

# CURRICULUM VITAE

**Name:** Sriyani Ekanayake

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**Present Post:**

- **Emeritus Professor**, University of Sri Jayewardenapura
- **Senior Professor** and Head, Department of Parasitology, South Asian Institute of Technology and Medicine, Malabe

**Education:**

Ph.D, University of Georgia, USA, 1990

M.Sc, University of Sri Jayewardenapura, Sri Lanka, 1979

B.Sc, Zoology Special, University of Ceylon, Sri Lanka, 1974

**Previous Employment:**

**Senior Professor of Parasitology/Cadre Chair** , 14<sup>th</sup> September 2014 – 31<sup>st</sup> December, 2014, Faculty of Medical Sciences, University of Sri Jayewardenapura

**Professor of Parasitology/Cadre Chair** , 14<sup>th</sup> September 2006 –14<sup>th</sup> September 2014, Faculty of Medical Sciences, University of Sri Jayewardenapura

**Associate Professor**, 24<sup>th</sup> September 2002 – 13<sup>th</sup> September 2006, Department of Parasitology, Faculty of Medical Sciences, University of Sri Jayewardenapura

**Senior Lecturer / Head of Department of Parasitology**, 1<sup>st</sup> February 1995 – 23<sup>rd</sup> September 2002, Faculty of Medical Sciences, University of Sri Jayewardenapura

**Senior Lecture/ Head of Department of Parasitology, 20<sup>th</sup> September 1993 – 31<sup>st</sup> January 1995** Faculty of Medicine, University of Kelaniya, Ragama

**Senior Lecturer, 15<sup>th</sup> February 1991 – September 1993,** Department of Parasitology, North Colombo Medical College, Ragama, Sri Lanka

**Research Assistant, 31<sup>st</sup> September 1985 – November 1990,** Department Of Parasitology, University of Georgia, Athens, Georgia, USA

**Research Officer, July 1979 – August 1985,** Department of Parasitology, Medical Research Institute, Colombo,

#### **Fellowships/Training:**

**IRQUE/World Bank Fellowship** for study tour and attending 3<sup>rd</sup> Asia Pacific Medical Education Conference. 18-21 February 2006. National University of Singapore, Singapore

**British council Fellowship** for study tour to observe Programme on B.Sc Biomedical Science, School of Pharmacology, Biomedical and Physical Science, University of Portsmouth, U.K., September – October 1999

**World Health Organization fellowship** to follow a Medical Education Training Programme in University of Sains Malaysia, Kelantan, Malaysia, 16-31 December 1996

**World Health Organization fellowship** to follow WHO/IUIS Refresher Course on Immunology, Vaccinology and Biotechnology Applied to infectious Diseases, Pune, India, 24 November to 10<sup>th</sup> December 1999

**International Atomic Energy Authority Fellowship** to follow the interregional Training Course on Nuclear Techniques in the study of parasitic infections of man, Uniformed Services University of Health Services Bethesda, USA 8<sup>th</sup> to 27<sup>th</sup> August 1983

**World Health Organization fellowship** to follow an advanced course in Immunopathology of Infectious Diseases, WHO Immunology and Training Centre, Laussane/Geneva, Switzerland, 1<sup>st</sup> September 1981 to 1<sup>st</sup> October 1981

### **Books and Chapters published in books:**

- Handbook on Diagnosis of Intestinal Parasites, Sriyani Ekanayake, 2001. Printers: Piyasiri Printers
- Handbook on Diagnosis of Blood and Tissue Parasites, Sriyani Ekanayake, 2005. Printers: Piyasiri Printers
- Quality standards in research, Sriyani Ekanayake, 2004 Research Methodology. Editors Roshini Peris-John, Sirimali Fernando, 115 – 121
- Writing a research paper (2004) Research Methodology. Editors Roshini Peris-John, Sirimali Fernando, Chapter 11,99 – 107.
- Diagnosis of filariasis using filarial worms of animal origin, Asian Parasitology, Editors Eisaku Kimura, Han-Jong, Sun Dejian, Mirani Weerasooriya, 3, 253 -259.

## Publications:

- Huffman, M. A., Nahallage C.A.D., Hasegawa H., **Ekanayake S.**, De Silva L.D.G.G., Athauda I.R.K. (2013) Preliminary survey of the distribution of four potentially zoonotic parasite species among primates in Sri Lanka. Journal of the National Science Foundation of Sri Lanka, 41 (4): 319-326.
- Wijesinghe R.S., Wickramasinghe A.R., **Ekanayake S.** and Perera M.S.A. (2008) Treatment seeking behavior and treatment practices of lymphatic filariasis patients with lymphoedema in the Colombo district, Sri Lanka, Asia Pacific Journal of Public Health, 20 (2): 129 - 132
- Wijesinghe, R.S., **Ekanayake S.**, Perera M.S.A., Wickramasinghe A.R. (2007) Knowledge and perceptions of filariasis in Colombo, Sri Lanka, among patients with chronic filarial lymphoedema. Annals of Tropical Medicine and Parasitology, 101(3): 251-223
- Wijesinghe R.S., Wickramasinghe A.R., **Ekanayake Sriyani** and Perera M.S.A. (2007) Physical disability and psychosocial impact due to chronic filarial lymphoedema in Sri Lanka. Filaria Journal 6:4
- Wijesinghe R.S., Wickramasinghe A.R., **Ekanayake S.** and Perera M.S.A. (2007) Efficacy of a limb care regime in preventing acute adenolymphangitis in patients with lymphoedema caused by bancroftian filariasis in Colombo, Sri Lanka, Annals of Tropical Medicine and Parasitology, 101(6): 487 – 497.
- Morel Rumala, **Ekanayake Sriyani** and Abekoon Sarath (2007) *Strongyloides stercoralis* isolated by agar plate culture, The Ceylon Medical Journal, 52(4); 150
- **Ekanayake Sriyani**, Perera M.S.A., Sivayogan S. (2002) Comparative evaluation of three diagnostic techniques for detection of bancroftian filariasis during daytime in Sri Lanka, Sri Lankan Family Physician, 25 (1): 25 – 27
- Wickramasinghe, M.N., **Ekanayake Sriyani**, Karunanayake Eric H. *Wuchereria Bancrofti* (2001) Detection of microfilariae in asymptomatic microfilaraemic individuals with *Setaria digitata* antigens, Journal of Tropical Medicine and Public Health, 32,(2), 230 -234

- **Ekanayake, S.** , Warnasuriya, N.D., Samarakoon, P.S., Kuruppuarachchi, N.D., Dissaniake, A. S. (1999). An unusual infection of a child in Sri Lanka, with *Taenia taeniaeformis* of the cat. *Annals of Tropical Medicine and Parasitology*, 93(8) 869-873.
- Senanayake, Rushika., **Ekanayake, Sriyani.**, Perera M.S.A., Sivayogan S. (1999). Prevalence of parasitic infections among female hostellers in the University of Sri Jayewardenapura. *Sri Lanka Family Physician*, 22, 43-46.
- **Ekanayake, Sriyani** and Hanson, W.L. (1998). Antibody response of mice and non human primates to antigen fractions of *Leishmania donovani*, *Journal of Basic and Applied Biomedicine*, 6 (1),5- 11
- **Ekanayake, Sriyani** (1997 )Studies on *Dirofilaria repens* – Effect of splenectomy and immune-suppression of the host on microfilaraemia, *Kandy Medical Journal*,6 ( 2), 35 -39
- **Ekanayake, Sriyani** and Kurukulasuriya, N.T. (1995) A study on the prevalence of antibodies to *Toxoplasma gondii* in pregnant women (1997) *Kandy Medical Journal*, 2, 36 -40.
- **Ekanayake, Sriyani** and Ratnayake, W.E. (1980) Four new morphological mutants of *Culex pipiens fatigans* (*Culex quinquefasciatus*), *Sri Lanka Journal of the National Sciences Council of Sri Lanka*, 8(2), 127 – 141

#### **Presentation at conferences and meetings – Published in abstract form:**

- Huffman M.A., Nahallage C.A.D., **Ekanayake S.**, Hasegawa H., De Silva L.D.G.G., Athauda I. R. K., (2012) Preliminary parasitic survey of the natural primate reservoirs of potential zoonoses in Sri Lanka. *Proceedings of the International Research Conference on Humanities and Social Sciences 2012.*
- Gunawardena D. M. D. E.A. , Priyadarshana G. D. P.K., Prathapan S., Wickramasinghe R. **Ekanayake S.** (2008) Proportion of infection and clinical features of *Toxoplasma gondii*, *Strongyloides stercoralis* and *Cryptosporidium parvum* among a selected group of immunocompromised patients, *Annual Sessions of the Ceylon College of Physicians 2008,*

- Gunawardena D. M. D. E.A. , de Silva L.D.G.G, Tilakaratne W.D.T, Prathapan S., Priyadarshana G. D. P.K., Wickramasinghe R. **Ekanayake S.** (2008) Opportunistic infections in a selected group of immunocompromised patients, Bulletin of the Sri Lanka College of Microbiologists, 6,1, OP-14
- Gunawardena D. M. D. E.A. , de Silva L.D.G.G, Tilakaratne W.D.T, Prathapan S., Priyadarshana G. D. P.K., **Ekanayake S.**, Wickramasinghe R. (2008) Parasitic infections among institutionalized individuals, Bulletin of the Sri Lanka College of Microbiologists, 6,1, PP-18
- Banneheke, B.M.H.A., Gunawardena D. M. D. E.A. , Pinidiyapathirage M.J., **Ekanayake S.**, Withana R.J., Tilakaratne W.D.T. (2008) Geohelminth infection in an estate child population in Sri Lanka: association with hygienic practices and eosinophil counts, Bulletin of the Sri Lanka College of Microbiologists, 6,1, OP-4
- Ranasinghe P.H.K.I.S., **Ekanayake Sriyani**, Fernando G.H. (2001). Cryopreservation and *in-vitro* culture of microfilariae of *Wuchereria Bancrofti*, Annual Academic Sessions, Faculty of Medical Sciences, University of Sri Jayewardenapura
- Wickramanayake, M.N., Chandrasekharan, N. V., **Ekanayake, Sriyani**, Karunanayake, E. H., Casinader, J.K., Jayasena, S. M. T.(1998) A '*Setaria digitata* CDNA encoding the gene for myosin- light chain recognized by sera from patients with bancroftian filariasis' Proceedings of the fifty fourth Annual Sessions of the Sri Lanka Association for Advancement of Sciences, A-36
- Wickramanayake, M.N., ., **Ekanayake, Sriyani**, Karunanayake, E. H. (1994 ) Identification of antigens of *S. digitata* for immunodiagnosis of bancroftian filariasis, Proceedings of the Sri Lanka Association for Advancement of Sciences. A-2
- **Ekanayake, Sriyani** and Hanson, W.L. and Dennis, V.A. (1990) Serologic response of mice and non-human primates to antigen fractions of *Leishmania donovani*, Annual Sessions of the American Society of Parasitologists, East Lansing, MI, USA
- **Ekanayake, Sriyani** and Hanson, W.L.(1990)The antibody and cell mediated immune responses of CF1 mice to different antigenic fractions of *Leishmania donovani*, Southern Conference of Animal Parasites. Raleigh, NC, USA.

- **Ekanayake, Sriyani** and Hanson, W.L.(1989) Antibodies to *Leishmania donovani* during experimental infection in the mouse as demonstrated by sodium dodecyl sulfate polyacrylamide gel electrophoresis and Western Blot techniques. Southern Conference on Animal Parasites, Athens, GA, USA.
- **Ekanayake, Sriyani** and Ratnayake W.E. (1986) A new mutation in *Culex pipiens fatigans* affecting the adult eye. Proceedings of the Sri Lanka Association for Advancement of Sciences.
- **Ekanayake, Sriyani** and Ratnayake W.E. (1997) Unsegmented tarsi (UST) – A morphological mutant of the leg of *Culex pipiens fatigans*, Proceedings of the Sri Lanka Association for Advancement of Sciences

#### Awards:

- **President's Research Award 2007** for authorship in citation : Annals of Tropical Medicine and Parasitology 2007.Vol 101,Iss 6, pp **487-497**
- **President's Research Award 2007** for authorship in citation: Annals of Tropical Medicine and Parasitology 2007.Vol 101,Iss 3, pp **215-223**
- **E. M. Wijeratne Award** for the Best paper at the Annual Academic Sessions of the Ceylon College of Physicians 2008 for the paper “ Proportion of infection and clinical features of *Toxoplasma gondii*, *Strongyloides stercoralis* and *Cryptosporidium parvum* among a selected group of immunocompromised patients’.
- **President's Research Award 2000** for authorship in citation : Annals of Tropical Medicine and Parasitology. 93: 869 – 873

### **Membership in National Committees and National Development Activities:**

- **Member 2011 – 2014, Research Panel on Health Sciences, National Science Foundation, Sri Lanka.**
- **Member Review Panel, Subject Review Assessment in Universities 2007**
- **Committee Member, Steering Committee, Senior Scientists Forum, National Science Technology Commission, Sri Lanka,**
- **Committee Member, Board of Study in Microbiology, Postgraduate Institute of Medicine, University of Colombo from 1994 – 2005**

### **Academic activities and positions held:**

#### **University of Sri Jayewardenapura**

- **Chairperson, Committee to formulate the prospectus, Faculty of Medical Sciences, 2014.**
- **Coordinator, Examination unit, Faculty of Medical Sciences, 2009 -2010.**
- **Chairperson, Board of Study in medical Sciences, Faculty of Graduate studies, 2007 -2010**
- **Activity Leader, Capacity Building in Research, IRQUE ( Improving Relevance and Quality of Undergraduate Education)Project, Faculty of Medical Sciences,Funded by the World Bank, 2004 -2009.**
- **Chairperson, Research Committee, Faculty of Medical Sciences, 2006 -**
- **Member of the Quality Assurance cell of the University, 2007**
- **Member of Sub-Committee appointed for Preparation of the self evaluation Report for the Institutional Review 2008**



- Member of committee appointed by Senate to report on **‘Disciplinary Action for Examination, 2007**
- Member of committee appointed by Senate to report on **‘Disciplinary Action for Examination Offences detected in Post Graduate Research Degrees awarded’** in the University, 2006
- Member of the organizing Committee of the **Academic Sessions of the 50 th Anniversary Celebrations** of the University. 2010.
- **Member of Accreditation Committee, Quality Assurance Programme,** (Faculty review) 2007.
- **Member, Steering committee to prepare revised curriculum** for Medical students, 2007.
- **Founder Head of Department of Parasitology , University of sri Jayewardenapura, 1995 – 2001**
- **Founder Head of Department of Parasitology in University of Kelaniya, Ragam, 1993 -1995 January**

