordinator - Internal Quality Assurance Committee
10/2024 to date	Deputy Proctor, Faculty of Medicine, University of Peradeniya.
2025 - 26	President - Peradeniya Faculty Of Medicine Teachers' Association
03/2022 to 09/2024	Head of the E-Library , Faculty of Medicine.University of Peradeniya.
01/2024 to date	Member of the Board of Study in Multidisciplinary Study Courses of Postgraduate Institute Of Medicine, University Of Colombo.
Since 2022	Member of the Monitoring and Evaluation Committee of the Faculty of Medicine Peradeniya
Since 2022	Member of the Curriculum Development Committee (CDC) of the Faculty of Medicine Peradeniya
2022	Member of the Faculty Good Acceptance Committee for purchasing IT equipment for the year 2022

Since 2022	Member of the Publication Committee of the Faculty of Medicine, University of Peradeniya.
2024	External member of the Ethics Review Committee of the Faculty of Allied Health Sciences, University of Peradeniya for the year 2024.
2023	Member of the University SER writing committee of Institutional Review 2023 – Criterion 2
2023	Member of Faculty Review Committee (FReC) for MOUs and Agreements
Since 2022	IT Service committee representative of Faculty of Medicine, University of Peradeniya
Since 2021	Faculty representative of University Safety Committee, University of Peradeniya.
Since 2022	Coordinator of the student exchange programmes with Hokkaide University and Nagita University , Japan
Since 2022	Member of Faculty Sexual and Gender Based Violence (SGBV) Prevention Committee

POSITIONS HELD – Ministry of Health

06 /2019 – 04/2021	Consultant Community Physician - Planning Provincial Director of Health Services Office – Central Province
02 /2019 – 06/2019	Consultant Community Physician - Planning Regional Director of Health Services Office – Nuwaraeliya
10/2018 – 02/2018	Act. Consultant Community Physician – Planning Regional Director of Health Services Office – Kegalle
04/2018 – 10/2018	Act. Consultant Community Physician – Preventive Health Regional Director of Health Services Office – Kandy
02/2016 – 07/2016	Senior Registrar in Community Medicine at Family Health Bureau, Sri Lanka

08/2015 – 01/2016	Medical Officer of Maternal and Child health -Kandy District, Sri Lanka
02/2012 – 09/2013	Medical Officer of Maternal and Child health -Kegalle District, Sri Lanka
09/2009 – 10/2010	Additional Medical Officer of Health, at MOH Kanthale, Trincomalee, Sri Lanka
10/2010 – 11/2011	Medical Officers – Primary Care Unit Teaching Hospital Peradeniya, Sri Lanka.
07/2009 – 09/2009	Relief Medical Officer Radiology Unit, DGH Matale, Sri Lanka.
07/2008 – 07/2009	Intern Medical Officer – (in Pediatrics, Obstetrics and Gynecology) District General Hospital (DGH) Matale, Sri Lanka
2007 – 05/2008	Research Assistant – Department of Anesthesia, Faculty of Medicine, University of Peradeniya. Responsibilities – Contributed to the planning and development of research proposals and the conduct of the studies.

TEACHING EXPERIENCE - UNDERGRADUATE

04/2021 to date	Senior Lecturer, Department of Community Medicine, Faculty of Medicine, Peradeniya. Conduct lectures on medical statistics, demography and maternal child health.
2022/2023	I have served as a visiting lecturer of the Department of Botany, Faculty of Science, University of Peradeniya: Module taught, - MIC 4062 Biosecurity - Basic Infectious Disease Concepts and Bioterrorism - Academic Year 2021/2022 and 2022/2023
2021/2022	External examiner - Department of Community Medicine, Faculty of Medical Sciences, University of Sri Jayawardanapura. Responsibility – Examiner for the Research Viva of 4th year

	medical undergraduates
2019/2020	External examiner - Department of Community Medicine, Faculty of Medicine, University of Peradeniya. Responsibility – Examiner for the Research Viva of 4th year medical undergraduates.
09/2016 – 01/2017	Senior Registrar in Community Medicine, Department of Community Medicine, Faculty of Medicine, University of Peradeniya Responsibilities – Involved in teaching and training medical undergraduates. (This included review of student research projects and supervising student seminar presentations.)
11/2011 – 10/2013	Visiting Lecturer – Faculty of Applied Sciences, University of Rajarata, Sri Lanka. Responsibilities – Conducted lectures on Statistical methods in Biology for the graduate students , who are following the degree in health promotion. (Teacher/ Examiner)
09/2013 – 06/2015	Visiting Lecturer – Regional Training Center (Kadugannawa), Provincial Directorate of Health Services, Central Province, Sri Lanka. Responsibilities – Conducted lectures on public health services, Research methodology and statistics for Public Health Midwives, Nursing Officers, Public Health Inspectors and Medical Officers

TEACHING EXPERIENCE - POSTGRADUATE

2021 to date	Visiting Lecturer – Postgraduate Institute of Medicine, University of Colombo. Responsibilities – Conducted lectures on medical statistics for MSc Community Medicine and MD Community Medicine courses
2025	Visiting Lecturer – Postgraduate Institute of Medicine, University of Colombo. Responsibilities – Conducted lectures on medical statistics for MSc Medical Administration course

2019 -2022	Visiting lecturer – Postgraduate Institute of Science, University of Peradeniya. Responsibility – Conduct lectures for the MSc programme in Applied Epidemiology. (Teacher/ Examiner)
2019	Visiting Lecturer – Postgraduate Institute of Medicine, University of Colombo. Responsibilities – Conducted lectures on medical statistics for MSc Medical administration course
03/2017 – 03/2018	Post-doctoral research fellow, Health Economics and Policy Unit, School of Public Health, University of Adelaide Responsibilities – Apart from the research activities, two reports were done on selected aspects of public health systems in South Australia.
10/2016 – 01/2017	Visiting Lecturer – Postgraduate Institute of Humanities and Social Sciences (PGIHS), University of Peradeniya. Responsibilities – Conducted lectures on public health for graduate students following the Master of Development Practice programme conducted by the Department of Economics and Statistics, Faculty of Arts, The University of Peradeniya. (Teacher/ Examiner)

POSTGRADUATE RESEARCH SUPERVISION

In progress

2025	MSc Community Medicine – Post Graduate Institute of Medicine, Colombo A.L.G.K Aruppola Title - Student burnout and its' associated factors among Final Year Engineering Students of University of Peradeniya.
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Completed

2025	Master of Science in Applied Epidemiology, Post Graduate Institute of Science, University of Peradeniya. Fathima Jumana Jabeer Title - Growth faltering prevalence and associated factors among children aged 0–24 months: a cross-sectional study
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- 2025 Master of Science in Applied Epidemiology, Post Graduate Institute of Science, University of Peradeniya.
Y.R.S.E.W.B.W.M.R.S.G Yatiwelle
Title - The relationship between pre-pregnancy body mass index, gestational weight gain and neonatal birth weight among pregnant mothers in the Medical Officer of Health area, Mathurata.
- 2025 Diploma in Health Sector Disaster Management. Post Graduate Institute of Medicine, Colombo.
W.M.T.V.D. Wijekoon
Title - "Flood Preparedness Behaviour and Associated Factors Among Pregnant Mothers and Mothers Attending Vaccination Clinics Residing in Akurana Divisional Secretariat Division"
- 2024 Master of Sexual Health, Faculty of Medicine, University of Peradeniya.
H.M. Pubudu Herath
Title - "Knowledge and attitudes towards homosexuality and their associated factors among doctors at the national hospital of Sri Lanka."
- 2023 MSc Community Medicine – Post Graduate Institute of Medicine, Colombo.
Dr.D.M.H.K. Bandaranayeka
Title - "Fertility knowledge and attitudes related to the role in fertility health promotion, and their associated factors among public health midwives at the medical officer of health offices in Kandy district."
- 2022 MSc Community Medicine – Post Graduate Institute of Medicine, Colombo.
Dr. N R Wijesooriya
Title - "Level of depression, anxiety and stress and their associated factors among adult patients attending vitreoretinal clinics at National Eye Hospital, Colombo."

CONTRIBUTION AS A RESOURCE PERSON

- 2023/24 JST Youth Exchange Programme in Science (Sakura Science Exchange Programme) by Hokkaido University , Japan.
- 2022 Introduction to Research Methods and Data Analysis in Health Sciences - 3-Day Workshop organised by the Research and Development Division Faculty of Medicine, University of Peradeniya.

- 2022 Invited and participated as a resource person in a joint workshop organized by Inter-academy partnership and UK Academy of Medical Sciences, on Global Health Inequalities: Research for a fairer future in March – June 2022 (Virtual)
- 2020 Certificate course on research methodology organised by the Kandy Society of Medicine in October 2020.
- 2019 Invited and participated as a resource person in a joint workshop organized by Inter-academy partnership and UK Academy of Medical Sciences, on Universal health coverage in Low- and Middle-income countries in May 2019, London , UK.

MEMBERSHIPS

- 2016 Member of the national committee, for the development of Every Newborn Action Plan in Sri Lanka.
- 2016 Member of national resource pool, on Gender-based violence in Sri Lanka.
- 2016 Take part in developing and piloting national quality assessment tools on maternal, newborn and child health in curative sector institutions.
- 2016 Member of Sri Lankan Every Newborn Action Plan (SLENAP) advisory Committee
- 2013 – date Member of Sri Lanka Medical Association
- 2011 – date Member of College of Community Physicians, Sri Lanka.
- 2011 – date Member of Road Traffic Injuries Research Network (RTIRN)

REFEREED JOURNAL ARTICLES

2024	Gunawardane, DA "Sri Lankan Newborns; Improving Survival and Well-Being." J Sri Lanka Journal of Medicine 33, no. 1 (2024). DOI: https://sljm.sljol.info/articles/10.4038/sljm.v33i1.497
2023	Gunawardane, Damitha Asanga. "Construct Validity and Factor Structure of Sinhalese Version of Epworth Sleepiness Scale." Journal of the Ruhunu Clinical Society 28, no. 1 (2023): 34-38. https://doi.org/10.4038/jrcs.v28i1.136 .

2023	Gunawardane, D. A. , Dharmaratne, S. D. ., & Rowel, D. S. (2023). Neonatal care cost of “adverse neonatal outcome” following term deliveries in Sri Lanka. Bangladesh Journal of Medical Science, 22(2), 316–322. https://doi.org/10.3329/bjms.v22i2.64988
2023	Sirisena, P. , Samarakkody, S. , Subhani, B. , Gunawardana, D. , Perera, M. and Rathnayake, C. (2023) A Study on Risk Factors for Venous Thromboembolism and the Requirement of Thromboprophylaxis in Pregnancy and Postpartum Period in a Tertiary Care Centre in South Asian Country: A Cross Sectional Study. Open Journal of Obstetrics and Gynecology, 13, 403-413. doi: 10.4236/ojog.2023.133039.
2022	Rajindrajith, S., Gunawardane, D. , Kuruppu, C., Dharmaratne, S. D., Gunawardana, N. K., & Devanarayana, N. M. J. P. o. (2022). Epidemiology of aerophagia in children and adolescents: A systematic review and meta-analysis. 17(7), e0271494.
2021	Gunawardane, D.A. , Dharmaratne, S., & Rowel, D. (2021). Maternal risk factors for "adverse neonatal outcome" after term deliveries in Sri Lanka. J Journal of the Ruhunu Clinical Society, 26(1).
2020	Gunawardane, D.A. , Mallawaarachchi, S.I., Herath, P.H.M., Anwarama, R.S. and Warnasuriya, W.P.G.S., 2020. Role Stress Among Doctors Working in a Teaching Hospital in Sri Lanka. Journal of the Ruhunu Clinical Society, 25(1), pp.35–40. DOI: http://doi.org/10.4038/jrcs.v25i1.94
2019	Gunawardane, D.A. (2019). Type of economic evaluations. Journal of the College of Community Physicians of Sri Lanka, 25(3), pp.131–134. DOI: http://doi.org/10.4038/jccpsl.v25i3.8215
2018	Gunawardane, D. A. (2018). Human Papilloma Virus Vaccination for cervical cancer prevention. Is it safe and effective? Bangladesh Journal of Medical Science, 17(3), 329-336. doi: https://doi.org/10.3329/bjms.v17i3.36985
2018	Gunawardane, D.A. , D Dharmaratne, S., & S Rowel, D. (2018). Neonatal outcomes and neonatal care received by the term neonates following initial hospital discharge in Sri Lanka. Bangladesh Journal of Medical Science, 17(2), 194-199. doi: https://doi.org/10.3329/bjms.v17i2.35870
2017	Gunawardane, D.A , Dharmaratne, S., & Rowel, D. (2017). Neonatal outcome of term deliveries in Sri Lanka. South East Asia Journal of Public Health, 7(2), 34-39. https://doi.org/10.3329/seajph.v7i2.38854
2017	Gunawardane, D. A. , Dharmaratne, S. D., & Rowel, D. S. (2017). Relationship between maternal anthropometry and birth weight in a sri lankan cohort of term neonates. Sri Lanka Journal of Medicine, 26(2). doi: http://doi.org/10.4038/sljm.v26i2.35

2017	Gunawardane, D. A., Dharmaratne, S. D., & Rowel, D. S. (2017). The pattern of drug use among term neonates and cost implications: results from a study in a Sri Lankan neonatal care unit. <i>Journal of the Ruhunu Clinical Society</i> , 22(1), 8-13.doi: http://doi.org/10.4038/jrcs.v22i1.28
2014	Gunawardane, D. A., & Dharmaratne, S. D. (2014). Level of fatigue and daytime sleepiness among heavy vehicle drivers in Sri Lanka. <i>South East Asia Journal of Public Health</i> , 4(1), 9-16. doi: http://dx.doi.org/10.3329/seajph.v4i1.21832
2013	Gunawardane, D. A., & Dharmaratne, S. D. (2013). The pattern of Road Traffic Crashes in Sri Lanka from 2006 to 2009. <i>Journal of the College of Community Physicians of Sri Lanka</i> , 18(1), 33-34. doi: http://dx.doi.org/10.4038/jccpsl.v18i1.6079
	Publications as a co-author in Global Burden of Disease Collaborator studies
2025	GBD 2021 Dietary Iron Deficiency Collaborators . Global, regional and national burden of dietary iron deficiency from 1990 to 2021: a Global Burden of Disease study. Nature Medicine, pp.1-21. DOI : 10.1038/s41591-025-03624-8
2025	GBD 2021 Asthma and Allergic Diseases Collaborators (2025) .Global, regional, and national burden of asthma and atopic dermatitis, 1990–2021, and projections to 2050: a systematic analysis of the Global Burden of Disease Study 2021. The Lancet Respiratory Medicine, 13(5), pp.425-446. DOI : 10.1016/S2213-2600(25)00003-7
2025	GBD 2021 Adult BMI Collaborators (2025). Global, regional, and national prevalence of adult overweight and obesity, 1990–2021, with forecasts to 2050: a forecasting study for the Global Burden of Disease Study 2021. The Lancet, 405(10481), pp.813-838. DOI: 10.1016/S0140-6736(25)00355-1
2025	GBD 2021 Adolescent BMI Collaborators (2025). Global, regional, and national prevalence of child and adolescent overweight and obesity, 1990–2021, with forecasts to 2050: a forecasting study for the Global Burden of Disease Study 2021. The Lancet, 405(10481), pp.785-812. DOI: 10.1016/S0140-6736(25)00397-6
2024	Global Nutrition Target Collaborators (2024). Global, regional, and national progress towards the 2030 global nutrition targets and

	<p>forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021</p> <p>The Lancet, Volume 404, Issue 10471, 2543 – 2583</p> <p>DOI: 10.1016/S0140-6736(24)01821-X</p>
2024	<p>GBD 2019 Injuries Collaborators (2024). Global, regional, and national burden of injuries, and burden attributable to injuries risk factors, 1990 to 2019: results from the Global Burden of Disease study 2019.</p> <p>Public Health 2024, 237:212-231.</p> <p>DOI - https://doi.org/10.1016/j.puhe.2024.06.011</p>
2024	<p>Global Nutrition Target Collaborators (2024). Global, Regional, and National Progress Towards the 2030 Global Nutrition Targets and Forecasts to 2050: A Systematic Analysis for the Global Burden of Disease Study 2021."</p> <p>The Lancet 404, no. 10471 (2024): 2543-83.</p> <p>DOI: 10.1016/S1474-4422(24)00369-7</p>
2024	<p>GBD 2021 Tobacco Forecasting Collaborators (2024). Forecasting the Effects of Smoking Prevalence Scenarios on Years of Life Lost and Life Expectancy from 2022 to 2050: A Systematic Analysis for the Global Burden of Disease Study 2021."</p> <p>The Lancet Public Health 9, no. 10 (2024): e729-44.</p> <p>DOI: 10.1016/S2468-2667(24)00166-X</p>
2024	<p>GBD 2021 Forecasting Collaborators(2024). Burden of Disease Scenarios for 204 Countries and Territories, 2022–2050: A Forecasting Analysis for the Global Burden of Disease Study 2021.</p> <p>The Lancet 403, no. 10440 (2024): 2204-56.</p> <p>DOI: 10.1016/S0140-6736(24)00685-8</p>
2024	<p>GBD 2021 Risk Factors Collaborators (2024). Global Burden and Strength of Evidence for 88 Risk Factors in 204 Countries and 811 Subnational Locations, 1990–2021: A Systematic Analysis for the Global Burden of Disease Study 2021."</p> <p>The Lancet 403, no. 10440 (2024): 2162-203.</p> <p>DOI: 10.1016/S0140-6736(24)00933-4</p>
2024	<p>GBD 2021 Diseases and Injuries Collaborators (2024). Global Incidence, Prevalence, Years Lived with Disability (Ylds), Disability-Adjusted Life-Years (Dalys), and Healthy Life Expectancy (Hale) for 371 Diseases and Injuries in 204 Countries and Territories and 811 Subnational Locations, 1990–2021: A Systematic Analysis for the Global Burden of Disease Study 2021.</p>

	The Lancet 403, no. 10440 (2024): 2133-61. DOI: 10.1016/S0140-6736(24)00757-8
2024	GBD 2021 Causes of Death Collaborators (2024). Global Burden of 288 Causes of Death and Life Expectancy Decomposition in 204 Countries and Territories and 811 Subnational Locations, 1990–2021: A Systematic Analysis for the Global Burden of Disease Study 2021. The Lancet 403, no. 10440 (2024): 2100-32. DOI: 10.1016/S0140-6736(24)00367-2
2024	GBD 2021 Fertility and Forecasting Collaborators (2024). Global Fertility in 204 Countries and Territories, 1950–2021, with Forecasts to 2100: A Comprehensive Demographic Analysis for the Global Burden of Disease Study 2021. The Lancet 403, no. 10440 (2024): 2057-99. DOI: 10.1016/S0140-6736(24)00550-6
2024	Global Burden of Disease 2019 Asia and All Cancers Collaborators (2024). Temporal patterns of cancer burden in Asia, 1990–2019: a systematic examination for the Global Burden of Disease 2019 study. The Lancet Regional Health-Southeast Asia, 21. DOI: https://doi.org/10.1016/j.lansea.2023.100333
2024	Global Burden of Disease 2021 Demographics Collaborators (2024). Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. The Lancet. DOI: https://doi.org/10.1016/S0140-6736(24)00476-8
2024	Global Burden of Disease 2021 Nervous System Disorders Collaborators (2024). Global, regional, and national burden of disorders affecting the nervous system, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. The Lancet Neurology. 23(4): 344–81 DOI: https://doi.org/10.1016/S1474-4422(24)00038-3
2023	Global Burden of Disease 2021 Anaemia Collaborators. (2023). Prevalence, years lived with disability, and trends in anaemia burden by severity and cause, 1990–2021: findings from the Global Burden of Disease Study 2021. The Lancet Haematology, 10(9), e713-e734. https://doi.org/10.1016/S2352-3026(23)00160-6
2023	Global Burden of Cardiovascular. Diseases and Risks Collaborators (2023). Global burden of cardiovascular diseases and risks, 1990-2022. Journal of the American College of Cardiology, 82(25), 2350-2473. https://doi.org/10.1016/j.jacc.2023.11.007

2023	Global Burden of Disease 2021 Health Financing Collaborator Network .Global investments in pandemic preparedness and COVID-19: development assistance and domestic spending on health between 1990 and 2026. The Lancet Global Health 2023;11(3):e385-e413. doi: https://doi.org/10.1016/S2214-109X(23)00007-4 .
2022	GBD 2019 Cancer Risk Factors Collaborators. The global burden of cancer attributable to risk factors, 2010–19: a systematic analysis for the Global Burden of Disease Study 2019. The Lancet 2022;400(10352):563-91. doi: https://doi.org/10.1016/S0140-6736(22)01438-6 .
2022	GBD 2019 Antimicrobial Resistance Collaborators. Global mortality associated with 33 bacterial pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019. The Lancet 2022;400(10369):2221-48. doi: https://doi.org/10.1016/S0140-6736(22)02185-7 .
2022	GBD 2019 Adolescent Transport and Unintentional Injuries Collaborators. Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019. The Lancet Public Health 2022;7(8):e657-e69. doi: https://doi.org/10.1016/S2468-2667(22)00134-7 .

Consultancies

2022	As the external consultant, completed the WHO assignment to provide national-level consultancy to support to development of a supervision framework and revise the supervision guidelines of the national Reproductive Maternal Newborn Child and Adolescent Health Programme in Sri Lanka. (PO 202894842)
2019-20	Costing consultant of the multidisciplinary group, conduct the cost analysis of implementation plan of the national strategic plan on adolescent and youth health in sri lanka (2020-2025).
2018	Costing consultant of the multidisciplinary group, conduct the cost analysis of Sri Lankan Every Newborn Action Plan (SLENAP) to end the preventable morbidity and mortality 2017-2020.

Reports

2022	The InterAcademy Partnership (IAP). (2022). Global Health Inequalities: Research for a fairer future; The role of research in supporting access to quality and robust health services. URL - https://www.interacademies.org/publication/global-health-inequalities-research-fairer-future
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2020	Gunawardane, D. A., Vithana, P. V. S. C., Danansuriya, M. N., Jayasekara, H., Mataraarachchi, D., Nazeer, I., Nupehewa, S., Gunathilake, I., Jayasundara, C. J., Gunasoma, A., Jayakody, H., Lokubalasooriya, A., & Silva, C. de. (2020). Costed Implementation Plan on Adolescent and Youth Health Sri Lanka (2020-2025). Colombo, Sri Lanka : Family Health Bureau, Ministry of Health. doi: 10.13140/RG.2.2.14538.54727. URL - https://www.researchgate.net/publication/371117445_Costed_Implementation_Plan_on_Adolescent_and_Youth_Health_Sri_Lanka
2019	The InterAcademy Partnership (IAP). (2019). Achieving universal health coverage in LMICs: The role of quality of care research. URL - https://www.interacademies.org/publication/achieving-universal-health-coverage-lmics-role-quality-care-research
2018	Gunawardane, D. A., Karnon, J., Rowel, D.D.S., Lucas, N., Gamaethige, N., Mathota C., Ratnasiri, U. D. P., Hemachandra N. & Jayakody, H. (2018). Cost Analysis of Sri Lanka Every Newborn Action Plan to End Preventable Morbidity and Mortality. Colombo, Sri Lanka.: Family Health Bureau, Ministry of Health. (ISBN: 978-955-1503-56-7) URL - https://drive.google.com/file/d/1kP70l90OyelIVSufXOUiuCgI8n8_Rj4m/view
2016	Family Health Bureau. (2016). Sri Lanka Every Newborn; An Action Plan to End Preventable Morbidity and Mortality. Retrieved from Family Health Bureau, Colombo, Sri Lanka URL - https://drive.google.com/file/d/1pt5cf7Ci5n5rSe8RWUp5sq4tSaxK8eMX/view

REFEREED CONFERENCE PAPERS – Oral Presentations

2024	Ekanayake E.M.K.B., Gunawardane, DA, . (2024). The trends in suicide deaths in elderly population in Sri Lanka from 2005 to 2015. Paper presented at the 29th Annual Academic Sessions of College of Community Physicians of Sri Lanka, Colombo , Sri Lanka.
2024	Weerasooriya R.M.B.S, Weradoowa H.M., Wickremasinghe W.A.M.S., Widanagamage P.W.S.J.P., Gunawardane D.A.(2024).Out-of-pocket expenditure (OOPE) on diabetic care, diabetic drug adherence and factors associated with them among patients attending the diabetic clinic at Teaching Hospital Peradeniya, Sri Lanka. Paper presented at the 29th Annual Academic Sessions of College of Community Physicians of Sri Lanka, Colombo, Sri Lanka.

2024	Rathnadivakara O.W.B.S.K., Gunawardane, DA,. (2024). Can Sri Lanka achieve global nutritional targets by 2025? time series analysis from 2012 to 2020. Paper presented at the Peradeniya University International Research Symposium and Exposition (IPURSE) 2024 , “A Resilient and Sustainable Sri Lanka: Weaving Together Diverse Threads”, University of Peradeniya, Sri Lanka.
2024	W.D.S.E. Abeykoon, V. K. I. U. A., E.M.K.B. Ekanayake, B. Gowrishanker, T. Islam, Y. Nakano, P.K.G.N.N. Thilakarathne, Y. Obayashi, D.A. Gunawardane. (2024). A Comparison of Waste Management Practices between Bangladesh, Japan and Sri Lanka. Paper presented at the Peradeniya University International Research Symposium and Exposition (IPURSE) 2024 , “A Resilient and Sustainable Sri Lanka: Weaving Together Diverse Threads”, University of Peradeniya, Sri Lanka
2024	W.D.S.E. Abeykoon, E. M. K. B. E., B. Gowrishanker, S. Koirala, S.D. Dharmaratne, D.A. Gunawardane. (2024). Comparative analysis of fatal road traffic accidents: a study of Nepal and Sri Lanka. Paper presented at the Peradeniya University International Research Symposium and Exposition (IPURSE) 2024, “A Resilient and Sustainable Sri Lanka: Weaving Together Diverse Threads”, University of Peradeniya, Sri Lanka.
2023	Prasanga P.T.S., Jayamini A.G.D., Gunawardane D.A., "Trend of Caesarean Section Rate in Sri Lanka: 2005 - 2021." Paper presented at the 28th Annual Academic Sessions of the College of Community Physicians of Sri Lanka, 2023.
2023	Prasanga PTS, Alwis VKIU, Yamaguchi M, Nandasena HMRKG, Obayashi Y, Gunawardane DA, "Trends of Hiv Incidence over the Last Two Decades between Japan and Sri Lanka: A Comparative Study." Paper presented at the 136th Anniversary International Medical Congress, Sri Lanka Medical Association, BMICH, Colombo, Sri Lanka, 2023.
2021	Gunawardane,D.A. (2021). Trends in cancer incidence and mortality in Sri Lanka, 2005 – 2015. Paper presented at the 14 th International Conference on Health Sciences 2021, Colombo, Sri Lanka.
2019	Gunawardane, D. A., Karnon, J., Rowel, D.D.S., Lucas, N., Gamaethige, N., Mathota C., Ratnasiri, U. D. P., Hemachandra N. & Jayakody, H. (2019). Cost Analysis of Sri Lanka Every Newborn Action Plan to End Preventable Morbidity and Mortality in Sri Lanka. Paper presented at the 18th Annual Scientific Congress 2019 of Perinatal Society of Sri Lanka, Colombo.

2019	Gunawardane, D.A., D Dharmaratne, S., & S Rowel, D. (2019). Maternal Risk Factors for 'Adverse Neonatal Outcome' Following Term Deliveries In Sri Lanka. Paper presented at the 18th Annual Scientific Congress 2019 of Perinatal Society of Sri Lanka, Colombo.
2018	Gunawardane, D.A., D Dharmaratne, S., & S Rowel, D. (2018). Time series analysis of maternal mortality in Sri Lanka: 1995 - 2015. Paper presented at the Sri Lanka Medical Association 131 Anniversary International Medical Congress, Colombo.
2017	Gunawardane, D. A., & Karnon, J. (2017). 'Economic cost of neonatal care at public hospitals in Australia'. Paper presented at the 2017 State Population Health conference, Adelaide, South Australia.
2017	Gunawardane, D. A., & Karnon, J. (2017). Caesarean section rate in Australia: Time series analysis 1995-2014. Paper presented at the 2017 State Population Health conference, Adelaide, South Australia.
2016	Gunawardane, D. A., Dharmaratne, S. D., & Rowel, D. D. S. (2016). Time series analysis of neonatal mortality in Sri Lanka. Paper presented at the 21st Annual Scientific Sessions of Collage of Consultant Community Physicians of Sri Lanka, Colombo.
2014	Gunawardane, D. A., & Dharmaratne, S. D. (2014). Weight gain during pregnancy; how much is enough? Paper presented International Research Sessions University of Peradeniya, Sri Lanka.
2014	Gunawardane, D. A., & Dharmaratne, S. D. (2014). A Sinhalese version of Epworth Sleepiness Scale: Psychometric analysis. Paper presented at the Annual Academic Sessions of Sri Lanka Collage of Psychiatrists" Mental Health to the Fore", Kandy, Sri Lanka.
2012	Gunawardane, D. A., & Dharmarathne,S.D. (2012). Heavy vehicle crashes in Sri Lanka. Paper presented at the 44th APACPH Conference, BMICH, Colombo Sri Lanka.
2011	Gunawardane, D. A., & Dharmarathne,S.D. (2011). Pattern of road traffic crashes in Sri Lanka from 2006 to 2009. Paper presented at the Sixteenth annual academic sessions, Collage of community physicians of Sri Lanka. Colombo, Sri Lanka.
2008	Gunawardana,K., Gunawardane,D.A., Kariyawasam,S.S.M.,Dissanayake, D.M.P,2008, Knowledge on family planning and use of modern contraceptive methods among female nursing officers working at Teaching Hospital Peradeniya., in 30th annual academic session. Kandy Society of Medicine.

2008	Gunawardana,K., Gunawardane,D.A. ,Kariyawasam,S.S.M.,Dissanayake, D.M.P.2008, Safe motherhood needs assessment in Nuwara Eliya district, in 30th annual academic session. Kandy Society of Medicine.
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REFEREED CONFERENCE PAPERS – Poster Presentations

2024	Ekanayake EMKB, G. B., Gowrishanker B, Abeykoon WDSE, Gunawardane DA, Vadysinghe AN,. (2024). A retrospective descriptive study of elderly deaths autopsied at the Department of Forensic Medicine, University of Peradeniya, Sri Lanka. Paper presented at the 10th Anniversary Annual Academic Sessions , “Enhancing the Landscape in Geriatric Medicine”, Colombo, Sri Lanka.
2023	Uyangodage AS, Wanninayake WMTN, Warnasooriya DGH, Wasala WMBS,, Weerakkody WABK Weerakkodi KGDT, Weerasekara OWLK, Weerasinghe SMIP,, Weerasinghe DPTM Weerasinghe WMTM , Gurung S, Wangchuk K, Tshering K,, and Gunawardane DA . "Knowledge and Attitudes Regarding Homosexuality and Their Associated Factors among Pre-Clinical Medical Students at the Faculty of Medicine Peradeniya." Paper presented at the 136th Anniversary International Medical Congress of Sri Lanka Medical Association, BMICH, Colombo, Sri Lanka, 2023
2019	Gunawardane, D.A. , D Dharmaratne, S., & S Rowel, D. (2019). Neonatal Care Cost Of ‘ Adverse Neonatal Outcome ‘ Following Term Deliveries In Sri Lanka. Paper presented at the 18th Annual Scientific Congress 2019 of Perinatal Society of Sri Lanka, Colombo.
2018	Gunawardane, D.A. , D Dharmaratne, S., & S Rowel, D. (2018). The increasing trend in caesarean section rate : Sri Lankan scenario, 2005 - 2016. Paper presented at the Sri Lanka Medical Association 131 Anniversary International Medical Congress, Colombo.
2018	Gunawardane, D.A. , D Dharmaratne, S., & S Rowel, D. (2018). Activities of lactation management centers in Western Province, Sri Lanka 2015. Paper presented at the Sri Lanka Medical Association 131 Anniversary International Medical Congress, , Colombo.
2016	Gunawardane, D. A. , Dharmaratne, S. D., & Rowel, D. D. S. (2016). Neonatal care cost of most prevalent neonatal conditions among neonates in the tertiary level neonatal care unit. Paper presented at the 21st Annual Scientific Sessions of Collage of Consultant Community Physicians of Sri Lanka, Colombo.

2016	D.A. Gunawardane , S.D. Dharmarathna, & Rowel, D. D. S. (2016). The neonatal outcomes, maternal risk factors and neonatal care cost of 'adverse neonatal outcome' following term deliveries at teaching hospital kandy. Paper presented at the 129 th Anniversary International Medical Congress of the Sri Lanka Medical Association 2016, Colombo. Sri Lanka.
2014	Gunawardane, D. A. , Herath , H. M. P., Mallawaarachchi , S. I., Anwarama, R. S., & Warnasuriya, W. P. G. S. (2014). Role stress among doctors working in a teaching hospital. Paper presented at the International Conference on Multidisciplinary Approaches - 2014, University of Sri Jayewardenepura ,Nugegoda, Sri Lanka.
2014	Gunawardane, D. A. , & Dharmaratne, S. D. (2014). Survey on sociodemographic characteristics, working conditions and health status of heavy vehicle drivers in Sri Lanka. Paper presented at the 127 th Anniversary International Medical Congress of the Sri Lanka Medical Association.
2014	Gunawardane, D. A. & Dharmaratne, S. D. (2014). Fatal Crashes on Sri Lankan Roads. Paper presented at the 127 th Anniversary International Medical Congress of the Sri Lanka Medical Association.
2012	Gunawardane, D. A. & Dharmaratne, S. D. (2012). Level of fatigue and day time sleepiness among heavy vehicle drivers attending National Transport Medical Institute Kandy. Paper presented at the Proceedings of Annual Scientific Sessions of Faculty of Medical Sciences, University of Jayawardanepura.
2012	Gunawardane, D. A. & Dharmarathne,S.D. (2012). Level of fatigue among heavy vehicle drivers in Sri Lanka. Paper presented at the 44 th APACPH Conference, BMICH, Colombo Sri Lanka.

EXPERIENCE IN ARTICLE/ ABSTRACT REVIEW

Journal Reviewer	
2017, 2022	Bulletin of the World Health Organization
2022	Sri Lankan Journal of Anaesthesiology
2019	Sri Lanka Journal of Medicine
Abstract review	
2022	The international research & innovation symposium on Dengue amidst pandemic 2022: improving preparedness and response for multi-hazard scenarios
2021	Annual Academic Sessions of CCPSL, 2021 - theme "Maternal and Child Health".
2019	Annual Academic Sessions of Perinatal Society of Sri Lanka 2019

2019	6th Research Symposium Department of Health Services Central Province - 2019
2019	National Health Research Symposium 2019
2017	National Health Research Symposium 2017

TRAINING

2023	Successfully completed the certificate course on “Leading and Managing Universities” conducted by the Staff Development Centre of the University of Peradeniya.
2021	Successfully completed the certificate course on “Teaching in Higher Education (CTHE) - 2021 (Induction Program)” conducted by the Staff Development Center of University of Peradeniya.
2021	Successfully completed the examiner training programme conducted by Postgraduate institute of Medicine, University of Colombo.
2021	Successfully completed the trainer - training programme conducted by Postgraduate institute of Medicine, University of Colombo.
2018	Participated the Young Physician Leaders programme , Berlin, Germany from 11-16 October 2018 conducted by InterAcademyPartnership for Health in cooperation with ESTM Berlin (European School of Management and Technology).
2017	Audited the course on “Applied health economic evaluation and decision making.” conducted by the School of Public Health, University of Adelaide.
2017	Audited the course on “Foundations of economic evaluation in healthcare” conducted by the School of Public Health, University of Adelaide.
2017	Participated in an R language workshop organized by the Bioinformatics Hub, University of Adelaide.
2017	Successfully completed the certificate course on “Monitoring and evaluation of health programmes ” conducted by the Indian Institute of Public Health of Public Health Foundation of India.
2016	Participated in the workshop on “Professionalism and ethics in medical practice” organized by the Medical Education Resource Center of Post Graduate Institute of Medicine, University of Peradeniya.
2016	Participated the Regional training workshop on Costing Every Newborn Action Plan using OneHealth Tool by UNICEF

2016	Participated in the workshop on monitoring and enforcing the Sri Lankan code for promotion, protection and support of breastfeeding and marketing of designated products conducted by International Code Documentation Center and World Health Organization.
2016	Successfully completed the ICD 10 coder training course of National Center for classification in Health (Brisbane) conducted by National Institute of Health Services, Kaluthara. Srilanka.
2015	Participated in an intensive course in “Epidemiology and Survey Methods” at Hokkaido University Inter-Graduate School, Japan.
2013	Participated in the workshop on “Managing Programmes to Improve Maternal and Child Health” conducted by Family Health Bureau, Sri Lanka.
2013	Participated in the workshop on “Capacity building in Nutrition counselling skills “ conducted by Health Education Bureau.
2010	Participated in the training programme on IUD insertion and Hormonal Contraceptives conducted by the Family Health Bureau, Sri Lanka.
2009	Successfully completed the training Programme on “Orientation on management of community health for Medical Officers of Health” at National Institute of Health Services Kaluthara, Sri Lanka.

PUBLIC HEALTH AND ANALYTICAL SKILLS

1	Proficient in research methods and advanced statistical methods, including regression analysis, time series analysis and factor analysis
2	Proficient in several statistical software packages, including SPSS, MINITAB, STATA, Epi Info, Jamovi and R software packages.
3	Proficient in economic evaluation in health care, including decision-analytic modelling.
4	Competent in monitoring and evaluation of health programmes
5	Competent in management of public health care services

6	Competent in conducting public health training programme
7	Competent in ICD 10 disease classification
8	Competent in health care planning and budgeting

Verification Statement

I verify that the information contained within this Curriculum Vitae is true and correct as of 1st July 2025.

Signed by

Dr.Damitha Asanga Gunawardane
Senior Lecturer
Department of Community Medicine
University of Peradeniya.