

## CURRICULUM VITAE

### CONTACT INFORMATION

**Full name:** Thishan Channa Yahathugoda

**Name with initials:** T. C. Yahathugoda

**Address:** (Office)

Department of Parasitology,  
Faculty of Medicine,  
University of Ruhuna,  
P.O.Box 70, Galle,  
Sri Lanka

Tel. +94 – 91 – 2234801-3

Fax +94 – 91 – 2222314

E-mail – [tcyahath@yahoo.co.uk](mailto:tcyahath@yahoo.co.uk)  
[tcyahath@med.ruh.ac.lk](mailto:tcyahath@med.ruh.ac.lk)

(Residence)

No 240 A, Wackwella Road  
Galle,  
Sri Lanka.

Tel. +94 – 91 – 2243202

+94 – 777 –900 981



### PERSONAL INFORMATION

**Date of Birth:** 23.02.1973

**Place of Birth:** Galle, Sri Lanka.

**Citizenship:** Sri Lankan

**Gender:** Male

### EMPLOYMENT HISTORY

**Work History:**

**January 1993 – January 1994**

Research Technical Assistant,  
Filariasis Research, Training and Service Unit, Department of Parasitology, Faculty of  
Medicine, University of Ruhuna, Galle, Sri Lanka.

**July 2000 – February 2001**

Temporary Demonstrator,  
Department of Anatomy, Faculty of Medicine, University of Ruhuna, Galle, Sri Lanka.

**March 2001– September 2001**

Intern House Officer in Surgery,  
National Hospital Sri Lanka, Colombo, Sri Lanka.

**October 2001 – March 2002**

Intern House Officer in Medicine,  
National Hospital Sri Lanka, Colombo, Sri Lanka.

**April 2002 – August 2009**

Probationary Lecturer in Parasitology,  
Department of Parasitology, Faculty of Medicine, University of Ruhuna, Galle, Sri Lanka.

**August 2009 – October 2011**

Senior Lecturer in Parasitology,  
Department of Parasitology, Faculty of Medicine, University of Ruhuna, Galle, Sri Lanka.

**November 2011 – March 2016**

Head/ Senior Lecturer,  
 Department of Parasitology, Faculty of Medicine, University of Ruhuna, Galle, Sri Lanka.  
 Head,  
 Filariasis Research, Training and Service Unit, Department of Parasitology, Faculty of  
 Medicine, University of Ruhuna, Galle, Sri Lanka

**April 2016 – to date**

Professor in Parasitology,  
 Department of Parasitology, Faculty of Medicine, University of Ruhuna, Galle, Sri Lanka.

**December 2017 – to date**

Head/ Professor in Parasitology,  
 Department of Parasitology, Faculty of Medicine, University of Ruhuna, Galle, Sri Lanka.  
 Head,  
 Filariasis Research, Training and Service Unit, Department of Parasitology, Faculty of  
 Medicine, University of Ruhuna, Galle, Sri Lanka

**Duties in the present position:**

**Teaching:** As the head of the department prepare all teaching modules and collaborate with other available staff taking over 20-25 lectures, 6-10 tutorials and conduct 120 hours of practical sessions for the Third Year MBBS students.

**Research:** As the head of the department all present research programmes are managed by me. I am a co -investigator /chief investigator in the projects indicated in the table below (See table 1).

**Service function:** Operating the Filariasis Clinic within the Department which is open to the public during all working days from 8.00am to 12.00pm.  
 Assisting and supervising the diagnosis of parasitic infections of patients in the Teaching Hospital, Karapitiya, Galle, and especially other government and private hospitals in southern Sri Lanka.

**HIGHER DEGREES SUPERVISED**

- 1 **Supervisor status: Principal Supervisor**  
**MD title:**An experimental study to develop DNA and antibody based methods for diagnosis and risk mapping of cutaneous leishmaniasis (CL) caused by *Leishmania donovani* in Hambantota, Sri Lanka. management programme in Sri Lanka  
**Name of the Candidate:** Dr Nirmitha Lalindi De Silva  
**Registration Number:** PGIM/27223/15-34534  
 Degree will be awarded in 2021 UoC Convocation
- 2 **Supervisor status: Principal Supervisor**  
**PhD title:**Psychological distress, social dysfunction and coping strategies of patients with lymphatic filariasis: A field based study to improve the current morbidity management programme in Sri Lanka  
**Name of the Candidate:** Dr Janaka Ruben  
**Registration Number:** RU/PG/MED/45  
 Degree will be awarded in 2021 UoR Convocation
- 3 **Supervisor status: Principal Supervisor**  
**PhD title:** Programmatic Integration For Cost-Effective Screening Of Lymphatic Filariasis And Soil-Transmitted Helminths In Jaffna And Trincomalee  
**Name of the Candidate:** Dr Mohammad Azizur Rahman  
**Registration Number:** RU/PG/MED/50  
 Degree Awarded in 2019 UoR Convocation

**Table 1. Research programmes and my involvements**

<b>Project Title</b>	<b>Source of support</b>	<b>Current status</b>	<b>Author's position</b>
(1) Experiment on people friendly methods to identify areas at risk of cutaneous leishmaniasis transmission in Sri Lanka	JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE  JSPS RONPAKU (Dissertation PhD) Program	Ongoing	Local-supervisor
(2) Development of DNA and antibody-based methods for diagnosis and risk mapping of cutaneous leishmaniasis (CL) caused by <i>Leishmania donovani</i> in Hambantota, Sri Lanka.	Japanese Government, Grant, University of Ruhuna Research Grant and GMA Grant	Completed. One MD is produced. Manuscripts under preparation	Chief - supervisor
(3) Practical application of three-dimensional infrared imaging for longitudinal monitoring of lower extremity lymphedema	The Foundation for Barnes-Jewish Hospital (BJHF) via Washington University, USA	Completed. Published as SCI publications	Principal investigator
(4) A multi-center, double-blind, randomized, 24-month study, to compare the efficacy of doxycycline once daily for 6 weeks versus placebo in improving filarial lymphedema independent of active filarial infection.	USAID via TFGH, Atlanta, USA - Research Award - U-005-NTD-FY17-002.	Ongoing. Published as SCI publications	Principal investigator
(5) A pilot study to evaluate LymphaTech® Scanner for Lymphatic Filariasis-associated Leg Lymphedemas.	Washington University, USA	Completed. Published as SCI publications	Principal investigator
(6) A long-term follow-up study to confirm elimination of filariasis in Galle and Matara districts, Sri Lanka, and to evaluate urine ELISA as a tool for the confirmation.	Japanese Government, Grant	Completed. Published as SCI publications	Principal investigator

(7)	Cross-sectional community surveillance using filarial antigen and microfilaria tests in post mass drug administered areas in Sri Lanka.	Bill & Melinda Gates Foundation via Washington University, USA - Research Sub Award - WU-14-159	Completed. Published as SCI publications	Principal investigator
(8)	A study to explore neglected psychological burden of lymphatic filariasis and establish new management guidelines to be used in national LF elimination programme in Sri Lanka	Centre for Neglected Tropical Diseases / Filariasis Support Centre U.K	Completed. One PhD is produced. Published as peer-reviewed publications.	Chief investigator, Chief - supervisor
(9)	Confirmation of elimination of Lymphatic Filariasis (LF) in Sri Lanka based on the levels of human and mosquito infections determined by urine-based immunodiagnosis and molecular xenodiagnosis to detect <i>Wuchereria bancrofti</i> DNA in vector mosquitoes	TURIS Grant University of Ruhuna, Grant awarded to Dr T.C. Yahathugoda	Completed. One PhD is produced. Published as SCI publications.	Chief investigator, Chief - supervisor
(10)	National Programme for the Elimination of Lymphatic Filariasis in Sri Lanka: A study to demonstrate the existence of undocumented endemic foci of bancroftian filariasis in a district not covered by mass drug administration	Japan Grant	Completed. Published as SCI publications	Chief investigator
(11)	Urine ELISA as a tool for the confirmation of filariasis elimination or the early detection of resurgence: A study in Galle and Matara districts, Sri Lanka	Japan Grant	Completed. Published as SCI publications	Chief investigator
(12)	Identification of endemic areas of bancroftian filariasis in the Galle District and Hambantota using cost-effective Rapid Assessment Procedures and the epidemiological profile of selected areas.	Filariasis Support Centre U.K	Completed. Published as SCI publications	PhD work

(13)	Mass chemotherapy on bancroftian filariasis in four villages in Walgama, Matara with single dose diethylcarbamazine (DEC) alone, and in combination with albendazole.	Filariasis Support Centre U.K	Competed. Published as SCI publications	PhD work
(14)	Lymphoedema management measures currently practiced by patients with lymphatic filariasis (LF) in Matara before the introduction of Community Home Based Care (CHBC) and improvement Following the introduction of CHBC.	Filariasis Support Centre U.K	Competed. Published as SCI publications	PhD work
(15)	Independent Evaluation of the July 2003-2007 National Programme for the Elimination of Lymphatic Filariasis.	Filariasis Support Centre U.K	Competed. Published as SCI publications	Co-investigator
(16)	Duration of the Mass Drug Administration Programme necessary to achieve interruption of transmission	Filariasis Support Centre U.K	Competed. Published as SCI publications	Co-investigator
(17)	An operational research study to improve the Filariasis Support activities of PELF in the Galle Municipality.	Filariasis Support Centre U.K	Competed. Published as SCI publications	Co-investigator
(18)	To test Knowledge Attitude and Practice in two rural and semi urban villages in Galle district Completed on mass drug administration for the elimination of lymphatic filariasis.	US Japan Grant	Competed. Published as peer-reviewed publications	Chief investigator
(19)	Knowledge, Awareness and Practices (KAP) on Dengue Fever (DF) and Dengue Haemorrhagic Fever (DHF) in urban, semi-urban and rural communities of Southern, Sri Lanka.	Filariasis Support Centre U.K	Competed. Published as peer-reviewed publications	Chief investigator

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## CONFERENCES, SEMINARS, WORKSHOPS AND TRAINING ATTENDED:

- 1 Participant, Faculty of Medicine, University of Ruhuna, Medical Education and Staff Development Unit conducted workshop on Teaching & Assessing Professionalism in the Undergraduate and Postgraduate Curricula (Jan 2012).
- 2 Participant, Faculty of Medicine, University of Ruhuna, Galle Research Network (GaRNet) collaboration with Duke Global Health Institute conducted workshop on Qualitative Research Methods (August 2011)
- 3 Participant, Faculty of Medicine, University of Ruhuna, Medical Education and Staff Development Unit conducted workshop on Guide to Problem Based Learning (Jan 2010).
- 4 Delegate, University of Colombo and Ministry of Health conducted International Colloquium on Leishmaniasis in Sri Lanka (Feb 2009).
- 5 Participant, Faculty of Medicine, University of Ruhuna, Medical Education and Staff Development Unit conducted workshop on Construction of best response MCQs and Extended Matching Items (Jan 2009).
- 6 Participant, Faculty of Medicine, University of Ruhuna, Galle Research Network (GaRNet) conducted workshop on Qualitative Research Methods (July 2008)
- 7 Participant, National Science & Technology Commission, conducted awareness workshop on Procedure for Obtaining Approval to Conduct Research on Biological Materials and Send Samples Abroad for Analysis (May 2008).
- 8 Participant, Faculty of Medicine, University of Ruhuna, IRQUE.QEF Activity 3.3, conducted workshop on Laboratory Accreditation, Quality Assurances and Laboratory Safety (February 2008)
- 9 Participant, Department of Geography, University of Ruhuna, conducted workshop on GIS and Its Applications (May 2006)
- 10 Trained in Immunological Diagnosis of Lymphatic Filariasis at Aichi Medical University, Japan 25th August - 25th September 2006.
- 11 Participant and presenter at 11th International Congress of Parasitology, 6-11th August 2006, SECC, Glasgow, Scotland.
- 12 Participant, Faculty of Medicine, University of Ruhuna, IRQUE.QEF Activity 3.3, conducted workshop on Laboratory Accreditation, Quality Assurances and Laboratory Safety (February 2008)
- 13 Participant University of Ruhuna, Staff Development Centre conducted workshops on Certificate Course for Professional Development in Higher Education (July 2003 – Dec 2004).
- 14 Participant, Faculty of Medicine, University of Ruhuna, conducted workshop on 5s Practice (July 2004)
- 15 Participant, Faculty of Medicine, University of Kelaniya conducted workshop on Computer Assisted Learning (June 2004)
- 16 Participant, Faculty of Medicine, University of Colombo, conducted symposium on Update on Malaria (June 2004)
- 17 Participant, Faculty of Medicine, University of Ruhuna, Medical Education & Staff Development Unit conducted workshop on MCQs as an assessment tool. (May 2004)
- 18 Participant and presenter at 1st ASEAN Congress of Parasitology and Tropical Medicine and the 40th Annual Scientific Seminar of MSPTM from 22nd to 28th March 2004, Kuala Lumpur, Malaysia.

- 19 Trained in Immunological Diagnosis of Lymphatic Filariasis at Aichi Medical University, Japan 20th Jan - 17th February 2004.
- 20 Participant, Faculty of Medicine, University of Ruhuna, Medical Education & Staff Development Unit conducted workshop on 5 S Quality Management (August 2003)
- 21 Participant, Faculty of Medicine, University of Ruhuna, Medical Education & Staff Development Unit conducted workshop on Formative Assessments (June 2003)
- 22 Participant, Faculty of Medicine, University of Ruhuna, Medical Education & Staff Development Unit conducted workshop on The Audio Visual Techniques for Student Centered Learning (April 2003)
- 23 Participant, Faculty of Medicine, University of Ruhuna conducted workshop on New Initiative in Curriculum Revision (March 2003)
- 24 Participant, Sri Lanka Medical Association conducted workshop on Medical Writing (March 2003)
- 25 Participant, Sri Lanka College of Oncologists conducted workshop on Molecular Oncology and Immunology of Cancer (January 2003)
- 26 Participant, Faculty of Medicine, University of Ruhuna, Medical Education & Staff Development Unit conducted workshop on Getting Started on Research (April – November 2002)
- 27 Participant, Ruhuna Task Force Faculty of Medicine, Galle organized Workshop to develop research project proposal on Reproductive Health (April 2002)

## EDUCATION

**Secondary:** St. Aloysius College Galle, Sri Lanka .  
 General Certificate of Education -Ordinary Level (1989)  
 General Certificate of Education -Advanced Level (1992)

**Tertiary:** University of Ruhuna, Sri Lanka.  
 2<sup>nd</sup> Class in 2<sup>nd</sup> MBBS with Distinction in Anatomy (1996)  
 2<sup>nd</sup> Class in 3<sup>rd</sup> MBBS (1998)  
 2<sup>nd</sup> Class in Final MBBS (2000)

**Postgraduate Degree:** Ph.D. (Ruhuna)

Title “LYMPHATIC FILARIASIS IN SOUTHERN SRI LANKA: MAPPING, TREATMENT, EVALUATION AND MORBIDITY CONTROL STUDIES”

## PROFESSIONAL QUALIFICATION

### Certifications and Accreditations:

- Registered Medical Practitioner in Sri Lanka Medical Council (SLMC Reg. No. 1752)
- Followed a Certificate Course in Professional Development in Higher Education (CCPDHE) at University of Ruhuna (July 2003 – Dec 2004).
- Certificate of Recognition as an Active Citizens – A British Council Programme

### Computer Skills:

- Obtained skill on GIS software – TNT MIPS ®
- Obtained skill on Microsoft Word / Microsoft Access / Microsoft Excel / Microsoft PowerPoint / Adobe PhotoShop and SPSS statistical software.

## AWARDS

- 1 Award for the Best Paper 2020 " Surveillance of *Wuchereria bancrofti* infection by anti-filarial IgG4 in urine among schoolchildren and molecular xenomonitoring in Sri Lanka: A post- mass drug administration study" *Tropical Medicine and Health* 47:39, 2019.
- 2 Award for the best paper for the presentation "Development of a sandfly anti-salivary gland—SG747—IgG antibody-based urine enzyme-linked immunosorbent assay (ELISA) for cutaneous leishmaniasis risk mapping using geographic information systems (GIS) in Sri Lanka" at the 79th Annual Sessions of the Galle Medical Association, September 2020.
- 3 Award for the Dr. C. Palasuntheram Prize for the oral presentation "The diagnostic accuracy of a modified nested PCR-RFLP method in the diagnosis of cutaneous leishmaniasis caused by *Leishmania donovani*. 29th Annual Scientific Sessions, The Sri Lanka College of Microbiologists, 13<sup>th</sup> -14<sup>th</sup> August 2020.
- 4 Award for the First Prize in oral presentation "The diagnostic accuracy of a modified nested PCR-RFLP method in the diagnosis of cutaneous leishmaniasis caused by *Leishmania donovani*. 29th Annual Scientific Sessions, The Sri Lanka College of Microbiologists, 13<sup>th</sup> -14<sup>th</sup> August 2020.
- 5 University of Ruhuna-Vice Chancellor's Award for The Highest Recipients of Grants of the year 2019. Seventeenth Academic Sessions of The University of Ruhuna, 04th March 2020.
- 6 NRC Merit Award for Scientific Publication - 2017 (2019). Research paper: *American Journal of Tropical Medicine and Hygiene*, 97(6):1836-1842.
- 7 Award for the Best Innovative Study "A novel method of taxidermy to substitute formalin-based preservation of snake specimens to make easy-to-study specimens" at the 77th Annual Sessions of the Galle Medical Association, Oct 2018.



- 8 Award for the best paper for the presentation “An assessment of a modified protocol to manage *Bertiella studeri* – monkey tapeworm-infection in Southern Sri Lanka” at the 77th Annual Sessions of the Galle Medical Association, Oct 2018.
- 9 NRC Merit Award for Scientific Publication - 2015 (2017). Research paper: *Parasite & Vectors*, 2015 Jul 15;8:369.
- 10 Best Poster Award for the presentation "Independent evaluation of the 3rd and 4th September 2016 mass treatment programme for the elimination of lymphatic filariasis (LF) in eleven Medical Officer of Health (MOH) areas in Galle district." at the 76th Annual Academic Sessions, Galle Medical Association, 11th -13th October 2017.
- 11 NRC Merit Award for Scientific Publication - 2014 (2016). Research paper: (2014) *Parasitology International*, 63,87-93.
- 12 NRC Merit Award for Scientific Publication - 2013 (2015). Research paper: (2013) *Parasitology International*, 62,32-35.
- 13 President’s Awards for Scientific Publication - 2011 (2014). Research paper: (2011) *Parasitology International*, 60,393-397.
- 14 President’s Awards for Scientific Publication - 2011 (2014). Research paper: (2001) *Parasitology International*,60, 493-397.
- 15 Wilson Peiris Award for the presentation "A new people-friendly epidemiological approach to confirm the elimination of lymphatic filariasis in Sri Lanka” at the *Sri Lanka Medical Association 126th Anniversary Medical Congress 9-13th July 2013*.
- 16 President’s Awards for Scientific Publication (2010). Research paper: (2005) *Annals of Tropical Medicine and Parasitology*, 99, 501-510.
- 17 Best Poster Award for the presentation "Identification of endemic areas of bancroftian filariasis in Hambantota district, Sri Lanka using Rapid Assessment Procedures (RAPs)" at the Xth International Symposium on Vectors & Vector Borne Diseases held in Goa, India, November 2009.
- 18 Award for the best paper for the presentation “Linkage analysis of elephantiasis by affected Sib-Pairs in Sri Lanka” at the 68th Annual Sessions of the Galle Medical Association, Sep 2009.
- 19 Best Poster Award for the presentation "Evaluation of two monitoring schemes after one year of Community Home-Based Care (CHBC) programme of morbidity control in Lymphatic Filariasis in three suburbs of Matara" at the 68th Annual Sessions of the Galle Medical Association, Sep 2009.
- 20 Award for the best paper for the presentation “Knowledge, Awareness and Practices (KAP) on Dengue Fever (DF) and Dengue Haemorrhagic Fever (DHF) in urban, semi-urban and rural communities of Southern, Sri Lanka” at the 66th Annual Sessions of the Galle Medical Association, Sep 2007.
- 21 Award for the best paper for the presentation “Impact of an effective propaganda strategy prior to the 2004 Mass Drug Administration (MDA) on drug delivery in the Galle Municipality, Sri Lanka” at the 65th Annual Sessions of the Galle Medical Association, Sep 2006.
- 22 Best Poster Award for the presentation "An independent evaluation of the August 2004 mass drug administration for elimination of lymphatic filariasis in Colombo Municipality area” at the 119th Annual Sessions of the Sri Lanka Medical Association, Mar 2006.

## PUBLICATIONS

### Orations:

1. Galle Medical Association Oration - 2012. " An independent evaluation of the national programme for the elimination of lymphatic filariasis"

### Books / Chapters:

- 1 Weerasooriya, M.V. and **Yahathugoda, T.C.** (2018). Chapter on Filariasis. In: Abeyewickreme, I., Abeykoon, P., Karalliedde, L. and Veerasingam, P. ed., 2018. *History of Medicine in Sri Lanka 1948 - 2017*. Colombo: Sri Lanka Medical Association, pp. 314–322.
- 2 De Silva, N., Gunawardena, NK., Gunawardena, S., Iddawela, D., Kannathasan, S., **Yahathugoda T.C.** and Pathmeswaran, A. (2016). *National Survey of Intestinal Nematode Infections in Sri Lanka: A survey conducted for the Family Health Bureau, Ministry of Health, Nutrition & Indigenous Medicine, Sri Lanka*. Sri Lanka: Family Health Bureau, Ministry of Health, Government of Sri Lanka.

### Complete papers :

- 1 Weerasekera C.J., De Silva N.L. and Yahathugoda, T. C. (2021). Implication of cutaneous larva migrans and its management in a patient with coexisting filarial lymphoedema in Southern Sri Lanka. *Sri Lanka College of Microbiologists Bulletin*, **19**(1), 57-59.
- 2 Jayawardana, P. P. and Yahathugoda, T. C. (2021). An Accidental Intestinal Myiasis Caused by *Cochliomyia macellaria*. *Case Reports in Pediatrics*, 2021, 6678411. <https://doi.org/10.1155/2021/6678411>.
- 3 Ruben, J., Yahathugoda, T.C., Weerasooriya, M.V., Punchihewa, M.W., Senadheera, C., Somasiri, K.G., Perera, B. (2020). Development and assessment of the psychometric properties of a new scale (15 item PSB-CL) to monitor the psychosocial burden of chronic lymphoedema in filariasis. *Galle Medical Journal*, **25**(2), 38-47.
- 4 Horton, J., Klarmann-Schulz, U., Stephens, M., Budge, P.J., Coulibaly, Y., Debrah, A., Debrah, L.B., Krishnasastri, S., Mwingira, U., Ngenya, A., Wanji, S., Weerasooriya, M., Yahathugoda, C., Kroidl, I., Deathe, D., Majewski, A., Sullivan, S., Mackenzie, C., Nutman, T.B., Shott, J.P., Weil, G., Ottesen, E. and Hoerauf, A.(2020). The design and development of a multicentric protocol to investigate the impact of adjunctive doxycycline on the management of peripheral lymphoedema caused by lymphatic filariasis and podocooniosis. *Parasites & Vectors*,**13**(1):155.
- 5 Zhou, C., Yahathugoda, C., De Silva, L., Rathnapala, U., Owen, G., Weerasooriya, M., Rao, R.U., Weil, G.J. and Budge, P.J.(2019). Portable infrared imaging for longitudinal limb volume monitoring in patients with lymphatic filariasis. *PLoS Neglected Tropical Disease*, Oct 4;**13**(10):e0007762. doi: 10.1371/journal.pntd.0007762. eCollection 2019 Oct.

- 6 Ediriweera, D.S., Gunawardena, S., Gunawardena, N.K., Iddawela, D., Kannathasan, S., Muruganathan, A., Yahathugoda, C., Pathmeswaran, A., Diggle, P.J. and de Silva, N. (2019). *The Lancet. Global Health*, Sep;7(9):e1237-e1246. doi: 10.1016/S2214-109X(19)30253-0. Epub 2019 Jul 19.
- 7 Takagi, H., Yahathugoda, T.C., Tojo, B., Rathnapala, U.L., Nagaoka, F., Weerasooriya, M.V. and Itoh, M. (2019). Surveillance of *Wuchereria bancrofti* infection by anti-filarial IgG4 in urine among schoolchildren and molecular xenomonitoring in Sri Lanka: a post mass drug administration study. *Tropical Medicine and Health*. Jun 13;47:39. doi: 10.1186/s41182-019-0166-5. eCollection 2019.
- 8 Rahman MA, Yahathugoda TC, Tojo B, Premaratne P, Nagaoka F, Takagi H, Kannathasan S, Muruganathan A, Weerasooriya MV, Itoh M. (2019). A surveillance system for lymphatic filariasis after its elimination in Sri Lanka. *Parasitology International*, 68(1), 73-78.
- 9 Yahathugoda, T.C., Weerasooriya, M.V., Samarawickrema, W.A., Kimura, E., and Itoh, M. (2018). Impact of two follow-up schemes on morbidity management and disability prevention (MMDP) programme for filarial lymphedema in Matara, Sri Lanka. *Parasitology International*, 67(2),176-183.
- 10 Yahathugoda, T.C., Weiler, M., Rao, R., De Silva, L., Dixon, J., Weerasooriya, M.W., Weil, G. and Budge, P. (2017). Use of a novel portable 3D scanner to measure limb volume and circumference in patients with filarial lymphedema. *American Journal of Tropical Medicine and Hygiene*, 97(6),1836-1842.
- 11 Gunawardena, S., Daniels, R.F., Yahathugoda, T.C., Weerasooriya, M.V., Durfee, K., Volkman, S.K., Wirth, D.F. and Karunaweera, N.D. (2017). Case report of *Plasmodium ovale curtisi* malaria in Sri Lanka: relevance for the maintenance of elimination status. *BMC Infectious Diseases*,24; 17(1), 307.
- 12 Yahathugoda, T.C., Supali, T., Rao, R.U., Djuardi, Y., Stefani, D., Pical, F., Fischer, P.U., Lloyd, M.M, Premaratne, P.H., Weerasooriya, M.V. and Wei, I G.J. (2015). A comparison of two tests for filarial antigenemia in areas in Sri Lanka and Indonesia with low-level persistence of lymphatic filariasis following mass drug administration. *Parasites & Vectors*,8, 369.
- 13 Yahathugoda, T.C., Weerasooriya, M.V., Sunahara, T., Kimura, E., Samarawickrema, W.A. and Itoh, M. (2014). Rapid assessment procedures to detect hidden endemic foci in areas not subjected to mass drug administration in Sri Lanka. *Parasitology International*, 63,87-93.
- 14 Yahathugoda, T.C., Weerasooriya, M.V. and Samarawickrema, W.A. (2013). An independent evaluation of the national programme for the elimination of lymphatic filariasis. *Galle Medical Journal*, 18, 31-43.
- 15 Nagaoka, F., Itoh, M., Samad, M.S., Takagi, H., Weerasooriya, M.V., Yahathugoda, T.C., Hossain, M., Moji, K. and Kimura, E. (2013). Visual detection of filaria-specific IgG4 in urine using red-colored high density latex beads. *Parasitology International*, 62,32-35.
- 16 Itoh, M., Weerasooriya, M.V., Yahathugoda, T.C., Takagi, H., Samarawickrema, W.A. and Kimura, E. (2011). Effects of 5 rounds of Mass Drug Administration with diethylcarbamazine and albendazole on filaria-specific IgG4 titers in urine: 6-year follow-up study in Sri Lanka. *Parasitology International*, 60,393-397.

- 17 Takagi, H., Itoh, M., Kasai, S., Yahathugoda, T.C., Weerasooriya, M.V. and Kimura, E. (2011). Development of a loop mediated isothermal amplification method for detecting *Wuchereria bancrofti* DNA. *Parasitology International*, **60**, 493-397.
- 18 Yahathugoda, T.C., Weerasooriya, M.V., and Samarawickrema, W.A. (2010). Elimination of lymphatic filariasis in Sri Lanka: how an independent research group supported the programme. [www.filaria.org](http://www.filaria.org), [Online]. Available at: <http://www.filaria.org/documents/SriLankaStory.pdf> [Accessed 6 Decemeb 2015].
- 19 Weerasooriya, M.V., Isogai, Y., Itoh, M., Yahathugoda, T.C., Vidanapathirana, K.K., Mudalige, M.P. and Kimura, E. (2008). Distribution of filarial elephantiasis and hydrocele in Matara district, Sri Lanka, as reported by local leaders, and an immunological survey in areas with relatively high clinical rates. *Parasitology International*, **57**, 390-395.
- 20 Weerasooriya, M.V., Yahathugoda, T.C., Wickramasinghe, D., Gunawardena, N.K., Dharmadasa, R.A., Vidanapathirana, K.K., Weerasekara, S.H. and Samarawickrema, W.A. (2007). Social mobilisation, drug coverage and compliance and adverse reactions in a Mass Drug Administration (MDA) Programme for the Elimination of Lymphatic Filariasis in Sri Lanka. *Filaria Journal*, **6**, 11.
- 21 Yahathugoda, T.C., Wickramasinghe, D., Weerasooriya, M.V. and Samarawickrema, W.A. (2005). Lymphoedema and its management in cases of lymphatic filariasis: the current situation in three suburbs of Matara, Sri Lanka, before the introduction of a morbidity-control programme. *Annals of Tropical Medicine and Parasitology*, **99**, 501-510.
- 22 Yahathugoda, T.C., Wickramasinghe, D., Liyanage, T.S., Weerasooriya, M.V., Mudalige, M.P.S., Waidyaratne, E.I. and Samarawickrema W.A. (2003). Knowledge on Lymphatic Filariasis and the response to July 2002 Mass Treatment Campaign of two communities in the Galle District. *Ceylon medical journal*, **48**, 74-77.
- 23 Wickramasinghe, D., Yahathugoda, T.C., Dahanayake, N. and Weerasooriya, M.V. (2003). Peripheral Blood Eosinophilia - how relevant in clinical practice? *Journal of Ruhunu Clinical Society*, **10**, 7-8.

**Published as Abstracts (Presentation at conventions):**

- 1 Budge, P., De Silva, N.L., Weiler, M., Sullivan, S., Weerasooriya, M.V., Sharmini Gunawardena, S and Yahathugoda, T.C. (2020). Comparison of four longitudinal outcome measures for limb lymphedema. *The 69th Annual Meeting of the American Society of Tropical Medicine & Hygiene*. Abs. No. 1594, 452.
- 2 Ruben, J., Yahathugoda, T.C., Weerasooriya, M.V., Senadheera, C., Somasiri, K.G. and Perera B.(2020). Development and assessment of the psychometric properties of a new scale (15 item PSB-CL) to monitor the psychosocial burden of chronic lymphedema in filariasis. *The 69th Annual Meeting of the American Society of Tropical Medicine & Hygiene*. Abs. No. 1596, 453.

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## Editorial work

- 1 Editor-in-Chief of Ruhuna Journal of Medicine (RJM) 2013 Vol. 1 No.1
- 2 Editor-in-Chief of Ruhuna Journal of Medicine (RJM) 2015 Vol. 3 No.1
- 3 A member of Editorial Board of Galle Medical Journal (GMJ) 2021 Vol. 26 No.2
- 4 A member of Editorial Board of Galle Medical Journal (GMJ) 2021 Vol. 26 No.1
- 5 A member of Editorial Board of Galle Medical Journal (GMJ) 2020 Vol. 25 No.4
- 6 A member of Editorial Board of Galle Medical Journal (GMJ) 2020 Vol. 25 No.3
- 7 A member of Editorial Board of Galle Medical Journal (GMJ) 2020 Vol. 25 No.2
- 8 A member of Editorial Board of Galle Medical Journal (GMJ) 2020 Vol. 25 No.1
- 9 A member of Editorial Board of Galle Medical Journal (GMJ) 2019 Vol. 24 No.2
- 10 A member of Editorial Board of Galle Medical Journal (GMJ) 2019 Vol. 24 No.1
- 11 A member of Editorial Board of Galle Medical Journal (GMJ) 2018 Vol. 23 No.2
- 12 A member of Editorial Board of Galle Medical Journal (GMJ) 2018 Vol. 23 No.1
- 13 A member of Editorial Board of Galle Medical Journal (GMJ) 2017 Vol. 22 No.2
- 14 A member of Editorial Board of Galle Medical Journal (GMJ) 2017 Vol. 22 No.1
- 15 A member of Editorial Board of Galle Medical Journal (GMJ) 2016 Vol. 21 No.2
- 16 A member of Editorial Board of Galle Medical Journal (GMJ) 2016 Vol. 21 No.1

## GRANTS

### Research Grants:

## International - Research Grants

**Agency.** Lymphatic Filariasis Support Centre, Liverpool School of Tropical Medicine, United Kingdom, Grant awarded to Dr. T.C. Yahathugoda, Lecturer **Status:** Principal investigator **Title:** Identification of endemic areas of Bancroftian filariasis in the Galle and Hambanthota Districts using a cost-effective method. **Period:** Three years commencing January 2003. **Value: US dollars 10000/-.**

**Agency.** Lymphatic Filariasis Support Centre, Liverpool School of Tropical Medicine, United Kingdom, **Status:** Co-investigator **Title:** Independent Assessment of the 27<sup>th</sup> July Mass Drug administration Programme for the Elimination of Lymphatic Filariasis in Sri Lanka. **Period:** One year commencing August 2003. **Value: US dollars 4500/-.**

**Agency.** Lymphatic Filariasis Support Centre, Liverpool School of Tropical Medicine, United Kingdom, **Status:** Co-investigator/ Principal investigator, three proposals **Titles:** An operational study to improve the activities of the PELF in the Galle Municipality, Lymphoedema Management Home Based Care Programme in Matara and Duration of the Mass Drug administration Programme necessary to achieve interruption of transmission. **Period:** Two years commencing May 2004. **Value: US dollars 31500/-.**

**Agency.** Lymphatic Filariasis Support Centre, Liverpool School of Tropical Medicine, United Kingdom, **Status:** Co-investigator, proposal **Title:** To monitor the effect of the MDA on microfilaria rate and density and on the intestinal helminths in four villages in Walgama, Matara. **Period:** Five years commencing January 2008. **Value: US dollars 6500/-.**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Title:** A study to demonstrate the existence of undocumented endemic foci of bancroftian filariasis in a district not covered by mass drug administration - Phase I/II. **Period:** Commenced in January 2010. **Value: US dollars 2585/-**

**Agency.** Centre for Neglected Tropical Diseases, Liverpool School of Tropical Medicine, United Kingdom, **Status:** Principal Investigator, proposal. **Title:** A study to explore the psychological burden of lymphatic filariasis and establish new management guidelines to be used in national LF elimination programme in Sri Lanka. **Period:** Three years commencing May 2011. **Value: US dollars 30009/-.** (Ongoing)

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Title:** A study to demonstrate the existence of undocumented endemic foci of bancroftian filariasis in a district not covered by mass drug administration - Phase III. **Period:** Commenced in January 2012. **Value: US dollars 2305/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Title:** A study to demonstrate the existence of undocumented endemic foci of bancroftian filariasis in a district not covered by mass drug administration - Phase III. **Period:** Commenced in April 2013. **Value: US dollars 6000/-**

**Agency.** Bill and Melinda Gates Foundation via Washington University, USA - Research Sub Award - **WU-14-159.** Status: Co-investigator **Title:** Cross-sectional community surveillance using filarial antigen and microfilaria tests in post mass drug administered areas in Sri Lanka . **Period:** One year commencing August 2013. **Value: US dollars 19,736/-.**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Title:** A long-term follow-up study to confirm elimination of filariasis in Galle and Matara districts, Sri Lanka, and to evaluate urine ELISA as a tool for the confirmation. **Period:** Commenced in February 2015. **Value: US dollars 4000/-.**

**Agency.** Washington University, USA - Status: Co-investigator Title: A pilot study to evaluate LymphaTech® Scanner for Lymphatic Filariasis-associated Leg Lymphedemas. Period: Six month commencing May 2017. **Value: US dollars 1826/-.**

**Agency.** USAID via TFGH, Atlanta, USA - Research Award - **U-005-NTD-FY17-002.** Status: Principal Investigator Title: A multi-center, double-blind, randomized, 24-month study, to compare the efficacy of doxycycline once daily for 6 weeks versus placebo in improving filarial lymphedema independent of active filarial infection. Period: Three year commencing August 2017. **Value: US dollars 339,000/-.**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Title:** A long-term follow-up study to confirm elimination of filariasis in Galle and Matara districts, Sri Lanka, and to evaluate urine ELISA as a tool for the confirmation. **Period:** Commenced in August 2017. **Value: US dollars 3400/-**

**Agency.** The Foundation For Barnes-Jewish Hospital (BJHF) via Washington University, USA - Research Sub Award - **WU-19-37.** Status: Practical application of three-dimensional infrared imaging for longitudinal monitoring of lower extremity lymphedema. Period: One year commencing April 2018. **Value: US dollars 5,795/-.**

### **National - Research Grants**

**Agency:** University of Ruhuna, Matara, Sri Lanka. Research Grant awarded to Dr TC Yahathugoda. **Status:** Principal Investigator, **Title:** "Identification of endemic areas of bancroftian filariasis in Galle district using Rapid Assessment Procedures (RAPs)". **Period:** One year, commencing 2003 – **Value: Sri Lanka Rs 36,000/-.**

**Agency.** TURIS Grant University of Ruhuna, Grant awarded to Dr T.C. Yahathugoda **Title:** Confirmation of elimination of Lymphatic Filariasis (LF) in Sri Lanka based on the levels of human and mosquito infections determined by urine-based immunodiagnosis and molecular xenodiagnosis to detect Wuchereria bancrofti DNA in vector mosquitoes **Period:** Commenced in June 2013. **Value: SLR 4,000,000.00/-**

**Agency:** Galle Medical Association Research Grant 2019 **Status:** Principal Supervisor, **Title:** "Development of DNA and antibody-based methods for diagnosis and risk mapping of cutaneous leishmaniasis (CL) caused by Leishmania donovani in Hambantota, Sri Lanka." **Period:** One year, commencing 2019– **Value: Sri Lanka Rs 200,000/-.**

### **International - Travel Grants**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** One-month training on immunodiagnosis in Lymphatic Filariasis. **Period:** Commenced in January 2004. **Value: US dollars 6000/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** One month stay to analyse samples collected for the PhD studies. **Period:** Commenced in 28th August 2006. **Value: US dollars 6000/-**

**Agency.** Lymphatic Filariasis Support Centre, Liverpool School of Tropical Medicine, United Kingdom, **Purpose:** To read two papers at 11th International Congress of Parasitology, August 2006, SECC, Glasgow, Scotland. **Period:** commencing 6th August 2006. **Value: US dollars 2700/-**.

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** One month stay to analyse samples collected for the PhD studies. **Period:** Commenced in February 2008. **Value: US dollars 6000/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** One month stay to analyse samples collected for the PhD studies. **Period:** Commenced in October 2008. **Value: US dollars 6000/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** To read three papers at Xth International Symposium on Vectors and Vector Borne Diseases, November 2009, Goa, India. **Period:** Commenced in November 2009. **Value: US dollars 1600/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** One month stay to analyse samples collected for the collaborative studies. **Period:** Commenced in April 2010. **Value: US dollars 6000/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** To read three papers at The XIIth International Congress of Parasitology, August 2010, Melbourne, Australia.. **Period:** Commenced in August 2010. **Value: US dollars 2000/-**

**Agency.** Conference Secretariat ICOPA XII, Grant awarded to Dr T.C. Yahathugoda **Purpose:** To read three papers at The XIIth International Congress of Parasitology, August 2010, Melbourne, Australia.. **Period:** Commenced in August 2010. **Value: US dollars 500/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** To read a papers at Joint International Tropical Medicine Meeting 2010 and International Malaria Colloquium 2010, Bangkok, Thailand. **Period:** Commenced in December 2010. **Value: US dollars 1600/-**

**Agency.** Japanese Government, Grant awarded to Dr T.C. Yahathugoda **Purpose:** One month stay to analyse samples collected for the collaborative studies. **Period:** Commenced in December 2011. **Value: US dollars 6000/-**

#### **National - Travel Grants**

**Agency.** National Science Foundation Sri Lanka, Grant awarded to Dr T.C. Yahathugoda **Purpose:** To read two papers at 1st ASEAN CONGRESS OF PARASITOLOGY AND TROPICAL MEDICINE & 40th ANNUAL SCIENTIFIC SEMINAR OF MSPTM in Malaysia. **Period:** Commenced in March 2004. **Value: US dollars 500/-**

#### **Academic Bodies**

1. Member, Board of Study in Microbiology, Postgraduate Institute of Medicine, University of Colombo – 2018 -2020.
2. Associate Editor, The Galle Medical Journal – 2016 to date.

### Membership in Professional Bodies:

- 1 Registered Member, Sri Lanka Medical Council (SLMC).
- 2 Life Member, Sri Lanka Medical Association (SLMA).
- 3 Life Member, Galle Medical Association (GMA) Sri Lanka.
- 4 Life Member, Sri Lanka College of Microbiologists (SLCM).

### Membership in University Bodies:

- 1 Member of Action Committee for COVID-19 prevention, Faculty of Medicine, Galle since 2020
- 2 Chairperson/ Awards & Victory Committee, Sri Lanka University Games (SLUG), University of Ruhuna, 2019.
- 3 Senate member / University of Ruhuna, Since 2011.
- 4 Chairperson/ Auditorium Committee, Faculty of Medicine, Galle from 2019 - 2017
- 5 Student counselor/ Faculty of Medicine, University of Ruhuna, from 2019-2021
- 6 President, Ruhuna Medical Faculty Teachers' Association 2016/2017
- 7 Member / University Academic Sessions 2012-16 & 10th-13th Vice-Chancellor's Awards Committee, Faculty of Medicine, Galle year 2012-2016
- 8 Chairperson / Faculty Academic Session Committee, Faculty of Medicine, Galle year 2014.
- 9 Convener / Faculty Academic Session Committee, Faculty of Medicine, Galle year 2012/2013
- 10 Head/ Learning Materials Committee, Faculty of Medicine, Galle since 2011- to date
- 11 Chairperson/ Lecture Theater Committee, Faculty of Medicine, Galle from 2011-2017
- 12 Social Secretary, Galle Medical Association 2010/2011, 2019/2020, 2021/2022
- 13 Social Secretary, Ruhuna Medical Faculty Teachers' Association 2010/2011, 2019/2020, 2021/2022
- 14 Member of Learning Materials Committee, Faculty of Medicine, Galle since 2008- 2017
- 15 Convener of Research & Higher Degrees committee, Faculty of Medicine, Galle since 2007 - 2014
- 16 Faculty Representative of Sport Advisory Board in University of Ruhuna 2007
- 17 Resource person in Medical Laboratory Science Degree Programme since 2007 to date.
- 18 Member of Health Museum sub-committee, Faculty of Medicine, Galle 2006 - 2017
- 19 Member of Research & Higher Degrees committee, Faculty of Medicine, Galle from 2005 - 2007
- 20 Member of Lecture Theater Committee, Faculty of Medicine, Galle since 2003-2011
- 21 Member of Library Committee Faculty of Medicine, Galle 2003/2004
- 22 Faculty Representative of WUS in University of Ruhuna 2003/2004

23 Secretary Ruhuna Medical Faculty Teachers' Association 2002/2003