

CURRICULUM VITAE

W. M. D. Gaya Bandara Wijayaratne

MBBS(Ruhuna), Dip. Med Micro(Col.), MD Med Micro(Col.)

PERSONAL DETAILS

Name in full : Weerasinghe Mudiyansele Dilip Gaya Bandara
WIJAYARATNE

Name with initials : W. M. D. G. B. WIJAYARATNE

Date of Birth : November 13, 1975

Nationality : Sri Lankan

Gender : Male

Marital Status : Married

Present Post : Professor in Microbiology

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Faculty of Medicine,
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PROFESSIONAL QUALIFICATIONS

- 2012 – Board Certified as a Specialist in Medical Microbiology
- 2010 – MD in Medical Microbiology
Postgraduate Institute of Medicine,
University of Colombo, Sri Lanka.
- 2006 – Postgraduate Diploma in Medical Microbiology
Postgraduate Institute of Medicine,
University of Colombo, Sri Lanka.
- 2002 - MBBS (Bachelor of Medicine Bachelor of Surgery)
Faculty of Medicine,
University of Ruhuna, Sri Lanka.

OTHER ACADEMIC QUALIFICATIONS

- 2017 Online Course in Clinical Research Methodology
Hubert Yeargan Center for Global Health
Duke University USA
- 2011 Certificate Course in Professional Development in Higher Education
Staff Development Center, University of Ruhuna, Sri Lanka
- 1996 Diploma Certificate in Computer Programming
Technical Engineering College – TEC, Sri Lanka

PROFESSIONAL EXPERIENCE

02.11.2020 to date	Professor in Microbiology	Department of Microbiology Faculty of Medicine, University of Ruhuna, Sri Lanka
12.02.2012 to 01.11.2020	Senior Lecturer	Department of Microbiology Faculty of Medicine, University of Ruhuna, Sri Lanka
01.09.2004 to 11.02.2012	Lecturer	Department of Microbiology Faculty of Medicine, University of Ruhuna, Sri Lanka
03.02.2004 to 31.08.2004	Medical Officer	Paediatric Surgical Unit, Teaching Hospital Karapitiya, Galle, Sri Lanka
03.02.2003 to 02.02.2004	Intern Medical Officer	Teaching Hospital Karapitiya, Galle, Sri Lanka
17.06.2002 to 03.02.2003	Demonstrator	Department of Paediatrics, Faculty of Medicine, University of Ruhuna, Sri Lanka

SPECIALIST TRAINING IN MEDICAL MICROBIOLOGY

21.08.2012 to 18.08.2013	Specialist Registrar in Medical Microbiology	Lancashire Teaching Hospitals NHS Foundation Trust, Royal Preston Hospital, Preston, UK
01.03.2010 to 31.03.2011	Senior Registrar in Medical Microbiology	Teaching Hospital Karapitiya, Galle, Sri Lanka
01.01.2007 to 31.12.2009	Registrar in Medical Microbiology	Clinical training at; National Hospital of Sri Lanka, Colombo, Sri Lanka; Lady Ridgeway Children's Hospital, Colombo, Sri Lanka; National Cancer Institute, Maharagama, Sri Lanka; Teaching Hospital Karapitiya, Galle, Sri Lanka & Rotational training at several institutions including Medical Research Institute, Colombo, Sri Lanka
11.07.2005 to 25.10.2006.	Postgraduate Trainee in Diploma in Medical Microbiology	Medical Research Institute, Colombo, Sri Lanka

WORK EXPERIENCE

Teaching: Medical Undergraduate teaching experience from September 2004 in conducting lecturers, tutorials, practical and examinations in Microbiology.

A visiting lecturer, examiner and supervisor of undergraduate research activities of BSc Nursing, BSc Pharmacy and BSc Medical Laboratory Sciences students of the Faculty of Allied Health Sciences, University of Ruhuna.

Postgraduate teaching in Medical Microbiology and Pathology trainees of PGIM, University of Colombo from January 2007.

Paramedical teaching activities by conducting lectures and practical for trainee Public Health Inspectors (PHI) at the Provincial PHI Training center, Galle and Student Nurses at the Nurses Training School, Galle since 2004.

A Resource Person in workshops conducted for Healthcare Personnel.

An examiner in 3rd MBBS part I – Microbiology examination, BSc Nursing, BSc Pharmacy and BSc Medical Laboratory Sciences Degree programmes. Examiner in the Post Graduate examinations in Medical Microbiology and Pathology.

Clinical work: Actively involved in clinical management (diagnosis, treatment and prevention) of patients of the Teaching Hospital Galle, Sri Lanka and advice on infection control aspects and bio-safety. Participate in infection control visits and outbreak investigation of other hospitals in the Southern Province of Sri Lanka. In addition, provided honorary services to private hospitals in Galle District for commissioning of surgical theaters.

Research: Involve in research after graduation as a Demonstrator at Faculty of Medicine, as an Intern medical officer at Teaching Hospital Karapitiya and continue to do so after becoming an academic in the University of Ruhuna. Currently involve in several collaborative research studies including that of Duke Ruhuna Research collaboration and conducting two main studies funded by NRC and NSF. In addition, a co supervisor in one PhD and one MPhil student and supervising several undergraduate research students at present.

Laboratory work: Involve in the diagnostic laboratory of the department by processing specimens and interpretation of results. During last few years as the head of the department did major changes in the department to facilitate the increase intake of students and to ensure smooth functioning of different sections of the laboratory. Also planned further improvements in the department and submitted proposals for this to funding bodies. Currently working as the Coordinator of the COVID-19 RT-PCR testing at the Department of Microbiology, faculty of medicine, University of Ruhuna and involved in establishing, validating and continue to provide the service function to the Ministry of Health, Sri Lanka.

Management: Has served five and half years as the Head of the Department of Microbiology, Faculty of Medicine, Galle. Participate in various committees and programmes functioning at the Faculty and the University levels. Completed a curriculum revision of 3rd MBBS part I – Microbiology in 2017 and now working for the new curriculum with the semester system.

AWARDS RECEIVED

1 Best Scientific Paper– 1st place

“Analysis of Paediatric day-case surgery: A Preliminary report”. Jayawardena GDLP, Wijayaratne WMDGB, Godage M. The 63rd Annual Academic Sessions of Galle Medical Association, September 2004.

2 Best Poster presentation– 2nd place

“An audit on the practices of use of different disinfectants in National Hospital of Sri Lanka”. Ranasinghe RR, Wijayaratne WMDGB, Chandrasiri P. The 17th Annual Academic Sessions of Sri Lanka College of Microbiologists, September 2008.

3 The Sir Frank Gunasekara Prize for the best paper in Community Medicine and Tuberculosis

“Seroconversion following hepatitis B immunization in the expanded programme on Immunization in Sri Lanka and the effect of a booster dose” Wijayaratne WMDGB, De Silva N, Galagoda GCS. The 122nd Annual Scientific Sessions of Sri Lanka Medical Association, March 2009.

4 Best Poster presentation – 2nd place

Epidemiology of melioidosis in Sri Lanka 2006-2016. Corea E, Patabadige G, Kothalawala M, Francis V, Dassanayake M, Vidanagama D, Nanayakkara G, Fernando R, Abeykoon M, Elvitigala JP, Piyasiri DLB, Jayatilleke SK, Disanayake N, Candrasiri S, Namalie KD, Karunarathne GKD, Wadanambi JMRWW, Jayasuriya R, Mubarak FN, Udagama S, Wijayaratne WMDGB, Pathirage S, Masakorala J, de Silva AD, Sathkumara H, Krishnananthasivam S, Thevanesam V. The 25th Annual Academic Sessions of Sri Lanka College of Microbiologists, August 2016.

- 5 **Best Poster presentation– 1st place**
Sensitivity and specificity of litmus milk decolourization test as a rapid identification method of *Enterococcus* causing urinary tract infection. Wijayarathne WMDGB, Dissanayake MND. The 26th Annual Academic Sessions of Sri Lanka College of Microbiologists, August 2017.
- 6 **Best Oral presentation– 3rd place**
First point prevalence study of inpatient antimicrobial use in five public hospitals in Southern Sri Lanka. Shen T, Wijayarathne WMDGB, Dabrera T, Bodinayake CK, Kurukulasooriya MPR, Nagaro K, Sudarshana AT, Anderson D, Drew R, Østbye T, Woods CW, Nagahawatte AdeS, Tillekaratne LG. The 27th Annual Scientific Sessions of the Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists August 2018;16(1):21.
- 7 **Best Poster presentation– 3rd place**
Comparison of the effectiveness of different substrates and culture media on Germ Tube (GT) production. De Silva I.A.P.N.F., Peris H.H., Wijayarathne WMDGB. Faculty of medicine Academic Sessions 2019; Ruhuna Journal of Medicine, August 2019;7(1):77.
- 8 **Duke Visiting Scholar – 2018**
Awarded the full Scholarship “Duke Visiting Scholar” from the Duke Global Health Institute, Duke University, NC, US for the year 2018 from a competitive selection process to visit and attend all the academic activities conducted by the Duke Global Health Institute for the period from 7th May 2018 to 1st June 2018.
- 9 **A special commendation for Oral Presentation**
“Evaluation of antimicrobial and disinfectant potential in silver nanoparticles synthesized from *Mollugo cerviana*”. 77th Annual Academic Sessions of Galle Medical Association held on 10-12th October 2018.
- 10 **A special commendation for Poster Presentation**
“Evaluation of antimicrobial potential and reducing capacity of silver ions by the hexane extract of *Garcinia cambogia* (goraka)”. 76th Annual Academic Sessions of Galle Medical Association held on 11-13th October 2017.

PUBLICATIONS IN INDEXED JOURNALS

- 1 A study on lobar pneumonia due to *Mycoplasma pneumoniae*. Jayantha UK, Wijayarathne WMDGB. Galle Medical Journal 2003;4(1):35-36.
- 2 Nosocomial infection in the intensive care unit at Teaching Hospital Karapitiya, Galle; an audit. Gunaratne A, Vidanagama D, Wijayarathne WMDGB, Palangasinghe S. The Galle Medical Journal, September 2011: 16(2),13-16.
- 3 Food handlers: A potential threat in food safety. Wijayarathne WMDGB. The Bulletin of the Sri Lanka College of Microbiologists August 2017;15(1), 69-72.
- 4 Preventing ragging: outcome of an integrated programme in a medical faculty in Sri Lanka. Lekamwasam S, Rodrigo M, Wickramathilake M, Wijesinghe C, Wijerathne G, de Silva A, Napagoda M, Attanayake A, Perera C. Indian J Med Ethics. 2015 Oct-Dec; 12(4): 227-30.
- 5 Lipophilic extracts of *Leucas zeylanica*, a multi-purpose medicinal plant in the tropics, inhibit key enzymes involved in inflammation and gout. Mayuri Napagoda, Jana Gerstmeier, Hannah Butschek, Sybille Lorenz, Dinusha Kanatiwela, Sudhara De Soyza, Mallique Qader, Ajith Nagahawatte, Gaya Bandara Wijayarathne, Aleš Svatoš, Lalith Jayasinghe, Andreas Koeberle, Oliver Werz. Journal of Ethnopharmacology. 2018: 224, 474–481. <https://doi.org/10.1016/j.jep.2018.04.042>

- 6 Elevated pre-surgical CA15-3: does it predict the short-term disease-free survival of breast cancer patients without distant metastasis? Lakmini KB Mudduwa, **Gaya B Wijayaratne**, Harshini H Peiris, Shania N Gunasekera, Deepthika Abeysiriwardhana, Nimsha Liyanage. International Journal of Women's Health 2018;10, 329–335.
- 7 Methicillin-resistant Staphylococcus aureus: prevalence of and risk factors associated with colonization of patients on admission to the Teaching hospital, Karapitiya. MRP Kurukulasooriya, LG Tillekeratne, **WMDGB Wijayaratne**, CK Bodinayake, AD de Silva, BP Nicholson, T Østbye, CW Woods, ADeS Nagahawatte. Journal of the University of Ruhuna. 2018; 6 (2), 70-75. DOI: <http://doi.org/10.4038/jur.v6i2.7878>
- 8 Candidaemia: Risk factors and validity of tools to predict risk of Candidaemia in Intensive care unit patients in Teaching Hospital Karapitiya. H Thabrew, A Nagahawatte, **GB Wijayaratne**. Ceylon Medical Journal. 2018; 63(4):169-173. DOI: <http://doi.org/10.4038/cmj.v63i4.8767>
- 9 Determination of In Vitro Antimicrobial Activity of Five Sri Lankan Medicinal Plants against Selected Human Pathogenic Bacteria. MHN De Zoysa, H Rathnayake, RP Hewawasam, **WMDGB Wijayaratne**. International Journal of Microbiology. 2019: Article ID 7431439, 8 pages. DOI - <https://doi.org/10.1155/2019/7431439>
- 10 Point-prevalence study of antimicrobial use in public hospitals in southern Sri Lanka identifies opportunities for improving prescribing practices. T Sheng, **GB Wijayaratne**, TM Dabrera, RJ Drew, A Nagahawatte, CK Bodinayake, R Kurukulasooriya, T Østbye, KJ Nagaro, CDe Silva, H Ranawakaarachchi, AT Sudarshana, DJ Anderson, CW Woods and LG Tillekeratne. Infection Control & Hospital Epidemiology, 2019;40(2):224-227. doi:10.1017/ice.2018.321.
- 11 Development of Novel Topical Cosmeceutical Formulations from Nigella sativa L. with Antimicrobial Activity against Acne-Causing Microorganisms. NW Nawarathne, K Wijesekera, **WMDGB Wijayaratne**, M Napagoda. The Scientific World Journal. 2019: Article ID 5985207, 7 pages. <https://doi.org/10.1155/2019/5985207>
- 12 Seroconversion following Hepatitis B immunization in National Immunization Programme in a selected Medical Officer of Health area in Galle District. **Wijayaratne, W.M.D.G.B.**, Ubeysekara, H.A., De Silva, N. and Galagoda, G., Galle Medical Journal, 2019;24(1), pp.1–7. DOI: <http://doi.org/10.4038/gmj.v24i1.8000>
- 13 Prevalence of low vision among adults in Galle District, Sri Lanka. Ubeysekara HA, **Wijayaratne WMDGB**, Fonseka P, Wimalasundara S. Galle Medical Journal, March 2020; 25(1): 19-26. DOI: <http://doi.org/10.4038/gmj.v25i1.8012>
- 14 Outcome and acceptability of an educational intervention programme on food-borne diseases and food safety behaviour for food handlers and related sectors in Sri Lanka. Wickramatilake CM, Wijesinghe CJ, **Wijayaratne WMDGB**, Tillekeratne V, Dolamullage JM. J. of Food Safety and Food Quality. 2020; 71(1):16–20. DOI 10.2376/0003-925X-71-16
- 15 The Anti-Inflammatory and Antimicrobial Potential of Selected Ethnomedicinal Plants from Sri Lanka. M Napagoda, J Gerstmeier, H Butschek, SDe Soyza, S Pace, S Lorenz, M Qader, S Witharana, A Nagahawatte, **G Wijayaratne**, A Svatoš, L Jayasinghe, A Koeberle and O Werz. Molecules. 2020; 25: 22 pages. Article ID1894; doi:10.3390/molecules25081894
- 16 In vitro evaluation of the antimicrobial activity of leaf extracts of *Litsea iteodaphne* against a selected group of bacteria including methicillin-resistant *Staphylococcus aureus*. Janesha UGS, Rathnayake H, Hewawasam RP, **Wijayaratne WMDGB**. Advanced Biomedical Research. 2020; 9: 21 pages. DOI: 10.4103/abr.abr_234_19.

- 17 Cytotoxicity and antimicrobial activity of *Dialium ovoideum thwaites*, an endemic plant in Sri Lanka. Vajira P. Bulugahapitiya, Rathnaweera T. N., **Wijayarathne W. M. D. G. B.** and Manawadu H. C. Asian J. Med. Biol. Res. 2020, 6 (2), 316-320; doi: 10.3329/ajmbr.v6i2.48078.
- 18 Comparison of In Vitro Antibacterial Activity of *Epaltes divaricata* and *Vetiveria zizanioides* against Methicillin Resistant *Staphylococcus aureus*. Hasanga Rathnayake, Manikkuwadura Hasara Nethmini De Zoysa, Ruwani Punyakanthi Hewawasam, and **Weerasinghe Mudiyansele Dilip Gaya Bandara Wijayarathne.** Hindawi Scientifica Volume 2020, Article ID 8239053, 8 pages

ABSTRACT PRESENTATIONS

- 1 A study on lobar pneumonia due to *Mycoplasma pneumoniae*. Jayantha UK, **Wijayarathne WMDGB.** Galle Medical Journal 2003;4(1):70-71.
- 2 Meningitis or meningoencephalitis due to *Mycoplasma pneumoniae* infection in children. Jayantha UK, **Wijayarathne WMDGB.** An oral presentation done by the applicant at the Annual Academic Sessions of the Galle Medical Association 2003. Galle Medical Journal 2003;4(1):55-56.
- 3 Analysis of Paediatric day-case surgery: A Preliminary report. Jayawardena GDLP, **Wijayarathne WMDGB.** Godage M. An oral presentation done by the applicant at the Annual Academic Sessions of the Galle Medical Association 2004. Galle Medical Journal 2004;9(1):70.
- 4 Audit of neonatal surgical conditions in Teaching Hospital Karapitiya. Jayawardena GDLP, **Wijayarathne WMDGB.** An oral presentation done by the applicant at the Annual Academic Sessions of the Galle Medical Association 2004. Galle Medical Journal 2004;9(1):69-70.
- 5 Analysis of Paediatric day-case surgery: Preliminary report. Jayawardena GDLP, **Wijayarathne WMDGB.** Godage M. The Annual sessions of the College of Surgeons of Sri Lanka August 2004;66.
- 6 Audit on neonatal surgical conditions in Teaching Hospital Karapitiya during last 23 months. Jayawardena GDLP, **Wijayarathne WMDGB.** The Annual sessions of the College of Surgeons of Sri Lanka August 2004;67.
- 7 Do we have VISA or VRSA?; A study to detect the prevalence of vancomycin intermediately sensitive *Staphylococcus aureus* (VISA) and/or vancomycin resistant *Staphylococcus aureus* (VRSA) in the National Hospital of Sri Lanka. De Silva WBD, Chandrasiri P, Abeysuriya S, **Wijayarathne WMDGB.** The 17th Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists 2008;6(1):23.
- 8 An audit on the practices of use of different disinfectants in National Hospital of Sri Lanka. Ranasinghe RR, **Wijayarathne WMDGB.** Chandrasiri P. The 17th Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists 2008;6(1):29.
- 9 Seroconversion following hepatitis B immunisation in the expanded programme on immunisation in Sri Lanka and the effect of a booster dose. **Wijayarathne WMDGB.** De Silva N, Galagoda GCS. An oral presentation done by the applicant at the 122nd Annual Scientific Sessions of Sri Lanka Medical Association 2009. Ceylon Medical Journal 2009;54(1):36.
- 10 An outbreak of *Salmonella paratyphi* A in Colombo, Sri Lanka. **Wijayarathne WMDGB.** Chandrasiri P. The 7th International Symposium on Antimicrobial Agents and Resistance, Bangkok, Thailand, March 2009;162.
- 11 An analysis of automated blood culture results in National Hospital of Sri Lanka. **Wijayarathne WMDGB.** Chandrasiri P. The 7th International Symposium on Antimicrobial Agents and Resistance, Bangkok, Thailand, March 2009;299.

- 12 Seroconversion following hepatitis B immunisation in the expanded programme on immunisation in Sri Lanka and the effect of a booster dose. **Wijayarathne WMDGB**, De Silva N, Galagoda GCS. An oral presentation done by the applicant at the 18th Annual Academic Sessions of Sri Lanka College of Microbiologists 2009. The Bulletin of the Sri Lanka College of Microbiologists 2009;7(1):21.
- 13 Protective efficacy of Hepatitis B vaccine in the National Immunisation Programme in Sri Lanka. **Wijayarathne WMDGB**, De Silva N, Galagoda GCS. An oral presentation done by the applicant at the 10th South East Asia Regional Scientific Meeting of the International Epidemiological Association, Colombo, Sri Lanka, May 2010. Proceedings of IEA 2010:56.
- 14 Histoplasmosis of the oral cavity. Vidanagama D, Dias DK, **Wijayarathne WMDGB**, De Silva N, Navaratne V, Gunasekera HKTA. The 19th Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists 2010;8(1):32.
- 15 Multiple Metastatic Infective Foci due to MRSA Bacteraemia in a Leukaemic baby. Patabendige C, **Wijayarathne WMDGB**. The 8th International Symp. on Antimicrobial Agents and Resistance, Seoul, Korea, April 2011;255.
- 16 The assessment of the Impact of Molecular diagnosis on the management of patients with enteroviral meningitis. **Wijayarathne WMDGB**, Wilkinson P, Hesketh LM, Cheesbrough JS. Spring Conference – Society for General Microbiology, Manchester Central Convention Complex, Manchester, UK; 25-28 March 2013:101-102.
- 17 Analysis of antibiotic resistance pattern of coliform bacteria isolated in urine cultures in a center in Galle. Nagahawatte A de S, **Wijayarathne WMDGB**, Wickramasinghe SS, Ramyalatha RAS, Dharmasiri GNJ, Padmini JL. An oral presentation done by the applicant at the Annual Academic Sessions of the Galle Medical Association 2015. Galle Medical Journal 2015;20(2):54.
- 18 Knowledge, attitudes and practices on venous blood collection among the nurses in Teaching Hospital Karapitiya. Amarasinghe AATDK, **Wijayarathne WMDGB**, Gamage MWK. Proceedings of the 3rd Annual Academic Sessions of the Faculty of Medicine, University of Ruhuna, Sri Lanka; Ruhuna Journal of Medicine October 2015;3(1):59.
- 19 Role of Cancer antigen 15.3 in the pre-operative assessment of primary breast cancer. Peiris HH, Mudduwa LKB, **Wijayarathne WMDGB**, Liyanage TG, Liyanage NC, Gunasekara SN, Kaushalya MHA. Proceedings of the 25th Anniversary International Scientific Conference, 6th-8th April 2016, Faculty of Medicine, University of Kelaniya. (URI: <http://repository.kln.ac.lk/handle/123456789/12913>)
- 20 Anti-pathogenic activity of selected cyanobacteria isolated from fresh water bodies of Sri Lanka. Hossain MF, Ratnayake RR, Malika MS, **Wijayarathne WMDGB**, Kumara KLW. Proceedings of the Wayamba international conference, 19-20 August 2016: WinC- 2016, 'Managing Systems from Source to Sink: Current Theories and Applications. Wayamba University of Sri Lanka, 2016: 195.
- 21 Epidemiology of melioidosis in Sri Lanka 2006-2016. Corea E, Patabadige G, Kothalawala M, Francis V, Dassanayake M, Vidanagama D, Nanayakkara G, Fernando R, Abeykoon M, Elvitigala JP, Piyasiri DLB, Jayatilleke SK, Disanayake N, Candrasiri S, Namalie KD, Karunarathne GKD, Wadanambi JMRWW, Jayasuriya R, Mubarak FN, Udagama S, **Wijayarathne WMDGB**, Pathirage S, Masakorala J, de Silva AD, Sathkumara H, Krishnananthasivam S, Thevanesam V. The Bulletin of the Sri Lanka College of Microbiologists. 2016;14(1):23-24.
- 22 Antibiotic susceptibility pattern of *Staphylococcus aureus* isolated from clinical specimens at a center in Southern Sri Lanka. **Wijayarathne WMDGB**, Ubeysekara HA, Jayamanna N, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. 17th International Symposium on Staphylococci and Staphylococcal Infections (ISSSI 2016), Nine Tree Convention Gwanhwamun, Seol, South Korea. 30th August - 2nd September 2016:65.
- 23 Pattern of resistance of antibiotics used to treat methicillin resistant *Staphylococcus aureus* isolated in clinical specimens in the Tertiary Care Hospital, Galle, Sri Lanka. **Wijayarathne WMDGB**, Jayasinghe P, Vidanagama D, Nagahawatta AdeS, De Silva N, Dharmasiri GNJ. 17th International Symposium on Staphylococci and Staphylococcal Infections (ISSSI 2016), Nine Tree Convention Gwanhwamun, Seol, South Korea. 30th August – 2nd September 2016:73.

- 24 A study on nasal carriage of Staphylococci among food handlers in Southern Sri Lanka. **Wijayarathne WMDGB**, Ubeysekara HA, Jayamanna N, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. 17th International Symposium on Staphylococci and Staphylococcal Infections (ISSSI 2016), Nine Tree Convention Gwanghwamun, Seol, South Korea. 30th August – 2nd September 2016:253.
- 25 Preparedness of doctors working in the preventive care sector of Southern Province of Sri Lanka to control Hepatitis B viral infection. Ubeysekara HA, **Wijayarathne WMDGB**, Edirimanna H. An oral presentation done by the applicant at the 75th Annual Academic Sessions of the Galle Medical Association 2016. Galle Medical Journal 2016;21(Suppl1):7.
- 26 Use of rapid Leptospira IgM Screening to diagnose Leptospirosis: A hospital based study. Bodhinayake C, Nagahawatte A, Kodikaraarachchi W, Woods C, Reller M, Devasiri V, **Wijayarathne WMDGB**, Mudduwa L, Ostbye T, Thilakaratne G, Karunanayake L, de Silva D, Weerasinghe NP, Kurukulasooriya MRP, Thamali Anuradha KV. An oral presentation done by the applicant at the 75th Annual Academic Sessions of the Galle Medical Association 2016. Galle Medical Journal 2016;21(Suppl1):12.
- 27 An analysis of screening culture results of food handlers in Southern Sri Lanka. **Wijayarathne WMDGB**, Ubeysekara HA, Jayamanna N, Sugathadasa R, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. Galle Medical Journal 2016;21(Suppl1):20.
- 28 Optimum growth conditions to perform the motility test; A laboratory based study. Gunarathna KAAET, **Wijayarathne WMDGB**, Nagahawatte AdeS. Galle Medical Journal 2016;21(Suppl1):21.
- 29 Assess the usefulness of Murray and Washington criteria in relation to quality of sputum specimens sent for culture in a tertiary care hospital. Senevirathna MDMS, **Wijayarathne WMDGB**, Piyasiri DLB. Galle Medical Journal 2016;21(Suppl1):22.
- 30 Antibiotic susceptibility pattern of pathogenic bacteria isolated from clinical specimens at a center in Galle. **Wijayarathne WMDGB**, Ubeysekara HA, Jayamanna N, Sugathadasa R, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. Galle Medical Journal 2016;21(Suppl1):25.
- 31 Pattern of resistance to antibiotics used to treat Methicillin resistant *Staphylococcus aureus* isolated in clinical specimens at the Teaching Hospital Karapitiya. **Wijayarathne WMDGB**, Jayasinghe P, Nagahawatta AdeS, de Silva N, Vidanagama D, Dharmasiri GNJ. Galle Medical Journal 2016;21(Suppl1):26.
- 32 Knowledge, attitude and practices towards an endemic disease with serious complications, among adults in Sri Lanka. Weerasinghe NP, Nagahawatte A, **Wijayarathne WMDGB**, Amarasuriya RS, Kulasinghe HPGUI, Wickramasinghe SS, Thabrew HHPMJ. Galle Medical Journal 2016;21(Suppl1):36.
- 33 Community awareness of prevention and control of rabies in Sri Lanka. Wickramasinghe SS, Nagahawatte A, **Wijayarathne WMDGB**, Amarasuriya RS, Kulasinghe HPGUI, Weerasinghe NP, Thabrew HHPMJ. Galle Medical Journal 2016;21(Suppl1):37.
- 34 Antimicrobial and antioxidant activities of some selected medicinal plants in Sri Lanka. Napagoda MT, De Soyza S, Wijesiriwardhana P, Qader MM, **Wijayarathne WMDGB**, Nagahawatte A, Jayasinghe L. Galle Medical Journal 2016;21(Suppl1):43.
- 35 Antimicrobial and antioxidant activities of *Plectranthus zeylanicus* Benth. Napagoda MT, De Soyza WSG, Wijesiriwardhana P, Qader MM, **Wijayarathne WMDGB**, Nagahawatte A de Silva, Jayasinghe L. Proceedings of the Peradeniya Uni. Int. Research Sessions(*iPURSE* 2016), Sri Lanka, 4th& 5th November 2016;20:332.
- 36 Biosynthesis of silver and zinc oxide nanoparticles from *Plectranthus zeylanicus* for the development of antimicrobial formulations. De Soyza WSG, **Wijayarathne WMDGB**, Napagoda MT, Witharana S. Proceedings of the International Research Symposium on Pure and applied Sciences (IRSPAS 2016), Faculty of Science, University of Kelaniya, Sri Lanka. 1st December 2016. p116.
- 37 A reflection of awareness on tuberculosis among the general public in Sri Lanka. Wickramasinghe SS, Nagahawatte A, **Wijayarathne WMDGB**, Amarasuriya RS, Kulasinghe HPGUI, Weerasinghe NP, Thabrew HHPMJ. 16th Asia Pacific Congress of Clinical Microbiology & Infection(16thAPCCMI), 30th Nov. – 3rd December 2016 at the Melbourne Convention Centre, Australia. E-abstract via event mobile app @ 16th APCCMI.

- 38 Are doctors prepared to control Hepatitis B viral infection? A community study in Southern Province of Sri Lanka. **Wijayarathne WMDGB**, Ubeysekara HA, Edirimanna H. 16th Asia Pacific Congress of Clinical Microbiology & Infection(16thAPCCMI), 30th November – 3rd December 2016 at the Melbourne Convention Centre, Australia. E-abstract via event mobile app @ 16th APCCMI.
- 39 Safety of food handlers in Southern Sri Lanka: an analysis of screening culture results. **Wijayarathne WMDGB**, Ubeysekara HA, Jayamanna N, Sugathadasa R, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. 16th Asia Pacific Congress of Clinical Microbiology & Infection(16thAPCCMI), 30th November – 3rd December 2016 at the Melbourne Convention Centre, Australia. E-abstract via event mobile app @ 16th APCCMI.
- 40 Does screening helpful in managing neonatal infections due to multi-resistant organisms? A study in Neonatal Intensive Care Unit (NICU) at a tertiary care hospital in Southern Province of Sri Lanka. Wickramasinghe SS, Nagahawatte A, **Wijayarathne WMDGB**, Piyasiri B. 16th Asia Pacific Congress of Clinical Microbiology & Infection(16thAPCCMI), 30th November – 3rd December 2016 at the Melbourne Convention Centre, Australia. E-abstract via event mobile app @ 16th APCCMI.
- 41 Awareness about neglected but endemic tropical disease, with serious complications among adults in Sri Lanka. Weerasinghe NP, Nagahawatte A, **Wijayarathne WMDGB**, Amarasuriya RS, Kulasinghe HPGUI, Wickramasinghe SS, Thabrew HHPMJ. 16th Asia Pacific Congress of Clinical Microbiology & Infection(16thAPCCMI), 30th November – 3rd December 2016 at the Melbourne Convention Centre, Australia. E-abstract via event mobile app @ 16th APCCMI.
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- 43 Synthesis of Silver Nanoparticles using Extracts of *Plectranthus zeylanicus* for Antimicrobial Applications. De Soya WSG, Napagoda MT, **Wijayarathne WMDGB**, Witharana S. Proceedings of 14th Academic Sessions of University of Ruhuna, 1st March 2017 (ISSN 2362-0412):3.
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- 48 Diagnosis of leptospirosis in the acute phase of illness: A comparison between IgM-ELISA and IgM Rapid Immunochromatography Test. **Wijayarathne WMDGB**, Bodhinayake C, Nagahawatte A, Thilakaratne G, KodikaraArachchi W, Woods C, Reller M, Devasiri V, Ostbye T, Kurukulasooriya MRP, Gunasekara NCA. An oral presentation done by the applicant at the 76th Annual Academic Sessions of the Galle Medical Association 2017. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:61.
- 49 Mortality risk aversion by therapeutic plasma exchange in leptospiral pulmonary haemorrhage. Herath NJ, Uluwatte WH, Walivita T, Karunanayake L, Karunanayake P, Ranatunga N, Agampodi S, Senevirathne SL, **Wijayarathne GB**, Madanayake DC, Lekamwasam JDVC, Kodikaraarachchi RKW, Weerakoon RR, De Silva KHPUD, Hettiarachchi I, Kodithuwakku D. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:49.

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- 51 The spectrum of streptococcal species causing bacteraemia in patients attending to a tertiary care hospital in Sri Lanka. Wickramasinghe SS, Nagahawatte A, **Wijavaratne WMDGB**, Piyasiri DLB, Weerasinghe NP, Thabrew HHPMJ. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Asso. 2017:59.
- 52 Antibiotic sensitivity pattern of extended spectrum beta-lactamase (ESBL) producing *Pseudomonas aeruginosa* isolated at the Teaching Hospital Karapitiya. Handagala JK, Wijesiriwardena P, **Wijavaratne WMDGB**. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:65.
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- 54 Validity of 'bare below the elbows' policy in a Southern Provincial tertiary care hospital. Weerasinghe NP, Nagahawatte A, Herath HMM, Roshini VGS, **Wijavaratne WMDGB**, Wickramasinghe SS. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:87.
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- 58 High prevalence of suspected nosocomial colonization with methicillin-resistant *Staphylococcus aureus* at a tertiary care hospital in southern Sri Lanka. Ruvini Kurukulasooriya, L Gayani Tillekeratne, **WMD Gava B Wijavaratne**, Champica K Bodinayake, Malindu D Rajapakshe, BGJ Umesha, TDR Abewickrama, KV Thamali Anuradha, Aruna Dharshan de Silva, Bradley P Nicholson, Truls Østbye, Christopher W Woods, Ajith Nagahawatte. Proceedings of the American Society of Tropical Medicine and Hygiene (ASTMH), 66th Annual Meeting, November 5-9, 2017; Baltimore Convention Center, Baltimore, Maryland, USA. Page 143.
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- 65 Microbial flora of high vaginal swabs of pregnant mothers with premature rupture of membranes and their association with neonatal infections at a tertiary care hospital in Sri Lanka. Galappaththi J, Piyasiri DLB, **Wijayarathne WMDGB**, de Silva LSD. The 27th Annual Scientific Sessions of the Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists August 2018;16(1):23.
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- 67 Antimicrobial activities of aqueous, ethanol and hexane extracts of five medicinal plants against selected gram positive and gram negative bacteria. De Zoysa MHN, Hasanga MRP, Hewawasam RP, **Wijayarathne WMDGB**. 77th Annual Academic Sessions of the Galle Medical Association 10th – 12th October 2018. Galle Medical Journal Sept 2018;23(Suppl.1):11.
- 68 Clinical and laboratory features associated with progression to severe dengue among potentially high-risk dengue patients hospitalized in Southern Sri Lanka. **WMD Gava B Wijayarathne**, C. Lakmal Fonseka, A. de S. Nagahawatte, Champica K Bodinayake, Nayani P. Weerasinghe, M. Ruvini P. Kurukulasoorya, KV Thamali Anuradha, Niroshana Dhanayake, Vasantha Devasiri, Harshanie A. Ubeysekara, A. Dharshan de Silva, Bradley Nicholson, Truls Østbye, Christopher W Woods, L Gayani Tillekeratne. Proceedings of the American Society of Tropical Medicine and Hygiene (ASTMH), 67th Annual Meeting, October 28 - November 5, 2018; Sheraton New Orleans and New Orleans marriott, New Orleans, LA USA. Op 641 - Page 165.
- 69 Economic impact of dengue on patients hospitalized in Southern Sri Lanka – An analysis of direct and indirect cost. Nayani P. Weerasinghe, M. Ruvini P. Kurukulasoorya, L Gayani Tillekeratne, **WMD Gava B Wijayarathne**, Champica K Bodinayake, Vasantha Devasiri, Niroshana Dhanayake, C. Lakmal Fonseka, Harshanie A. Ubeysekara, KV Thamali Anuradha, A. Dharshan de Silva, Bradley Nicholson, Truls Østbye, Christopher W Woods, A. de S. Nagahawatte. Proceedings of the American Society of Tropical Medicine and Hygiene (ASTMH), 67th Annual Meeting, October 28 - November 5, 2018; Sheraton New Orleans and New Orleans marriott, New Orleans, LA USA. OP 1393 - Page 263.
- 70 Extended spectrum beta lactamase producing *Escherichia coli* prevalence of chicken stools in selected broiler farms in Galle District. Karunarathna RMCS, **Wijayarathne GB**. 1st Research Symposium of the Faculty of Allied Health Sciences(RuFAS), 8th November 2018. Proceedings of RuFAS 2018;7.
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- 76 Predictors of severity to guide management of acute dengue in Southern Province, Sri Lanka. Weerasinghe NP, **Wijayaratne WMDGB**, Fonseka CL, Bodinayake CK, Dahanayake NJ, Nagahawatte AdeS, Devasiri V, Ubeysekara H, Munugoda Hewage MP, Kurukulasooriya MPR, de Silva AD, Nicholson BP, Østbye T, Woods CW, Shen T, Tillekaratne LG. The 28th Annual Scientific Sessions and 50th Anniversary Conference of the Sri Lanka College of Microbiologists. *The Bulletin of the Sri Lanka College of Microbiologists* Aug 2019;17(1):13-14.
- 77 Awareness among doctors on national guidelines on empirical and prophylactic use of antimicrobials: An audit at Teaching hospitals in Galle. **Wijayaratne WMDGB**, Ubeysekara HA, Ariyaratne B, Pirasiri B, Perera B. The 28th Annual Scientific Sessions and 50th Anniversary Conference of the Sri Lanka College of Microbiologists. *The Bulletin of the Sri Lanka College of Microbiologists* August 2019;17(1):29-30.
- 78 Community associated methicillin resistant *Staphylococcus aureus* is the predominant type of colonizing methicillin resistant *Staphylococcus aureus* among patients admitted to Teaching Hospital, Karapitiya. Kurukulasooriya MRP, **Wijayaratne WMDGB**, Tillekaratne LG, Bodinayake CK, de Silva AD, Nicholson BP, Østbye T, Woods CW, Nagahawatte A de S. The 28th Annual Scientific Sessions and 50th Anniversary Conference of the Sri Lanka College of Microbiologists. *The Bulletin of the Sri Lanka College of Microbiologists* Aug 2019;17(1):37.
- 79 Dress code of healthcare workers: does it have a role in hospital infection control? Weerasinghe NP, Herath HMM, Roshini VGS, Nagahawatte AdeS, **Wijayaratne WMDGB**, Wickramasinghe SS. The 28th Annual Scientific Sessions and 50th Anniversary Conference of the Sri Lanka College of Microbiologists. *The Bulletin of the Sri Lanka College of Microbiologists* August 2019;17(1):39.
- 80 Economic burden of dengue over Southern Sri Lankan community. Weerasinghe NP, Kurukulasooriya MPR, Tillekaratne LG, **Wijayaratne WMDGB**, Bodinayake CK, Devasiri V, Dahanayake NJ, Fonseka CL, Ubeysekara H, Munugoda Hewage MP, de Silva AD, Nicholson BP, Østbye T, Woods CW, Nagahawatte AdeS. The 28th Annual Scientific Sessions and 50th Anniversary Conference of the Sri Lanka College of Microbiologists. *The Bulletin of the Sri Lanka College of Microbiologists* August 2019;17(1):40-41.
- 81 The respiratory virus outbreak in Southern Sri Lanka in 2018: Results of the active surveillance. **Wijayaratne WMDGB**, Vanderburg S, Tillekaratne LG, Woods CW, Nagahawatte AdeS, Bodinayake CK, Devasiri V, Nicholson BP, Petzold E, Gunasena S, Danthanarayana N, Piyasiri B, Sellathurai M, Weerasinghe NP, Fonseka CL, Kurukulasooriya MPR, Gunasekara NC. The 28th Annual Scientific Sessions and 50th Anniversary Conference of the Sri Lanka College of Microbiologists. *The Bulletin of the Sri Lanka College of Microbiologists* August 2019;17(1):41-42.
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- 83 Antibacterial activity of the crude extracts of Sri Lankan lichen *Parmotrema rampoddense* against clinically important pathogenic bacteria. Shiromi PSAI, Hasanga MRP, Hewawasam RP, **Wijayaratne WMDGB**, Jayalal RGU. 78th Annual Academic Sessions of the Galle Medical Association 4th – 6th September 2019. *Galle Medical Journal* Sept 2019;24(Suppl.1):3.

- 84 Comparison of *in vitro* antibacterial activity of *Listea iteodaphne* extracts against selected Gram positive and Gram negative pathogenic bacteria. Janesha UGS, Hasanga MRP, Hewawasam RP, **Wijayarathne WMDGB**. 78th Annual Academic Sessions of the Galle Medical Association 4th – 6th September 2019. Galle Medical Journal Sept 2019;24(Suppl.1):4.
- 85 Offspring of antibiotic use: A two center single study. Weerasinghe NP, Palangasinghe D, Nagahawatte A de S, **Wijayarathne WMDGB**, Wickramasinghe SS. 78th Annual Academic Sessions of the Galle Medical Association 4th – 6th September 2019. Galle Medical Journal Sept 2019;24(Suppl.1):10.
- 86 An audit on the quality of the water samples tested at the Public Health Laboratory of the Southern Province. **Wijayarathne WMDGB**, Ubeysekara HA, Wijesuriya G, Prasanna WDM, Sucharitharathne KPGMPD. 78th Annual Academic Sessions of the Galle Medical Association 4th – 6th September 2019. Galle Medical Journal Sept 2019;24(Suppl.1):14.
- 87 An evaluation of germ tube formation at different incubation conditions and strengths of inocula. De Silva LAPNF, Peris HH, **Wijayarathne WMDGB**. 8th Annual Conference and Scientific Sessions of Sri Lankan Society for Microbiology (SSM), Oak Ray Regency Hotel, Kandy – 25th October 2019. Book of abstracts of the 8th Annual Conference and Scientific Sessions of SSM 2019;Vol 7.
- 88 Urinary tract infection is a common reason for potentially inappropriate antimicrobial use among inpatients in Sri Lanka. **Gaya B Wijayarathne**, Thushani M Dabrera, Richard J Drew, Ajith Nagahawatte, Champica K Bodinayake, Ruvini Kurukulasoorya, Truls Østbye, kristin J Nagaro, Cherin de Silva, Hasini Ranawakaarachchi, Arambegedara Thusitha Sudharshana, Deverick J Anderson, Christopher W Woods, L Gayani Tillekeratne. Proceedings of the American Society of Tropical Medicine and Hygiene (ASTMH), 68th Annual Meeting, November 20-24, 2019; Gaylord National Resort and Convention Center, National Harbor, Maryland, USA. 504 - Page 154.
- 89 An outbreak of adenovirus causing severe respiratory illness in Southern Sri Lanka, 2018. **Weerasinghe MDGB Wijayarathne**, Sky Vanderburg, Vasantha Devasiri, Ajith Nagahawatte, Champica K Bodinayake, Eelizabeth Petzold, Sunethra Gunasena, Nayomi Danthanarayana, Bhagya Piyasiri, muhunthan Sellathurai, Nayani Weeasinghe, CL Fonseka, Ruvini Kurukulasoorya Nishantha Gunasekara, Brad Nicholson, Christopher W Woods, L Gayani Tillekeratne. Proceedings of the American Society of Tropical Medicine and Hygiene (ASTMH), 68th Annual Meeting, November 20-24, 2019; Gaylord National Resort and Convention Center, National Harbor, Maryland, USA. 573 - Page 175.
- 90 A comparison between IgM-ELISA and IgM rapid immunochromatography test in the diagnosis of leptospirosis during the acute phase of illness in Southern Sri Lanka. **Weerasinghe MDGB Wijayarathne**, Champica K Bodinayake, L Gayani Tillekeratne, wasantha Kodikaracrchchi, Vasantha Devasiri, Truls Østbye, Ruvini Kurukulasoorya Nishantha Gunasekara, Megan Reller, Christopher W Woods, Ajith Nagahawatte. Proceedings of the American Society of Tropical Medicine and Hygiene (ASTMH), 68th Annual Meeting, November 20-24, 2019; Gaylord National Resort and Convention Center, National Harbor, Maryland, USA. 1101 - Page 338.
- 91 Antimicrobial activity of crude hexane extract of *Epaltes divaricate* (Heen mudamahana) against methicillin resistant *Staphylococcus aureus* clinical isolates. De Zoysa MHN, Hasanga MRP, Hewawasam RP, **Wijayarathne WMDGB**. 2nd Research Symposium of the Faculty of Allied Health Sciences(RuFAS), 5th December 2019. Proceedings of RuFAS 2019;44.
- 92 Antibacterial potential of extracts of *Litsea iteodaphne* (Kalu Nika) leaves against selected human pathogens. Janesha UGS, Hasanga MRP, Hewawasam RP, **Wijayarathne WMDGB**. 75th Annual Sessions of the Sri Lanka Association for the Advancement of Science (SLAAS) 2-6 December 2019. Proceedings of the 75th Academic Sessions – 2019;141.
- 93 Investigation of *Dialium ovoideum thwaites*, an endemic plant in Sri Lanka. Bulugahapitiya VP, Rathnaweera T, **Gaya Bandara WMD**, Manawadu H. 5th IUPHAR World Conference on the Pharmacology of Natural Products & 51st Annual Conference of Indian Pharmaceutical Society, ICMR – National Institute of Nutrition, Hyderabad, Telangana State, India on 5-7 December 2019.
- 94 Antimicrobial use in poultry: A field study in the Kegalle District. Ranaweera NPNM, Peris H, **Wijayarathne WMDGB**. The 29th Annual Scientific Sessions of the Sri Lanka College of Microbiologists-2020. The Bulletin of the Sri Lanka College of Microbiologists August 2020;18(1):19.

- 95 High prevalence of community-associated methicillin-resistant *Staphylococcus aureus* in patients infected with *Staphylococcus aureus* at a tertiary care center. Kurukulasooriya MRP, Piyasiri B, **Wijayaratne WMDGB**, Tillekaratne LG, Bodinayake CK, de Silva AD, Nicholson BP, Obtbye T, Woods CW, Nagahawatte A de S. The 29th Annual Scientific Sessions of the Sri Lanka College of Microbiologists-2020. The Bulletin of the Sri Lanka College of Microbiologists August 2020;18(1):19-20.

CONTRIBUTION TO PUBLISHED BOOKS

- 1 **Biosafety Manual for Medical Laboratories**
Sri Lanka College of Microbiologists, 2nd Edition, 2014. ISBN 978-955-8891-04-9
(Contributed to Chapter 3 - General designing and organization of a laboratory, Chapter 8 - Disposal of infectious and non-infectious waste, Chapter 10 - Safety of the laboratory workers)
- 2 **Laboratory Manual in Microbiology**
The Sri Lanka College of Microbiologists, 2nd edition, 2011. ISBN978-955-8891-03-2
(contributed to the bacteriology section)
- 3 **Empirical and prophylactic use of Antimicrobials – National Guidelines 2016**
The Sri Lanka College of Microbiologists in Collaboration with other Professional Colleges in Health Care and the Ministry of Health, Nutrition and Indigenous Medicine. ISBN 978-955-8891-05-6 (contributed to chapters on “Ear, nose and throat infections” and “Eye infections”)
- 4 **Hospital Infection Control Manual**
Sri Lanka College of Microbiologists. 1st edition – 2005. ISBN 955-8891-01-0
(contributing to the 2nd edition under revision)
- 5 **Antimicrobial use Guidelines**
Department of Microbiology, Faculty of Medicine, Galle & Galle Medical Association
2006
- 6 **Collection and Transport of Clinical Specimens for Microbiological Examinations**
Department of Microbiology Faculty of Medicine, University of Ruhuna (Annually updated since 2004)
- 7 **Handbook for Students in Medical Microbiology**
Department of Microbiology Faculty of Medicine, University of Ruhuna (Annually updated since 2004)

FELLOWSHIPS/SCHOLARSHIPS

- 1 Scholarship to attend the **41st Asia Pacific Advanced Network (APAN) Meeting**, Marriot Grand Ballroom, Manila, Philippines. 24-29 January 2016.
- 2 **Duke Visiting Scholar – 2018**
Awarded the full Scholarship “Duke Visiting Scholar” from the Duke Global Health Institute, Duke University, NC, US for the year 2018 from a competitive selection process to visit and attend all the academic activities conducted by the Duke Global Health Institute for the period from 7th May 2018 to 1st June 2018.

GRANTS

- 1 **NRC Rapid Response Grants – R & D Interventions against COVID-19 (Grant No. NRC CVD 20-07)**
Status: Principal investigator, Period: 2020, Value: LKR 500,000/=
Title: COVID-19 surveillance in the Southern Province of Sri Lanka
- 2 **National Science Foundation – Research Grants – 2019 (grant No. RG/2019/BS/02)**
Status: Principal investigator, Period: 2019 – 2021, Value: LKR 2,915,500/=
Title: Evaluation of anti-Candida activity of selected medicinal plants in Sri Lanka against oral candidiasis in cancer patients
- 3 **Sri Lanka Medical Association, Glaxo Welcome Research Grant - 2017**
Status: Principal investigator, Period: 2017 – 2018, Value: LKR 50,000/-
Title: "Evaluation of antimicrobial potential of silver nano preparations synthesized from Sri Lankan medicinal plants"
- 4 **NRC Investigator Driven Grants – 2019 (NRC Grant No. 19-099)**
Status: Co-investigator, Period: 36 months from July 2019, Value: LKR 6,083,086/=
Title: A "One health" approach: the epidemiology of methicillin-resistant *Staphylococcus aureus* isolated from humans and animal products in Southern Sri Lanka
- 5 **University Grant Commission - "UGC Special Allocation for Strengthening Research" Research Grant (RU/PG-R/16/03)**
Status: Co-investigator, Period: 2016-2018, Value: LKR 1.92 million
Title: "Baseline colonization and in hospital transmission of methicillin – resistant *Staphylococcus aureus* (MRSA) among surgical patients at Teaching Hospital Karapitiya"
- 6 **National Science Foundation – Research Programme on Health Science – 2016/2017 (Grant NO. RPHS/2016/D 04)**
Status: Co-investigator, Period: 2016-2018, Value: LKR 5.0 million
Title: "Developing an effective epidemiological surveillance system for dengue in Southern Province of Sri Lanka"
- 7 **Galle Medical Association, Research Grant – 2016**
Status: Co-investigator, Period: 2016 – 2017, Value: LKR 200,000/-
Title: "Do they really matter in infection control? White coats, neckties and bare hands below elbow policy in health care workers"
- 8 **Faculty Research Grant 2007**
Status: Principal investigator, Period: 1 year (2007), Value: LKR 120,480/=
Title: "Seroconversion following Hepatitis B immunization in the Expanded Programme on Immunization in a selected MOH area in the Galle District"
- 9 **Faculty Research Grant 2018**
Status: Principal investigator, Period: 1 year, Value: LKR 296,875/=
Title: "A study on use of a mobile app to improve the rational use of antibiotics at the level of a tertiary care hospital in Southern Province, Sri Lanka" – First Stage
- 10 **Faculty Research Grant 2019**
Status: Principal investigator, Period: 1 year, Value: LKR 217,142/=
Title: "A study on use of a mobile app to improve the rational use of antibiotics at the level of a tertiary care hospital in Southern Province, Sri Lanka" – Second Stage
- 11 **Faculty Research Grant 2019**
Status: Principal investigator, Period: 2019, Value: LKR 185,000/=
Title: Burden of Meningitis and Encephalitis at Teaching Hospital Karapitiya

DISSEMINATION OF KNOWLEDGE

- 1 **A presentation “Organization of Infection Control in hospitals”** at the workshop for the Infection Control Nurses in the Galle District held at the Teaching Hospital Mahamodara, from 7th – 9th February 2007. Organized by the Provincial Director of Health Services Office Galle and Department of Microbiology, Faculty of Medicine, Galle and funded by the UNICEF
- 2 **Dissertation of MD Medical Microbiology of PGIM, University of Colombo**
Topic “Seroconversion following Hepatitis B immunization in Expanded Programme on Immunization in a selected MOH area in Galle District” - 2010.
<http://librepository.pgim.cmb.ac.lk/handle/1/1686>
- 3 A presentation on **“I’ve got enterovirus, get me out of here”** emphasizing the results of the study on onsite molecular testing for enterovirus on CSF samples; at the Pathology Directorate Audit Meeting held at the Royal Preston Hospital, NHS Foundation Trust, Preston, UK on 14.03.2013.
- 4 A presentation on **“Infection Control in General Dental Practice”** at the Regional Scientific Sessions – Southern Branch of the Sri Lanka Dental Association on 31.08.2014 held at Hotel Citrus, Hikkaduwa
- 5 A series of presentations on **“Cosmetology – Infection control principals & practices”** in the special programme **“සුව, නැණ, රුව, දිරිය “** (Suwa, Nana, Ruwa Diriya) organized by the Department of Health Services – Southern Province along with **“රුකලන”** (Rukalana) Institute to promote safety in beauty culture centers in the southern province. (30.09.2014 – Galle, 14.10.2014. - Matara, 28.10.2014 - Hambanthota)
- 6 A presentation on **“Rational use of antibiotics”** at the in service training programme for Dental Health Staff working in Southern Province, organized by the Deputy Director General Health Services at the Ministry of Health Colombo; at the RDHS Office, Galle on 05.12.2014.
- 7 **Zika: A new kind of unexpected pandemic?**
Wijayaratne WMDGB, publication of the MED-Ru Medical Exhibition, Faculty of Medicine, University of Ruhuna. March 24-31 2016; 45-48.
- 8 A presentation on **“Bacterial pneumonia; Prevention & infection control”** in the Annual Education and Evaluation programme of Infection Control and Microbiology (AEEICM 2016) held at Provincial Training Center, Unawatuna, Galle on 13.10.2016.
- 9 A presentation on **“Screening of Food handlers”** at the Conference on Foodborne Diseases and Food Safety conducted by the Faculty of Medicine, University of Ruhuna in collaboration with the Nutritional Society of Sri Lanka on 12th September 2017.
- 10 **Dengue in Sri Lanka: Burden & Challenges**
Invited lecture at the Duke Global Health Institute (DGHI), Duke University, US on 06.09.2018 as a Duke Visiting Scholar in the Global Health Exchange Lecture Series.
<https://www.youtube.com/watch?v=Vcst7-e4pXk>
- 11 A presentation and a practical demonstration on **“Spill management”** at the Training Programme on biosafety and biosecurity for core groups in laboratory sector in Sri Lanka held on 29th November 2018 at the Light House Hotel, Galle; organized by the Ministry of Health, Nutrition & Indigenous Medicine, Sri Lanka.
- 12 **වැඩිහිටි ඔබ මුත්රා ආසාදනයක් වලක්වා ගන්නේ කෙසේද?**
වෛයදිය ගයා බණ්ඩාර විජයරත්න, “සන්හිද” Sanhinda දක්ෂිණ ලංකා අභිමානය
ISBN 978 955 0175 00 0
- 13 **කොරෝනා වෛරසයට ඔබත් බියෙන්ද? - මෙන්න විසඳුම..**
වෙදදුරු අසුචි - Haride TV, <https://www.youtube.com/watch?v=aeXwvyEisUs>

- 14 **කොරෝනා රෝගය ගැන දැනගන්න ..**
වෙදදුරු අසනුව - Haride TV, One-hour awareness program on telecasted live.
- 15 **Situation of COVID-19 infection in Sri Lanka**
A presentation on the present situation of COVID-19 infection in Sri Lanka with its effects on the health system and the economy at the **Priority partner COVID Presentations made at the DGHI Faculty Meeting** held on 8th may 2020.
- 16 A presentation on **“Precautions & actions for COVID-19 prevention”** in the online Seminar on COVID-19 for Medical Students Organized by the Department of Medicine, Faculty of Medicine, University of Ruhuna on 16th Saturday May 2020 at 8.30 am.
- 17 **“Managing antibiotic Resistance – Ask the Experts”**
A live webinar on Saturday 13th June 2020 organized by the Cipla pharmaceuticals.
<https://blueberry.webcastlive.co.in/c656/>
- 18 A presentation on **“Issues related to microscopy centers for TB in private hospitals”** at the Private Public Mix (PPM) working group meeting regarding Tuberculosis held on 27th August 2020 at the Southern Provincial Health Training Center Auditorium at the Regional Director of Health Services Office, Unawatuna; organized by the District Chest Clinic Galle.

MEMBERSHIP OF SOCITIES

- 1 **Galle Medical Association (GMA)** – Life Member since 2002
- 2 **Ruhuna Medical School Alumni Association (RUMSAA)** - Member since 2002
- 3 **Ruhuna Faculty of Medicine Teachers Association (RFMTA)** - Member since 2004
- 4 **Sri Lanka Medical Council** – Registered member (Reg.No:18999)
- 5 **Sri Lanka Collage of Microbiologists** – Member since 2007 (LN112)
- 6 **Sri Lanka Medical Association (SLMA)** – Life Member since 2007 (1938/3)
- 7 **General Medical Council, UK (GMC)** – Member since 2012 (7290344)
- 8 **National Science Foundation (NSF), Sri Lanka** – Science & Technology Management Information System (STMIS) (NSF/STMIS/10/8142)

POST OF RESPONSIBILITY – FACULTY LEVEL

- 1 Head – Department of Microbiology, Faculty of Medicine – 01.04.2015 to 31.07.2020
- 2 Information Technology committee – member / convenor since 2005 to date
- 3 Faculty Research Committee – Member/convenor – since 2014
- 4 Academic Warden – male hostel – 01.03.2017 to 29.02.2020.
- 5 Student counselor, Faculty of Medicine – 01.09.2014 to 22.11.2017
- 6 Sports coordinator for basketball – Faculty of Medicine – 2019/2020
- 7 Curriculum development and evaluation committee – member
- 8 Canteen Committee - Member – 2013
- 9 Technical Evaluation Committees and Bid Opening Committees - Chairperson/Member
- 10 Ethical Review Committee - Member – 2 years from 17.01.2014
- 11 Library Committee - Member – 2 years from 17.01.2014
- 12 Faculty Housing Committee - Member – 21.02.2017 – 31.07.2020
- 13 Internal Quality Assurance Cell - Member – 2016
- 14 Development of faculty newsletter – member - 2020
- 15 Ruhuna Medical Faculty Teachers Association (RFMTA) – Social secretary 2016/2017 & Secretary 2019/2020

- 16 Other Faculty Board appointed sub-committees – member
- 17 Medical Exhibitions – member in the organizing committee - 2006 and 2016
- 18 Faculty of Medicine Academic Sessions (FMAS) – member/chairperson in the organizing committee from 2016 to date
- 19 Foundation Module for New Entrant Medical students – coordinator/resource person I 2018-2019
- 20 Mentor for undergraduate students – since 2006

POST OF RESPONSIBILITY – UNIVERSITY LEVEL

- 1 University Publication Unit - Faculty representative – 2016
- 2 Board of disciplinary and residence - Member – 2017/2018
- 3 University Academic Sessions and Vice Chancellors Award Ceremony - Faculty representative – 2014 and 2016
- 4 Interfaculty dancing and Literature Competition (IFDLC) 2019- Member of the Organizing Committee
- 5 Grand Finale of Orator of the Year 2018 - Member of the Organizing Committee
- 6 13th Sri Lanka University Games (SLUG) 2019 - Faculty Member of the Decoration Committee
- 7 Technical Evaluation Committees of the AHEAD Programme, University of Ruhuna - Chairperson/ Member

CONTRIBUTION TO NATIONAL LEVEL/ OTHER INSTIUTIONS

- 1 Member of the editorial board – Galle Medical Journal – 01.01.2016 to date
- 2 Ruhuna Medical School Alumni Association (RUMSAA) – Treasurer since 27.03.2016.
- 3 Board of Study in Microbiology, PGIM, University of Colombo- member since 01.06.2018
- 4 PGIM, University of Colombo – Trainer in Medical Microbiology training, Lecturer in the postgraduate diploma in Medical Microbiology and MD in Pathology training programmes, examiner in the Selection Examination for postgraduate Diploma in Medical Microbiology and CBLS assessment of Pathology and an Academic advisor for the Postgraduate trainees in Medical Microbiology since 2014.
- 5 Sri Lanka College of Microbiologists – Secretary 2018/2019
- 6 Sri Lanka College of Microbiologists - contributed to the development of national guidelines, training of health care staff in infection prevention and control at national level and on biosafety and biosecurity, antimicrobial surveillance activities at the national level, projects, programmes and workshops conducted by the college.
- 7 Contribution to the national COVID-19 diagnostic network - Establishment of the COVID-19 RT-PCR testing facilities at the Department of Microbiology, Faculty of Medicine, University of Ruhuna and provide surveillance testing for the Southern Province for ILI like patients selected from the outpatient departments.
- 8 Sri Lanka Institute of Nanotechnology – SLINTEC - Provided testing support to the developed products of the SLINTEC
- 9 Programmes coordinated by the Chief Secretary of the Southern Province – represented the Dean, Faculty of Medicine

- 10 District Coordinating Committee (DCC) of the Galle - represented the Dean, Faculty of Medicine 2016-2017
- 11 Public Health Laboratory in the Southern Province - Honorary specialist microbiology services to establish and continue the functions of the laboratory
- 12 Provincial Director of Health Services Southern Province - Honorary specialist microbiology services to investigate outbreak situations and problems related to infection prevention and control for the hospitals in the province, conducting training sessions to Health care staff, member/chairperson of the Technical Evaluation Committees
- 13 Reviewer of research proposals and competitive research grant applications of national level institutions such as NSF and MRI.
- 14 Development of a mobile app for the National Guidelines on Empirical and prophylaxis use of antimicrobials, with the permission of Sri Lanka College of Microbiologists.
- 15 Supervising the local training/attachment and research of students of International Universities such as Duke University US, University of Birmingham, University of Mysore India and Lovely Professional University India.

Prof. W. M. D. Gaya Bandara Wijyaratne (2021)