

# KOSALA WEERAKOON

MBBS (Peradeniya), PGDipAppStat (Peradeniya), MPhil (Peradeniya), PhD (Queensland), FRSPH (UK)

## Professor in Medical Parasitology

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## Visiting Scientist

Molecular Parasitology Laboratory, QIMR Berghofer Medical Research Institute,  
Brisbane 4006, QLD, Australia

**Expertise: Medical parasitology, Tropical diseases, Medical toxinology, Molecular diagnostics**

## CAREER RECORD AND EXPERIENCE

Dec 2019 - present	<b>Professor in Medical Parasitology</b>   Department of Parasitology, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka.
Apr 2020 - present	<b>Head</b>   Department of Parasitology, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka.
Jan 2019 - present	<b>Visiting Scientist</b>   Molecular Parasitology Laboratory, QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia.
Dec 2020 - present	<b>Visiting Lecturer</b>   Department of Parasitology, Faculty of Medicine, Wayamba University of Sri Lanka
Jul 2015 - Dec 2019	<b>Senior Lecturer in Medical Parasitology</b>   Department of Parasitology, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka.
Jul 2010 - Jul 2015	<b>Lecturer in Medical Parasitology</b>   Department of Parasitology, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka.
Feb 2016 - Dec 2018	<b>Casual Academic</b> (Case-Based Learning (CBL) Tutor): Faculty of Medicine, The University of Queensland, Brisbane, Australia.
Jan 2015 - Jan 2018	<b>Clinical laboratory assistant (casual)</b>   Q-Pharm Pty Limited, Brisbane, Australia.
May 2010 - May 2011	<b>Intern Medical Officer</b>   Teaching Hospital, Peradeniya, Sri Lanka.
Jul 2009 - Apr 2010	<b>Temporary Lecturer</b>   Faculty of Medicine, University of Peradeniya, Sri Lanka.
Jan 2009 - Apr 2009	<b>Research Assistant</b> , Faculty of Veterinary Medicine, University of Peradeniya, Sri Lanka.

## EDUCATION AND TRAINING

Jul 2014 - Oct 2018	<b>Doctor of Philosophy (PhD)</b> Faculty of Medicine, The University of Queensland, Brisbane, QLD, Australia. Field of study: <i>Medical Parasitology and molecular diagnostics</i> <b>Thesis:</b> <i>PCR-based diagnosis of human schistosomiasis japonica and co-infections with intestinal protozoa</i>
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Jan 2010 - May 2013	<b>Master of Philosophy (MPhil)</b> University of Peradeniya, Peradeniya, Sri Lanka. Field of study: <i>Tropical infectious diseases</i> <b>Thesis:</b> <i>Human rickettsial infections in the central region of Sri Lanka: clinico-epidemiology, molecular phylogeny and cutaneous histopathology</i>
Mar 2009 - May 2010	<b>Postgraduate Diploma in Applied Statistics</b> University of Peradeniya, Peradeniya, Sri Lanka.
Mar 2003 - Dec 2008	<b>Bachelor of Medicine, Bachelor of Surgery (MBBS) - Second class (Hons)</b> University of Peradeniya, Peradeniya, Sri Lanka.
Nov 2012 - Feb 2013	<b>Training on Medical Education</b> , consisting of Educational Technology, University system, Ethics and professionalism and Research methodology modules, conducted by the Faculty of Medicine, University of Peradeniya.

## FELLOWSHIPS

Jun 2018 - present	Fellow of Royal Society for Public Health (London, UK) – FRSPH
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## PROFESSIONAL AFFILIATIONS

Feb 2010 - present	Sri Lanka Medical Association (Member)
May 2011 - present	Sri Lanka Medical Council (SLMC) - Registered as a medical practitioner in Sri Lanka
Jan 2019 - present	Council Member, Anuradhapura Clinical Society, Sri Lanka.
Aug 2014 - Aug 2019	Australian Society for Parasitology (Member)
Apr 2016 - Apr 2019	Australian Society for Medical Research (Member)
Oct 2013 - Nov 2018	European Society of Clinical Microbiology and Infectious Diseases (Member)
Jan 2016 - Jan 2017	American Society for Tropical Medicine and Hygiene (Member)

## AWARDS, SCHOLARSHIPS, AND GRANTS

### AWARDS

- Deans award for research publications: Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka - 2020.
- Deans award for research publications: Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka - 2019.
- Queensland Health and Medical Research Postgraduate Student Award - Finalist: Australian Society for Medical Research (ASMR) - 2018.
- Deans award for research publications: Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka - 2018.
- Deans award for research publications: Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka - 2017.
- President's award for scientific publications in 2016. National Research Council (NRC), Sri Lanka.
- President's award for scientific publications in 2015. National Research Council (NRC), Sri Lanka.
- President's award for scientific publications in 2014. National Research Council (NRC), Sri Lanka.
- Best publication by a physician in 2014, award by the Ceylon college of physicians for the publication 'Revisiting Russell's Viper (*Daboia russelli*) bite in Sri Lanka: Is abdominal pain an early feature of systemic envenoming?'.
- Deans award for research publications: Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka - 2014.

- National Research Council (NRC) of Sri Lanka, merit award for scientific publications in 2013.
- Gold medal for the best presentation in Medicine and Allied Sciences at 3<sup>rd</sup> Annual research symposium, Rajarata University of Sri Lanka: Anuradhapura, Sri Lanka. February 2013.
- President's award for scientific publications in 2012. National Research Council, Sri Lanka.
- S. Ramachandran prize for the best Sri Lankan paper in nephrology, for the presentation of 'Snakebite causing chronic kidney disease: analysis of 42 cases in the Nephrology unit, Kandy, Sri Lanka'. Annual Scientific Sessions, Sri Lanka Medical Association. Colombo, Sri Lanka. June 2010.

#### RESEARCH GRANTS

- 2021-2024: National Research Council (NRC) of Sri Lanka - Investigator Driven Grants, PCR-based molecular evaluation of intestinal parasitic infections among school children in Anuradhapura, Sri Lanka. Total award Rs. 4.9 million. Role: **Principal-investigator**
- 2021-2022: Rajarata University of Sri Lanka - Clinico-epidemiology of cutaneous leishmaniasis in Anuradhapura, Sri Lanka: a descriptive cross-sectional study. Total award Rs. 400,000.00. Role: **Principal-investigator**
- 2021-2022: Rajarata University of Sri Lanka – Chemical composition and aetiopathogenesis of gallstone disease in Anuradhapura, Sri Lanka. Total award Rs. 200,000.00. Role: **Co-investigator**
- 2019-2023: National Institute for Health Research (NIHR), Empowering people with Cutaneous Leishmaniasis: Intervention Programme to improve community Education (ECLIPSE). Total award £4,576,819.00(Sub award for Sri Lanka £874,103.00). Role: **Co-investigator**

#### OTHER GRANTS AND SCHOLARSHIPS

- International Postgraduate Research Scholarship (IPRS) (July 2014-October 2018) and the University of Queensland Centennial Scholarship (UQCent) (July 2014-January 2018)
- QIMR Berghofer PhD Top up scholarship: 2016 - 2017.
- Travel scholarship from Australian Society for parasitology (ASP) to attend ASP annual conference, Blue Mountains, Sydney, Australia: June 2017.
- Travel scholarship from Australian Society for parasitology to attend International Congress for Tropical Medicine and Malaria, Brisbane, Australia: September 2016.
- Travel scholarship from the Higher Degrees Committee of the QIMR Berghofer Medical Research Institute (QIMR Berghofer HDC), Brisbane, Australia to attend the 65<sup>th</sup> annual scientific congress of the American Society of Tropical Medicine and Hygiene, Atlanta, Georgia, USA: 13<sup>th</sup> – 17<sup>th</sup> November 2016.
- Travel scholarship from the Australian Society for parasitology (ASP) to attend the Joint Conference of New Zealand and Australian Societies for Parasitology, Auckland, New Zealand: 29<sup>th</sup> June - 2<sup>nd</sup> July 2015.
- European Society of Clinical Microbiology and Infectious Diseases (ESCMID)'s scholarship to attend the workshop on 'Practical diagnosis of arthropod-borne infections' - March 2014, Marseille, France.
- Travel scholarship from the Asia Pacific Association of Medical Toxicology (APAMT): for the 10<sup>th</sup> congress of APAMT at Penang, Malaysia: 11<sup>th</sup>- 14<sup>th</sup> November 2011.
- International Travel Grant from National Science Foundation (NSF), Sri Lanka, to attend the 10<sup>th</sup> congress of APAMT at Penang, Malaysia: 11<sup>th</sup>- 14<sup>th</sup> November 2011.

#### ORATIONS

- Dr. S. Ramachandran Memorial Oration 2019: Delivered at the 132<sup>nd</sup> Anniversary International Medical Congress of the Sri Lanka Medical Association (SLMA) on 26<sup>th</sup> July 2019, Colombo, Sri Lanka. 'Diagnosis of tropical infections: beyond the borders'.
- Anuradhapura Clinical Society Oration 2019: Delivered at the 13<sup>th</sup> Annual Scientific Sessions of the Anuradhapura Clinical Society on 23<sup>rd</sup> September 2019, Anuradhapura, Sri Lanka: "Detection of Cell-free DNA: Changing diagnostic paradigms for tropical infections"

## RESEARCH PUBLICATIONS

Citations: 1155, H Index: 20 (Google scholar, 2021; <https://scholar.google.com/citations?user=Q7AXa3EAAAAJ&hl=en>)

(ORCID ID  [orcid.org/0000-0002-4814-6928](https://orcid.org/0000-0002-4814-6928))

### PEER-REVIEWED JOURNAL ARTICLES

44. Herath N, Kodithuwakku G, Dissanayake T, Rathnathunga N, **Weerakoon K**. Acute Kidney Injury Following Star Fruit Ingestion: A Case Series. *Wilderness Environ Med*. 2021 Mar;32(1):98-101. Epub 2021 Jan 29.
43. Kularatne SAM, Ralapanawa U, Basnayake BMPKD, **Weerakoon K** (2020). Social and health impact of flying *Hymenoptera* stings: experience in a region of central hill country of Sri Lanka. *Asian Pacific Journal of Health Sciences*, 7(4), 23-28.
42. Aula OP, McManus DP, **Weerakoon KG**, Olveda R, Ross AG, Rogers MJ, Gordon CA. Molecular identification of *Ancylostoma ceylanicum* in the Philippines. *Parasitology* 2020, 24:1-5. doi: 10.1017/S0031182020001547.
41. Gordon CA, Krause L, McManus DP, Morrison M, **Weerakoon KG**, Connor MC, Olveda RM, Ross AG, Gobert GN. Helminths, polyparasitism, and the gut microbiome in the Philippines. *International Journal for Parasitology* 2020, 50(3):217-225. doi:10.1016/j.ijpara.2019.12.008. Epub 2020 Mar 3. PMID: 32135180.
40. Pathirage MMK, Kularatne SAM, **Weerakoon KG**. Melioidosis after a long silence in Sri Lanka: an environmental hazard and dilemma in diagnosis, with recovery and longitudinal follow-up for 13 years: a case report. *Journal of Medical Case Reports* 2020, 18;14(1):50. doi: 10.1186/s13256-020-02372-2.
39. Cai P, **Weerakoon KG**, Mu Y, Olveda RM, Ross AG, Olveda DU, McManus DP. Comparison of Kato Katz, antibody-based ELISA and droplet digital PCR diagnosis of schistosomiasis japonica: Lessons learnt from a setting of low infection intensity. *PLoS Neglected Tropical Diseases* 2019, 4;13(3):e0007228.
38. Herath N, Dassanayake R, Dissanayake M, Janitha C, **Weerakoon K**, Kumarasinghe C, de Silva TG, Agampodi S. Normality data of eGFR and validity of commonly used screening tests for CKD in an area with endemic CKD of unknown etiology; need for age and sex based precise cutoff values. *BMC Nephrology*. 2019, 5;20(1):298. doi: 10.1186/s12882-019-1477-9.
37. **Weerakoon KG**, Gordon CA, Williams GM, Cai P, Gobert GN, Olveda RM, Ross AG, Olveda DU, McManus DP. Co-parasitism of intestinal protozoa and *Schistosoma japonicum* in a rural community in the Philippines. *Infectious Diseases of Poverty* 2018, 10;7(1):121.
36. Kularatne SAM, Fernando R, Selvaratnam S, Narampanawa C, **Weerakoon K**, Wickramasinghe S, Pathirage M, Weerasinghe V, Bandara A, Rajapakse J. Intra-aural tick bite causing unilateral facial nerve palsy in 29 cases over 16 years in Kandy, Sri Lanka: is rickettsial aetiology possible? *BMC Infectious Diseases* 2018, 18(1):418.
35. **Weerakoon KG**, Gordon CA, McManus DP. DNA diagnostics for schistosomiasis control. *Tropical Medicine and Infectious Diseases* 2018, 3(3): 81.
34. Siriwardhana EA, Perera PA, Sivakanesan R, Abeysekara T, Nugegoda DB, **Weerakoon K**, Siriwardhana DA. Diminished disease progression rate in a chronic kidney disease population following the replacement of dietary water source with quality drinking water: A pilot study. *Nephrology* 2018, 23(5):430-437.
33. **Weerakoon KG**, Gordon CA, Williams GM, Cai P, Gobert GN, Olveda RM, Ross AG, Olveda DU, McManus DP. Droplet digital PCR diagnosis of human schistosomiasis: parasite cell-free DNA detection in diverse clinical samples. *The Journal of Infectious Diseases* 2017, 216(12):1611-1622.
32. Cai P, **Weerakoon KG**, Mu Y, Olveda DU, Piao X, Liu S, Olveda RM, Chen Q, Ross AG, McManus DP. A parallel comparison of antigen candidates for development of an optimized serological diagnosis of schistosomiasis japonica in the Philippines. *EBioMedicine* 2017, 24:237-246.
31. **Weerakoon KG**, Kularatne SAM, Rajapakse J, Adikari S, Udayawarna K. Revisiting clinico-epidemiological pattern of human rickettsial infections in the central region of Sri Lanka: a hospital based descriptive study. *BMC Research Notes* 2017, 10(1): 400.

- 30. Weerakoon KG**, Gordon CA, Cai P, Gobert GN, Duke M, Williams GM, McManus DP. Anovel duplex ddPCR assay for the diagnosis of schistosomiasis japonica: proof of concept in an experimental mouse model. *Parasitology* 2017, 144(8):1005-1015.
- 29.** Herath N, Ratnatunga N, **Weerakoon K**, Wazil A, Nanayakkara N. Clinicopathological findings, treatment response and predictors of long-term outcome in a cohort of lupus nephritis patients managed according to the Euro-lupus regime: a retrospective analysis in Sri Lanka. *BMC Research Notes* 2017, 10(1):80.
- 28.** Olveda DU, Inobaya M, Olveda RM, Vinluan ML, Ng SK, **Weerakoon K**, McManus DP, Ramm GA, Harn DA, Li Y, Lam AK, Guevarra JR, Ross AG. Diagnosing schistosomiasis-induced liver morbidity: implications for global control. *International Journal of Infectious Diseases* 2017, 54:138-144.
- 27.** Kularatne SA, **Weerakoon K**, Silva A, Maduwage K, Walathara C, Rathnayake I, Medagedara S, Paranagama R, Mendis S, Kumarasiri PV. Efficacy of intravenous hydrocortisone administered 2-4 h prior to antivenom as prophylaxis against adverse drug reactions to snake antivenom in Sri Lanka: An open labelled randomized controlled trial. *Toxicon* 2016, 120:159-165.
- 26.** Agampodi S, Wijerathne B, **Weerakoon K**. Situation of Sri Lanka, where autochthonous malaria is no longer a problem, and other infections dominate, such as dengue, leptospirosis and rickettsioses. *Current Opinion in Infectious Diseases* 2016, 29(5):446-452.
- 25.** **Weerakoon KG**, Gordon CA, Gobert GN, Cai P, McManus DP. Optimisation of a droplet digital PCR assay for the diagnosis of *Schistosoma japonicum* infection: A duplex approach with DNA binding dye chemistry. *Journal of Microbiological Methods* 2016, 125:19-27.
- 24.** **Weerakoon KG**, McManus DP. Cell-Free DNA as a diagnostic tool for human parasitic infections. *Trends in Parasitology* 2016, 32(5):378-391.
- 23.** Kularatne SA, Ralapanawa DM, **Weerakoon K**, Bokalamulla UK, Abagasipitiya N. Pattern of animal bites and post exposure prophylaxis in rabies: A five year study in a tertiary care unit in Sri Lanka. *BMC Infectious Disease* 2016, 4:16:62.
- 22.** Kularatne SA, Raveendran S, Edirisinghe J, Karunaratne I, **Weerakoon K**. First reported case of fatal stinging by the large carpenter bee *Xylocopatanquebarica*. *Wilderness and Environmental Medicine* 2016, 27(2):262-265.
- 21.** Kularatne SA, **Weerakoon KG**, Munasinghe R, Ralapanawa UK, Pathirage M. Trends of fluid requirement in dengue fever and dengue haemorrhagic fever: a single centre experience in Sri Lanka. *BMC Research Notes* 2015; 8(8):130.
- 20.** **Weerakoon KG**, Gobert GN, Cai P, McManus DP. Advances in the diagnosis of human schistosomiasis. *Clinical Microbiology Reviews* 2015, 28(4):939-967.
- 19.** Kularatne SA, Dinamithra NP, Sivansuthan S, **Weerakoon KG**, Thillaimpalam B, Kalyanasundram V, Ranawana KB. Clinico-epidemiology of stings and envenoming of *Hottentottatamulus* (Scorpiones: Buthidae), the Indian red scorpion from Jaffna Peninsula in northern Sri Lanka. *Toxicon* 2015, 93:85-89.
- 18.** Fernando K, Jayasekara K, Warushahennadi J, Kumarasinghe I, **Weerakoon K**, Kularatne SA. Intentional ingestion of *Strychnos-vomica* seeds causing severe muscle spasms and cardiac arrest: a post-mortem report. *Wilderness and Environmental Medicine* 2015, 26(1):101-102.
- 17.** **Weerakoon K**, Kularatne SAM, Rajapakse J, Adikari S, Waduge R. Cutaneous manifestations of spotted fever rickettsial Infections in the Central Province of Sri Lanka: A descriptive study. *PLoS Neglected Tropical Diseases* 2014, 8(9):e3179.
- 16.** Herath NJ, Kularatne SA, **Weerakoon KG**, Wazil A, Subasinghe N, Ratnatunga NV. Long term outcome of acute kidney injury due to leptospirosis? A longitudinal study in Sri Lanka. *BMC Research Notes* 2014, 25(7):398.
- 15.** Siriwardhana EA, Perera PA, Sivakanesan R, Abeysekara T, Nugegoda DB, **Weerakoon KG**. Is the staple diet eaten in Medawachchiya, Sri Lanka, a predisposing factor in the development of chronic kidney disease of unknown etiology? – A comparison based on urinary  $\beta$ 2-microglobulin measurements. *BMC Nephrology* 2014, 2(15):103.

14. Kularatne K, Kannangare T, Jayasena A, Jayasekera A, Waduge R, **Weerakoon K**, Kularatne SA. Fatal acute pulmonary oedema and acute renal failure following multiple wasp/hornet (*Vespa affinis*) stings in Sri Lanka: two case reports. *Journal of Medical Case Reports* 2014 13(8):188.
13. Kularatne S, Imbulpitiya I, Abeysekera R, Waduge R, Rajapakse R, **Weerakoon K**. Extensive haemorrhagic necrosis of liver is an unpredictable fatal complication in dengue infection: a post-mortem study. *BMC Infectious Diseases*. 2014; 14(1):141.
12. Kularatne SA, Silva A, **Weerakoon K**, Maduwage K, Walathara C, Paranagama R, Mendis S. Revisiting russell's viper (*Daboia russelii*) bite in Sri Lanka: Is abdominal pain an early feature of systemic envenoming? *PLoS One* 2014; 26;9(2):e90198.
11. Kularatne SA, Rajapakse RP, Wickramasinghe WM, Nanayakkara DM, Budagoda SS, **Weerakoon KG**, Edirisinghe JS, Premaratna R. Rickettsioses in the central hills of Sri Lanka: serological evidence of increasing burden of spotted fever group. *International Journal of Infectious Diseases* 2013, 17(11):e988-992.
10. Kularatne SAM, **Weerakoon KGAD**, Rajapakse RPVJ, Madagedara SC, Nanayakkara D, Premaratna R. A case series of spotted fever rickettsiosis with neurological manifestations in Sri Lanka. *International Journal of Infectious Diseases* 2012, 16(7):e514-517.
9. Kularatne SAM, **Weerakoon KGAD**, Rathnathilaka A, Kumarasiri PVR. Risk factors associated with bites due to two viperid snakes: A case control study. *International Journal of tropical disease & health* 2012, 2(3):225-230.
8. Herath N, Wazil A, Kularatne S, Ratnatunga N, **Weerakoon K**, Badurdeen S, Rajakrishna P, Nanayakkara N, Dharmagunawardane D. Thrombotic microangiopathy and acute kidney injury in hump-nosed viper (*Hypnale* species) envenoming: A descriptive study in Sri Lanka. *Toxicon* 2012; 60(1):61-65.
7. Herath HMNJ, Wazil AWM, Abeysekera DTDJ, Jeewani NDC, **Weerakoon KGAD**, Ratnatunga NVI, Bandara EHCK, Kularatne SAM. Chronic kidney disease in snake envenomed patients with acute kidney injury in Sri Lanka: a descriptive study. *Postgraduate Medical Journal* 2012; 88:138-142.
6. Herath HMNJ, Wazil AWM, Ratnatunga NVI, Badurdeen AS, **Weerakoon KGAD**. Could the latex of *Semecarpus anacardium* (Kiri Badulla) cause nephrotic syndrome? *Ceylon Medical Journal* 2012; 57:92-93.
5. Gamage CD, Yasuda SP, Nishio S, Kularatne SA, **Weerakoon K**, Rajapakse J, Nwafor C, Lee RB, Obayashi Y, Yoshimatsu K, Arikawa J, Tamashiro H. Serological evidence of Thailand virus related hanta virus infection among suspected leptospirosis patients in Kandy, Sri Lanka. *Japanese Journal of Infectious Disease* 2011; 64:72-75.
4. **Weerakoon KGAD**, Kularatne SAM, Edussuriya DH, Kodikara KAS, Gunatilake PGL, Pinto MVG, Seneviratne AB, Gunasena S. Histopathological diagnosis of myocarditis in a dengue outbreak in Sri Lanka. *BMC Research Notes* 2011, 4:268.
3. Kularatne SAM, **Weerakoon KGAD**. Management of rickettsial infections (typhus fever). *Sri Lanka Prescriber* 2010, 18( 3):4-6.
2. Budagoda BDSS, Kodikara KAS, Kularatne WKS, Mudiyanse RM, Edussuriya DH, Edirisinghe JP, Karunaratne IP, **Weerakoon KGAD**, Kularatne SAM. Giant Asian honeybee (*Apis dorsata*) or Bambara stings causing myocardial infarction, bowel gangrene and fatal anaphylaxis in Sri Lanka: a case series. *Asian Pacific Journal of Tropical Medicine* 2010, 3(7):586-588.
1. **Weerakoon KGAD**, Chandrasekaram S, Jayabahu JPSNK, Gunasena S, Kularatne SAM. Acute abdominal pain in dengue haemorrhagic fever: A study in Sri Lanka, 2009. *Dengue Bulletin* 2009, 33:70-74.

#### SELECTED PEER-REVIEWED ABSTRACTS PRESENTED IN CONFERENCES

39. Silva A, Waidyanatha S, **Weerakoon K**, Lokunarangoda N, Siribaddana S, Isbister G. Abdominal pain, nausea, headache and vomiting as early predictors of systemic envenoming in a cohort of snake envenomed patients in Sri Lanka. Proceedings of the 18th Annual Scientific Congress of the Asia Pacific Association of Medical Toxicology, Purajaya, Malaysia, 4th–7th November 2019, *Clinical Toxicology*, 58:4, 304-354.

38. Fernando J, Priyanjana C, Wanigasekara N, Hettigama N, Disssanayake K, Siribaddana S, Waidyanatha S, **Weerakoon K**, Silva A. Toxoplasmosis in women with adverse pregnancy outcomes: A single centre case control study. Presented at: Rajarata International Research Symposium, Rajarata University of Sri Lanka, Mihintale, Sri Lanka. 6<sup>th</sup> -7<sup>th</sup> November 2019.
37. Fernando J, Priyanjana C, Wanigasekara N, Waidyanatha S, Silva A, **Weerakoon K**. Awareness of snakebites among military personnel: A cross sectional survey. Presented at: Rajarata International Research Symposium, Rajarata University of Sri Lanka, Mihintale, Sri Lanka. 6<sup>th</sup> -7<sup>th</sup> November 2019.
36. Fernando J, Wanigasekara N, Priyanjana C, Sumanasena B, Munidasa D, Waidyanatha S, Silva A, **Weerakoon K**. Cutaneous leishmaniasis in Anuradhapura, Sri Lanka. Presented at: 13<sup>th</sup> Annual Scientific Sessions, Anuradhapura Clinical Society (2019), Anuradhapura, Sri Lanka. 23<sup>rd</sup> – 25<sup>th</sup> September 2019.
35. **Weerakoon KG**, Gordon CA, Cai P, Gail M. Williams, Gobert GN, Remigio M. Olveda, Allen G. Ross, David U. Olveda McManus DP. A novel cell free DNA detection droplet digital PCR assay for the diagnosis of human schistosomiasis. Presented at: 2018 Queensland Health and Medical Research Awards competition, Brisbane, Australia. 25<sup>th</sup> May 2018.
34. **Weerakoon KG**, Gordon C, Cai P, Gobert G, Duke M, Williams G, McManus D. Diagnosis of human schistosomiasis japonica with ddPCR: parasite cell free DNA detection in diverse clinical samples. Presented at: Annual conference of the Australian Society for Parasitology (ASP) 2017, Sydney, Australia. 26-29<sup>th</sup> June 2017.
33. Nalaka Herath, Gathika Kodithuwakku, Sadun Delumgahawaththa, Dilini Abeyratne, **Kosala Weerakoon**. Clinico-epidemiological characteristics of oxalic acid (Prinso) poisoning in southern Sri Lanka: A retrospective analysis. Presented at 10<sup>th</sup> Scientific congress of the Asia Pacific Association of Medical Toxicology (APAMT), Kandy, Sri Lanka; 7- 10<sup>th</sup> November 2017, p.82.
32. **Weerakoon KG**, Gordon CA, Gobert GN, Cai P, McManus DP. A novel cell free DNA detection assay for the diagnosis of schistosomiasis japonica. Presented at: School of Public Health Research Higher Degree (SPH-RHD) student conference 2016, Brisbane, Australia. 2<sup>nd</sup> November 2016.
31. **Weerakoon KG**, Gordon CA, Gobert GN, Cai P, McManus DP. A novel cell free DNA detection assay for the diagnosis of schistosomiasis japonica. Presented at: 65<sup>th</sup> annual scientific congress of the American Society of Tropical Medicine and Hygiene, Atlanta, Georgia, USA. 13<sup>th</sup> – 17<sup>th</sup> November 2016.
30. **Weerakoon KG**, Gordon CA, Cai P, Gobert GN, McManus DP. A duplex ddPCR assay for the diagnosis of *Schistosoma japonicum* infection. Presented at: International congress for Tropical Medicine and Malaria (ICTMM). Brisbane, Australia. 18<sup>th</sup>-22<sup>nd</sup> September 2016.
29. **Weerakoon KG**, Gobert GN, Cai P, McManus DP. A novel PCR assay for the diagnosis of *Schistosoma japonicum* infections using different biological samples. Presented at: Seventh biennial QIMR student retreat, Brisbane, Australia. 17<sup>th</sup> – 18<sup>th</sup> September 2015.
28. **Weerakoon KG**, Gobert GN, Cai P, McManus DP. Detection of Cell Free Parasite DNA (CFPD) in human clinical samples as an improved method of diagnosis and evaluation of *Schistosoma japonicum* infection. Presented at: Joint Conference of the New Zealand and Australian Societies for Parasitology. Auckland, New Zealand. 29<sup>th</sup> June - 2<sup>nd</sup> July 2015.
27. Silva A, **Weerakoon K**, Agampodi SB. Authentication of the biting snake in the snake bite literature: A neglected aspect of the research methodology on a neglected tropical disease. Presented at: Annual scientific sessions of the Anuradhapura clinical society, Anuradhapura, Sri Lanka; 24-25 October 2013. p. 28.
26. Kularatne SAM, **Weerakoon KGAD**, Munasinghe KR. Trends in natural fluid requirement of dengue fever and dengue critical phase: A clinical audit. Paper presented at: International Conference on dengue viral infections, Colombo, Sri Lanka; 20-22 September 2013. p. 41-42.
25. Kularatne SAM, Imbulpitiya IVB, Abeysekara RA, Waduge RN, Rajapakse RPVJ, **Weerakoon KGAD**. Extensive haemorrhagic necrosis of liver is an unpredictable fatal complication in Dengue infection. Paper presented at: International Conference on dengue viral infections, Colombo, Sri Lanka; 20-22 September 2013. p. 42-43.

24. Dahanayaka NJ, Semage S, **Weerakoon KGAD**, Weerawansa P, Marage PMNC, Rajapakse RPVJ, Agampodi SB: An unusual outbreak of Rickettsial infections with delayed antibody response among armed forces operating in Vanni, Sri Lanka. Paper presented at: Annual academic sessions of Ceylon College of Physicians, Colombo, Sri Lanka; 12-14 September 2013. p.51.
23. Dinamithra NP, Sivansuthan S, Ranawana KB, Kularatne SAM, **Weerakoon KGAD**. Discovery of a deadly scorpion (*Hottentotta tumulus*) in the Jaffna peninsula and its clinical importance. Paper presented at: 126<sup>th</sup> Anniversary Scientific Medical Congress of Sri Lanka Medical Association, Colombo, Sri Lanka; 9-13 July 2013. p. 93.
22. **Weerakoon KGAD**, Kularatne SAM, Rajapakse RPVJ, Adikari SB, Waduge RN. Cutaneous manifestations of spotted fever rickettsial infections in the central province of Sri Lanka. Paper presented at: 3<sup>rd</sup> annual research symposium, Rajarata University of Sri Lanka, Mihintale, Sri Lanka; 7 February 2013. p.115.
21. **Weerakoon KGAD**, Kularatne SAM, Rajapakse RPVJ, Wikramasinghe S, Adikari SB, Bandara KBAT, Dharmarathna SLCA. Molecular characterization and phylogenetic identification of human rickettsial species from the patients presented to teaching hospital, Peradeniya. Paper presented at: 3<sup>rd</sup> annual research symposium, Rajarata University of Sri Lanka, Mihintale, Sri Lanka; 7 February 2013. p.117.
20. Kularatne SAM, **Weerakoon KGAD**, Rathnathilake A, Kumarasiri PVR. Risk factors associated with two viperid snake bites in Sri Lanka: a case control study. Paper presented at: 10<sup>th</sup> Scientific congress of the Asia Pacific Association of Medical Toxicology (APAMT), Penang, Malaysia; 11-14 November 2011. p.69.
19. Herath HMNJ, Wazil AWM, Abeysekara DTDJ, **Weerakoon KGAD**, Jeewani NDC, Rathnathunga NVI, Bandara EHCK, Kularatne SAM. Chronic kidney disease following snake bite envenoming in Sri Lanka. Paper presented at: 10<sup>th</sup> Scientific congress of the Asia Pacific Association of Medical Toxicology (APAMT), Penang, Malaysia; 11-14 November 2011. p.68.
18. **Weerakoon KGAD**, Rajapakse RPVJ, Adikari SB, Medagedara SC, Nanayakkara DM, Ranasingha S, Kularatne SAM. Clinical and laboratory features of spotted fever rickettsioses in patients presenting to teaching hospital, Peradeniya, Sri Lanka. Paper presented at: 16<sup>th</sup> Peradeniya University Research Sessions, Peradeniya, Sri Lanka; 24 November 2011. p.100.
17. **Weerakoon KGAD**, Rajapakse RPVJ, Adikari SB, Medagedara SC, Nanayakkara DM, Ranasingha S, Kularatne SAM. Epidemiological factors associated with spotted fever rickettsioses in the central province, Sri Lanka. Paper presented at: 16<sup>th</sup> Peradeniya University research sessions, Peradeniya, Sri Lanka; 24 November 2011. p.101.
16. **Weerakoon KGAD**, Rajapakse RPVJ, Adikari SB, Medagedara SC, Nanayakkara DM, Ranasingha S, Kularatne SAM. Serodiagnosis of clinically suspected cases of rickettsial infections presented at teaching hospital Peradeniya. Paper presented at: 16<sup>th</sup> Peradeniya University research sessions, Peradeniya, Sri Lanka; 24 November 2011. p.102.
15. **Weerakoon KGAD**, Rajapakse RPVJ, Adikari SB, Medagedara SC, Nanayakkara DM, Ranasingha S, Kularatne SAM. Burden of rickettsioses in the central province of Sri Lanka. Paper presented at: 2<sup>nd</sup> Annual research sessions, Rajarata University of Sri Lanka. Mihintale, Sri Lanka; 30 November 2011. p.126.
14. Kularatne SAM, Rajapakse RPVJ, Madagedara SC, Nanayakkara DM, **Weerakoon KGAD**, Premaratna R, Eremeewa ME, Dasch GA. Obscure neurological syndrome with predominant extrapyramidal manifestations in spotted fever rickettsial infection in Sri Lanka. Paper presented at: 6th International Meeting on Rickettsiae and Rickettsial Diseases, Heraklion, Crete, Greece; 5-7 June 2011.
13. Herath HMNJ, Badurdeen AS, Rajakrishna PN, Kularatne SAM, Subasinghe NDNS, Wazil AWM, **Weerakoon K**, Agampodi S, Abeysekara DTDJ, Medagedara S, Ratnatunga NVI, Bandara EHCK. A comparison of snake envenoming vs leptospiral infection causing acute and chronic kidney disease in Sri Lanka. Paper presented at: The World Congress of Nephrology, Vancouver, Canada; 8-12 April 2011.
12. Kularatne SAM, Rajapakse RPVJ, Premaratna R, Wickramasinghe WMRS, Budagoda BDSS, Nanayakkara DM, **Weerakoon KGAD**. Rickettsial infections complicating pregnancy. Paper presented at: 32<sup>nd</sup> Annual academic sessions, Kandy society of Medicine, Kandy, Sri Lanka; 12-14 February 2010. p.61.



11. Kularatne SAM, Rajapakse RPVJ, Budagoda BDSS, Tamashiro H, Gamage CD, Koizumi N, **Weerakoon KGAD**. Outbreak of Leptospirosis in Kandy, 2008: Identification of causative serovars and sero groups. Paper presented at: 32<sup>nd</sup> Annual academic sessions, Kandy society of Medicine, Kandy, Sri Lanka; 12-14 February 2010. p.56.
10. Herath HMNJ, Wazil AWM, Abeyaskara DTDJ, Jeewanie AS, **Weerakoon KGAD**, Rathnathunga N, Bandara EHCK, Kularathne SAM. Snake bite causing chronic kidney diseases analysis of 42 cases in Nephrology unit Kandy Sri Lanka. Paper presented at: 123<sup>rd</sup> Annual Scientific Session of the Sri Lanka Medical Association, Colombo, Sri Lanka; 1 June 2010. Ceylon Medical journalsupplement 1. 2010; 55:27.
9. Nanayakkara DM, Rajapakshe RPVJ, Kularatne SAM, Wickramasinghe WMRS, Bandara A, **Weerakoon KGAD**, Medagedara SC, Dasch GA. Serodiagnosis, epidemiology and molecular characterization of clinically suspected cases of Rickettsioses presented to Teaching Hospital, Peradeniya, over a two year period. Paper presented at: 15<sup>th</sup> Peradeniya University research sessions, Peradeniya, Sri Lanka; 16 December 2010. p.110-112.
8. Medagedara SC, Kularatne SAM, Rajapakse RPVJ, Gamage CD, **Weerakoon KGAD**, Tamashiro H. Evidence of Hanta viral infections among leptospirosis suspected patients. Paper presented at: 15<sup>th</sup> Peradeniya University research sessions, Peradeniya, Sri Lanka; 16 December 2010.
7. Gamage CD, Yasuda SP, Nishio S, Kularatne SA, **Weerakoon K**, Rajapakse J, Nwafor C, Lee RB, Obayashi Y, Yoshimatsu K, Arikawa J, Tamashiro H. Hanta virus infections in Sri Lanka: A preliminary study. Paper presented at: International conference on emerging infectious diseases, Atlanta, USA; 11-14 July 2010. p.166.
6. Herath N, Bandara K, Badurdeen S, Wazil A, Abesekara T, Jeewanie C, **Weerakoon K**, Rathnathunga N, Kumarasiri R. Effectiveness of current immunosuppressive treatment in Induction phase of proliferative lupus nephritis (pln): our Experience at nephrology unit Kandy Sri Lanka. Paper presented at: 12th Asian Pacific Congress of Nephrology, Seoul, Korea; 5-8 June 2010. Volume 15: Supplement 3: June 2010.
5. Hearth HMNJ, Bandara K, Badurdeen S, Wazil A, Abesekara T, Jeewanie C, **Weerakoon K**, Rathnathunga N, Kumarasiri R, Nanayakkara N. Effectiveness of current immunosuppressive treatment in maintenance phase of Proliferative Lupus Nephritis (PLN). Paper presented at: 12th Asian Pacific Congress of Nephrology, Seoul, Korea; 5-8 June 2010. Volume 15: Supplement 3: June 2010.
4. Kularatne SAM, **Weerakoon KGAD**, Edussuriya DH, Kodikara KAS, Pinto MVG, Gunasena S. Outbreak of dengue in Sri Lanka, 2009: Histopathological confirmation of myocarditis. Paper presented at: Emerging Infectious disease conference, Singapore; 8-11 December 2009. p.199.
3. Nanayakkara DM, Kularatne SAM, Wickramasinghe WMRS, Budagoda BDSS, **Weerakoon KGAD**, Dasch GA, Rajapakse RPVJ, Seroprevalence of rickettsioses among asymptomatic human population of Sri Lanka: study in four regions. Presented at: 14<sup>th</sup> Peradeniya University research sessions, Peradeniya, Sri Lanka; 3 December 2009. p.65-67.
2. Kularatne SAM, **Weerakoon KGAD**, Pathirage LPMMK, Gawarammana IB, Ratnathunga N. Histopathological types of bronchial carcinoma diagnosed at teaching hospital Peradeniya. Proceedings of RESPIRE, Inaugural symposium of pulmonologists in Sri Lanka, Colombo Sri Lanka; 3-4 October 2009.
1. **Weerakoon KGAD**, Weerasinghe WNL, Welegedara HT, Wickramasinghe CD, Wijayasinghe PB, Nanayakkara SDI. Effect of mosquito coil smoke on respiratory function in young adults. Proceedings of the 15<sup>th</sup> annual scientific sessions, Physiological Society of Sri Lanka, Peradeniya, Sri Lanka; November 2005. p.13.

## OTHER PUBLICATION CONTRIBUTIONS / BOOK CHAPTERS

**Book chapter:** **Weerakoon K**, Kularatne S A M (2021) Rickettsioses. In Maduwage K, Wickramasinghe S, Kularatne S A M (Eds.). *Tropical Medicine with special reference to Sri Lanka* (pp. 111-128).

**Blog article:** **Kosala Weerakoon**, Catherine Gordon, Pengfei Cai, Donald P. McManus. Diagnostics for human schistosomiasis: the way forward. *Infectious Diseases Hub* 2019 (February). URL: <https://www.id-hub.com/2019/02/21/diagnostics-for-human-schistosomiasis-the-way-forward/>

**Invited Editorial:** McManus DP, Gordon CA, **Weerakoon KG**. Testing of water samples for environmental DNA as a surveillance tool to assess the risk of schistosome infection in a locality. *International Journal of infectious diseases*. 2018, 76; 128-9.

**Journal cover figure:** *Clinical Microbiology Reviews* 2015, 28(4)

## JOURNAL ARTICLE PEER REVIEW / JOURNAL EDITOR

(Publons ID: [Ppublons.com/a/1196768/](https://publons.com/a/1196768/))

Clinical Microbiology and Infection | The American Journal of Tropical Medicine and Hygiene  
PLOS Neglected Tropical Diseases | Infectious Diseases of Poverty | Helminthologia |  
BMC Medical Genomics | Diagnostic Microbiology and Infectious Diseases | Parasitology  
Clinical and Experimental Dermatology | BMC Infectious Diseases | BMC Research Notes

**Co-Editor:** Anuradhapura Medical Journal.

## ADDITIONAL TRAINING / COURSES

### RELATED TO MEDICAL RESEARCH

- Training on 'Good clinical practices': Forum for Ethics Review Committees in Sri Lanka (FERCSL), Colombo, Sri Lanka. July 2021.
- Good clinical practice (*online training*): NIDA clinical trials network. May 2021.
- Writing systematic reviews following Cochrane methods workshop: Cochrane Australia, August 2018
- Global Public Health(*Online training course: Distinction*):SGD academy, Sustainable Development Solutions Network, United Nations. December 2016.
- Approved Arrangements for Accredited Persons (Classes 1 to 8)' and 'Biosecurity awareness' (*Online training*): Department of Agriculture and Water Resources, Australia, August 2016.
- Research data management workshop: The University of Queensland center for clinical research (UQCCR) in conjunction with the UQ health sciences library, Brisbane, Australia, October 2015.
- Application and operator training for the 'Bio-Rad QX200 Droplet Digital PCR system', QIMR Berghofer Medical Research Institute, Brisbane, Australia. October 2014.
- Welfare and handling of experimental animals workshop: Animal facility, QIMR Berghofer Medical Research Institute, Brisbane, Australia. August 2014.
- Quarantine approved premises for accredited persons (classes 2 to 8)(*Online training*): Australian Quarantine and Inspection Service (AQIS), August 2014.
- "Practical Diagnosis of arthropod-borne infections" ESCMID postgraduate education course, organized by the European Society of Clinical Microbiology and Infectious Diseases, conducted in Marseille, France, March 2014.
- Descriptive data analysis workshop (Regional training in animal and human health epidemiology in South Asia): Massey University, New Zealand. Held in Negombo, Sri Lanka. October 2013
- Case-based introduction to biostatistics (*Online*): Johns Hopkins University, Baltimore, USA, August 2013.
- Ethics in Biomedical Research workshop, Organized by the Sri Lanka Medical Association and the Ethics Review Committee of Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka. Anuradhapura Oct-2012
- Protecting human research participants(*Online course: ethical practice of human research*),National Institute of Health, USA, March 2012.

### RELATED TO MEDICAL EDUCATION

#### *Rajarata University of Sri Lanka*

- Consultative workshop on 'Creating conducive learning environment in state universities', organized by the ministry of planning, water supply and higher education, at the College of Surgeons Sri Lanka, Colombo. August 2019.
- Workshop on 'Conduct of Examinations', offered by the Medical Education Unit, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, August 2019.
- Training course on Medical Education, consisting of Educational Technology, University system, Ethics and Professionalism and Research Methodology modules, conducted by the Faculty of Medicine, University of Peradeniya: November 2012 - February 2013.
- Preparation of new study modules; workshop - Medical Education Unit, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka. August 2012.

- Best response MCQ; workshop - Medical Education Unit, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, March 2012.
- Skills for science communication to the public; workshop - National Science Foundation of Sri Lanka. August, 2011.
- Student counselling; workshop - Counseling and Career Guidance Unit, University of Peradeniya, Sri Lanka, November, 2011.
- Curriculum development; workshop - Medical Education Unit, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, November 2011.

### ***The University of Queensland***

- Completion of formal case-based learning (CBL) teacher training (Phase 1-Training session; Phase 2-Observation of CBL sessions and supervised teaching), Faculty of Medicine, The University of Queensland, May 2015.
- Completion of semesterly CBL teacher training, arranged by St. Lucia Clinical Unit, Faculty of Medicine, since 2016.
- Training with ‘Tutors@UQ’ tutor training workshop conducted by The University of Queensland Institute for Teaching and Learning Innovation (ITaLI), February 2016.
- Participation and application of ‘Partnerships in Virtual Observation of Teaching and Learning (PIVOTAL)’ tool towards the improvement of tutoring skills, October 2017.
- Engagement in CBL tutoring, paper marking and invigilation of examinations at St. Lucia Clinical Unit, Faculty of Medicine (2016-2018).

## **RESOURCE PERSON IN WORKSHOPS AND PROGRAMS**

- Workshop on ‘Leishmaniasis on North Central Province’, Organized by the office of the Provincial Director of Health Services, Provincial Health Training Centre, Anuradhapura – 15<sup>th</sup> December 2020.
- Workshop on ‘Emergence of leishmaniasis in Polonnaruwa’, office of the Regional Director of Health Services, Polonnaruwa – 26<sup>th</sup> November 2020.
- Workshop on ‘Research through ward work’ held as a pre-congress workshop in the 13<sup>th</sup> Annual Scientific Sessions of the Anuradhapura Clinical Society – 23<sup>rd</sup> September 2019, Anuradhapura, Sri Lanka. Systematic reviews
- Workshop on ‘Application of review manager software in systematic reviews. Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka; 10<sup>th</sup> July 2019
- Workshop on ‘Case-Based Learning’, organized by the Medical Education Unit, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka; 26<sup>th</sup> June 2019
- Resource person for the leishmaniasis research workshop organized by the Provincial Department of Health Services, North Central Province, Anuradhapura, 29<sup>th</sup> May 2019.
- Resource person to ‘EpiInfo workshop for academic staff in health sciences’; organized by the staff development centre, Rajarata University of Sri Lanka. May 2014.
- Resource person in the international workshop on dengue, organized by the Center for dengue research, Faculty of Medical Sciences, University of Sri Jayawardanapura, Sri Lanka. Sep 2013.
- Provision of treatment and medical care at the ‘JeewakaYathra – Medical Camp’ for the pilgrims visiting Anuradhapura sacred city; Organized by Medical Student’s Union, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka. May 2012.
- Training workshop on ‘Emerging parasitic diseases and other diseases of zoonotic importance’ for veterinary surgeons, organized by Institute of Continuing Education, Department of Animal Production and Health, Gannoruwa. 19<sup>th</sup> December 2011.
- Resource person in the ‘SLMA / FERCSL’ workshop on Research Ethics, organized by the ethics review committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka. October 2012.
- Awareness seminar series on ‘Vector borne infectious diseases’ for the agricultural and field government officials. Organized by National Research Council (NRC), in collaboration with the Ministry of Technology and Research, Sri Lanka. October 2011.
- Provision of treatment and medical care at the ‘Emergency Treatment Unit’ for the pilgrims visiting Anuradhapura sacred city; Organized by Medical Student’s Union, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka. May 2011.
- Seminar on ‘First aid and preliminary care’ at the leadership training programme 2010, Dharmaraja College, Kandy, Sri Lanka: 9<sup>th</sup> September, 2010.

## ACADEMIC / MEDICAL EDUCATION / ADMINISTRATIVE CONTRIBUTIONS AND PUBLIC ENGAGEMENT

### VOLUNTARY AND ADMINISTRATIVE ACTIVITIES: RAJARATA UNIVERSITY OF SRI LANKA

- Member of the University Senate, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka; April 2020 – Present.
- Member of the Dean's Advisory Committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka; April 2020 – Present.
- Member of COVID-19 preparedness and response committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka; March 2020 – Present.
- Member of Students and staff safety and security committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka: February 2019 – to date.
- Academic Warden for male students hostels of Faculty of Medicine and Allied Sciences Rajarata University of Sri Lanka, from November 2012 to July 2014 and January 2019 – January 2021.
- Student Mentor, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka; February 2020 – Present.
- Member of Curriculum Development Committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka; January 2019 – Present.
- Member of Higher degrees committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka: March 2019 – to date.
- Member of Self-evaluation report writing committee for Programme Review conducted by Quality Assurance Council of the University Grants Commission of Sri Lanka. 2019-2020.
- Para-clinical coordinator (Coordinator for the paraclinical teaching programme) of Faculty of Medicine and Allied Sciences Rajarata University of Sri Lanka from April 2019 to April 2020.
- Member of Higher Degree Research and Publication Committee of the Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, since April 2019 to date. Held the membership of the faculty committee for ethics review and higher degree related affairs, from October 2011 to July 2014, then named as 'Research Ethics Review and Higher Degrees Committee'.
- Member of Research Ethics Review Committee of Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka. Held the membership from January 2012 to July 2014 and currently continuing from June 2019.
- Member of the Research Publications Review Committee of the Faculty of Medicine and Allied Sciences of the Rajarata University of Sri Lanka since April 2019 to date.
- Faculty coordinator for RIRC (Rajarata International Research Conference - 2019) of Rajarata University of Sri Lanka.
- Reviewing abstracts and participating as a judge for oral and poster presentations for RIRC-2109, and the annual scientific sessions of Anuradhapura Clinical Society.
- Contributions as a judge for undergraduate research forums of Faculty of Medicine, University of Peradeniya and Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka in 2019.
- Member of the disciplinary committee of Rajarata University of Sri Lanka: May 2013 – July 2014
- Secretary for Medical Faculty Teachers Union (MFTU), Rajarata university of Sri Lanka from March to July 2014
- Reviewing abstracts for the annual scientific sessions of Anuradhapura Clinical Society in 2015 and 2018.
- Member of the computer committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka: October 2011 – July 2014
- Member of the student's accommodation committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka: November 2012-July 2014.
- Co-ordinator English and foundation course committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka: 2012, 2013 and 2014.

**Co-editor:** Standard Operating Procedures for Ethics Review Committee, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka.

**Co-author:** Operational guidelines on preparedness and response for COVID-19 outbreak for MBBS programme.

**Co-author:** Operational guidelines on preparedness and response for COVID-19 outbreak for Examination procedures.

#### **COMMUNITY INVOLVEMENT AT QIMR BERGHOFER MEDICAL RESEARCH INSTITUTE, AUSTRALIA**

- Conducting laboratory tours/discussions with community members and high school students as a QIMR Berghofer science ambassador.
- Taking part in high school students work experience placement activities: 2015-2018.
- Voluntary support for fundraising events and contributions in arranging QIMR Berghofer special events (assisting Rio Tinto ride to conquer cancer activity, QIMR calendar photo shoot, QIMR annual donor thank you event and 70th anniversary gala dinner): 2015-2018.

#### **VISITING/INVITED LECTURES AND SEMINARS**

- Talk at the QIMR Berghofer early career researcher seminar series: ‘Detection of parasite cell-free DNA in human clinical samples as an improved method of diagnosis and evaluation of *Schistosoma japonicum* infections. QIMR Berghofer Medical Research Institute, Brisbane, Australia, December 2017.
- QIMR Berghofer early career researcher seminar series: Detection of parasite cell-free DNA for the diagnosis of schistosomiasis japonica’. QIMR Berghofer Medical Research Institute, Brisbane, Australia, August 2016.
- Lectures on “General health” and “Mental health” to the new university entrants in the “Leadership training program” organized by the Ministry of Higher Education in 2013-2014.
- Plenary speech on ‘Rickettsial infections’, at the Sri Lanka Medical Association annual scientific sessions 2013, Anuradhapura, Sri Lanka. October 2013
- Talk on, ‘Rickettsiosis’ at: Inaugural REHDC Postgraduate Research Symposium, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, 14<sup>th</sup> August 2013.

***Kosala Weerakoon***

*September 2021*