

# Curriculum Vitae

**Dahanayake Witharanage Padmini Dahanayake MBBS, MPhil, PhD**

Senior Lecturer, Department of Physiology

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[Google scholar:https://scholar.google.com/citations?user=\\_Ss6AxEAAAAJ&hl=en](https://scholar.google.com/citations?user=_Ss6AxEAAAAJ&hl=en)

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## **Personal Information**

**Name in Full:** Dr. Dahanayake Witharanage Padmini Dahanayake

**Home Address:** No.50/1/A, Kapuwatthawaluwattha, Pilapitiya, Kiribathkumbura,  
SRI LANKA

**Date of birth:** 31/05/1981

**Citizenship:** Sri Lankan

**Civil status:** Married

**Language proficiency:** English, Sinhala

## **Education**

- **Doctor of Philosophy (PhD) (August 2020) University of Peradeniya, Sri Lanka**

Title: “Assessment of vision using pattern reversal visual evoked potentials, pattern electroretinogram and electro-oculogram in patients with visual disorders”

- **Master of Philosophy (April 2014), Faculty of Medicine, University of Peradeniya, Sri Lanka**

Thesis title: Assessment of hearing using brain stem auditory evoked potentials in infants who are at risk of developing hearing defects

- **MBBS (Bachelor of Medicine and Surgery (August 2007), University of Peradeniya (Sri Lanka) - Graduated with Second class Honours, with a Distinction for Gynecology and Obstetrics**

### **Employment**

- **June 2014- to present :** Senior Lecturer, Department of Physiology, Faculty of Medicine, University of Peradeniya, Sri Lanka
- **June 2009- June 2014 :** Lecturer, Department of Physiology, Faculty of Medicine, University of Peradeniya, Sri Lanka
- **2010-2015:** Visiting lecturer for Human Biology Module in the Department of Medical Laboratory Science, Faculty of Allied Health Sciences, University of Peradeniya
- **2012- 2015:** Visiting lecturer in the Department of the physiotherapy , Faculty of Allied Health Sciences, University of Peradeniya
- **2010, 2014:** Visiting Lecturer in School of Medical Laboratory Technology in Teaching Hospital, Peradeniya
- **2015 -2017 :** Visiting lecturer in the Basic sciences, Faculty of Dental Sciences, University of Peradeniya
- **2010:** Visiting Lecturer for public Health Inspector Diploma Course 2010/11 Batch in Regional Health Training Centre, Kadugannawa
- **October 2007- March 2008:** Lecturer (Temporary), Department of Paediatrics, Faculty of Medicine, University of Peradeniya, Sri Lanka

- **March 2008- June2008** : Lecturer (Temporary), Department of Physiology, Faculty of Medicine, Rajarata University of Sri Lanka

### **Professional training**

- Completed the ‘Staff Development and Training’ programme conducted by the Medical Education Unit, Faculty of Medicine, University of Peradeniya (2009).
- Completed a training programme on electrophysiological techniques of vision organized by the National University of Singapore, National University Hospital and National University Health System of Singapore held in Singapore in April 2019.

### **Post graduate teaching and examinations**

- Visiting lecturer in MSC-Clinical Biochemistry in post graduate institute of Science-2020
- Examiner in MSC-Clinical Biochemistry in post graduate institute of Science-2020
- Examiner in MOC- Viva examination for MD part 1-Surgery – 2019

### **Research Interests and technical experience**

#### • **Research interests:**

- Clinical Neurophysiology
- Auditory evoked potentials
- Visual evoked potentials (VEP)
- Electroretinography (PERG)
- Electro-oculography (EOG)

#### • **Technical skills:**

- Auditory evoked potentials
- Visual evoked potentials
- Electroretinography
- Electro-oculography
- Nerve conduction tests

• **Training and experience:**

- Clinical Neurophysiology Unit, Teaching Hospital, Peradeniya, Sri Lanka since 2009 to date
- Trained in visual electrophysiology techniques in National University Hospital of Singapore under Prof. Graham Holder, Professor in Clinical Visual electrophysiology, Moorfield Eye Hospital, United Kingdom

**Research Supervision**

- Served as a co-supervisor of research project titled “effect of body mass index and different body positions on respiratory muscle strength and peak expiratory flow rate in young adults of university of Peradeniya” in a group of AHS/14 batch as a partial fulfillment the requirements for the award of the degree of Bachelor of Sciences in Physiotherapy in University of Peradeniya in 2020.

**Research Publications/conference presentations**

- Padmini Dahanayake, Tharaka L. Dassanayake, Manoji Pathirage, Anuradha Colombage, Indika B. Gawarammana, Saman Senanayake, Michael Sedgwick & Vajira S. Weerasinghe (2020). "Dysfunction in macula, retinal pigment epithelium and post retinal pathway in acute organophosphorus poisoning." Clinical Toxicology: 1-7.  
<https://doi.org/10.1080/15563650.2020.1771359>
- Padmini Dahanayake, Tharaka L. Dassanayake, Manoji Pathirage, Saman Senanayake, Mike Sedgwick & Vajira Weerasinghe (2020). "Electro-oculography in bilateral optic neuropathy." BMC Research Notes 13(1): 287. <https://doi.org/10.1186/s13104-020-05131-0>
- Weerasinghe, V. S., Dahanayake, D. W. P., Pathirage, L. P. M. M. K., Hangilipola, A., Baminiwatta, D., & Senanayake, S. (2019). Best abstract award runner-up. Effect of acute optic neuropathies on Light Peak: Dark trough ratio (Arden ratio) of electro-oculography. Clinical Neurophysiology, 130 (10), e180.

- Weerasinghe VS, Wijayasiri M, Weerasinghe NT, Dahanayake P, Shiroma RGL, Dassanayake T, Rathnayake N . S38. Boston questionnaire and neurophysiological findings in carpal tunnel syndrome in Sri Lanka. *Clinical Neurophysiology* 2018;129 supplement 1:e156.DOI: <https://doi.org/10.1016/j.clinph.2018.04.398>
- Combined use of Pattern Electroretinography (PERG) and Pattern Reversal Visual Evoked Potentials (PVEP) in Optic Neuropathies, DWP Dahanayake, LPMMK Pathirage, A. Hangilipola, D. Baminiwatta, S. Senanayake, VS Weerasinghe, *The Journal of the College of Ophthalmologists of Sri Lanka*, 2017; 23: 55-57: <http://www.cosl.lk/pdf/ophthalmologists-journal-vol-23-no-2-2017.pdf#page=13>
- Mike Sedgwick, DWP Dahanayake, TL Dassanayake, S Senanayake, VS Weerasinghe, The Corneo-Fundal Potential in Bilateral Optic Neuritis, British Society of clinical Neurophysiology (BSCN), 2019
- Surangika Wadugodapitiya, Vajira Weerasinghe, Padmini Dahanayake , Hilary Suraweera, Thushara Kudagammana, Tharaka Dassanayake, Outcome of functional motor disability in ankle dorsiflexion in children with cerebral palsy following low dose botulinum toxin A injection , *Abstract book of 48th Annual Meeting of Japanese Society of Clinical Neurophysiology (JSCN)*, 2018; 75
- D.W.P.Dahanayake, TL Dassanayake, VS weerasinghe, N Senanayake (2015), Long term follow up study of at- risk children for developing sensorineural hearing defects using brain stem auditory evoked potentials (BAEP). *The Journal of physiological sciences*; 65(2): S-A 84: [http://static.springer.com/sgw/documents/1587685/application/pdf/JPS\\_Vol65\\_supplement2\\_2015.pdf](http://static.springer.com/sgw/documents/1587685/application/pdf/JPS_Vol65_supplement2_2015.pdf)

- Dahanayake DWP, Pathirage LPMMK, Shiroma RGL, Senanayake S, Weerasinghe VS (2017), A study of electro-oculography (EOG) in patients with retinal disorders, *Presented at the 39<sup>th</sup> annual academic sessions of the Kandy society of Medicine 2017*, Book of Abstracts, 40
- DWP Dahanayake, LPMMK Pathirage, A Hangilipola, D Baminiwatta, S Senanayake, VS Weerasinghe, Combined use of Pattern Electrophoretography (PERG) and Pattern Reversal Visual Evoked Potentials (PVEP) in Optic Neuropathies, (2017) presented at the 26<sup>th</sup> annual academic congress of Sri Lanka College of Ophthalmologists, Sri Lanka; 30<sup>th</sup> September-1<sup>st</sup> October 2017
- Dahanayake DWP, Pathirage LPMMK, Shiroma RGL, Senanayake S, Weerasinghe VS (2017), Combined use of pattern electrophoretography (PERG) and electro-oculography (EOG) in retinal pigment epithelial disorders: preliminary data, *Proceedings of Peradeniya university international research sessions (ipurse 2017)*, 17:168-169
- DWP Dahanayake (2016), Assessment of hearing using brain stem auditory evoked potentials (BAEP) in at-risk infants and a follow up study in Sri Lanka, *proceedings of annual scientific sessions of the physiology society of Sri Lanka (PSSL)*, 19
- Padmini Dahanayake, Vajira Weerasinghe, Taraka Dassanayake, Nimal Senanayake (2012), Assessment of hearing using BAEP in infants who had prolonged NICU stay in Sri Lanka. Presented at the 3rd Biennial Conference of the South Asian association of Physiologists (SAAP- 3), Abstract book :65
- DWP Dahanayake, VS Weerasinghe, N Senanayake (2011), A study of brainstem auditory evoked potentials in infants who are at risk of developing hearing impairment, *Presented at the 33<sup>rd</sup> annual academic sessions of the Kandy society of Medicine 2011; Book of abstracts*, 40

- Y Ranasinghe, AMMK Athapaththu, GGRA Ariyasinghe, JMUA Bandara, DWP Dahanayake, CI Wansapura, AS Abeyagunawardane (2008), Presentation, complications and progress of patients with membranoproliferative Glomerular Nephritis at a tertiary care centre. Proceedings of the Sri Lanka College of Paediatricians, Vol 3 : 52
- CK Abeysekera, MD Lamawansa, GGRA Ariyasinghe, DWP Dahanayake, Y Ranasinghe, JMUA Bandara, AS Abeyagunawardane (2008), Outcome of Paediatric renal transplantation at a tertiary care center, , Proceedings of the Sri Lanka College of Paediatricians , Vol 3 : 50
- Y Ranasinghe, AMMK Athapaththu, PMSA Ruwan, GGRA Ariyasinghe, JMUA Bandara, DWP Dahanayake, AS Abeyagunawardane (2008), Review of children presenting with nephritic syndrome at a tertiary care center-, Proceedings of the Sri Lanka College of Paediatricians , Vol 3 : 51
- VS Weerasinghe, C Abeysekera, N. Wickremasinghe, R. Fernando, DWP Dahanayake, N. Senanayake (2008), Assessment of hearing using brain stem auditory evoked potentials in at risk infants, Proceedings of Peradeniya University Research Sessions, December 2008, Vol 13 : 272-273
- WAJC Chandrakumara, MRUN Bandara, MGMI Cader, BMLW Bandaranayake, PSK Batagalla, AM Bogahakumbura, AR Chandrarathne, BADI Chathuranga, DWP Dahanayake, DMMM Dassanayake, MT de Silva, GID de Silva, U Dangahadeniya, M Dissanayake (2009), A survey on drug treatment of Acne Vulgaris, 31<sup>st</sup> annual academic sessions of Kandy society of Medicine, February 2009, Vol 31: 200-201

## **Distinctions, Medals and Prizes**

### **Distinctions**

1. Distinction in Anatomy : in Second MBBS -January 2003
2. Distinction in Physiology : in second MBBS -January 2003
3. Distinction in Pharmacology : in third MBBS part1 - August 2004
4. Distinction in Parasitology : in third MBBS part1 - August 2004
5. Distinction in Community Medicine: in third MBBS part II - October 2005
6. Distinction in Pathology : in third MBBS part II - October 2005
7. Distinction in Obstetrics and Gynecology : Final MBBS - May 2007

### **Medals**

**2007:** Maneckbai Dadhabhoy Gold medal for Midwifery-Final MBBS

### **Prizes and Awards**

**2018:** Best abstract award – Runner up to the abstract titled “Effect of acute optic neuropathies on Light Peak: Dark trough ratio (Arden ratio) of electro-oculography” presented at the 48th Annual Meeting of Japanese Society of Clinical Neurophysiology (JSCN) held from 8<sup>th</sup>- 9<sup>th</sup> November 2018 in Japan

**2015:** Young scientist award in 8<sup>th</sup> Federation of the Asian Oceanian Physiological Societies (FAOPS) congress in 2015-held in Thailand

**2015:** K.N. Seneviratne Memorial Research Award – Physiology Society of Sri Lanka

**2015:** Winner of INRC Travel Grant, awarded by the International Research Center, University of Peradeniya, Sri Lanka

**2004:** Dr. Craib Prize- Third examination for Medical Degrees (part I)

**2007:** Naomi Thiagarajah memorial prize for midwifery-Final MBBS

**2007:** Dr.H. M. Peiris prize for Obstetrics and Gynaecology-Final MBBS



**2007:** Professor Kingsley de Silva prize for Obstetrics and Gynaecology-Final MBBS

**Invited speeches /Resource persons**

- Delivered an invited lecture at the annual scientific sessions of the physiology society of Sri Lanka (PSSL) on 26<sup>th</sup> November 2016 as the recipient of the KN Seneviratne memorial Research award – 2015
- Delivered a lecture to the post graduate medical officers on visual electrophysiological techniques at the Eye Unit, Teaching Hospital, Kandy in May 2018.
- Resource person and delivered an invited speech in work shop on “Assessment of cardiovascular parameters in clinical dentistry” held for Dental surgeons in North Western Province in September 2010

**Research Funding Obtained**

<b>Year</b>	<b>title</b>	<b>Award Type</b>	<b>Funding Body</b>	<b>Amount</b>
<b>2016</b>	An electrophysiological study of visual pathway using pattern reversal visual evoked potentials (PVEP), pattern electroretinogram (PERG) and electrooculogram (EOG) in patients with retinal, optic nerve and cortical disorders	<b>University research grant</b>	University of Peradeniya ,Sri Lanka	LKR 3,480, 000.00

<b>2015</b>	Long term follow up study of at- risk children for developing sensorineural hearing defects using brain stem auditory evoked potentials (BAEP).	<b>INRC Travel grant</b>  to participate and present at the 8 <sup>th</sup> Federation of the Asian Oceanian Physiological Societies (FAOPS) congress in 2015- held in Thailand	International Research Center, University of Peradeniya, Sri Lanka	LKR 95,000.00
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### **Participation in Professional Development and Continuing Education Activities**

- Participated the User Awareness workshop on retrieval of Health Information for the Academic staff held in July 2009
- Participated the Work shop for Dental surgeons in North Western Province in September 2010
- Participated the workshop on effective use of resources in postgraduate research organized by Faculty of Medicine, University of Peradeniya in 16<sup>th</sup> November 2012
- Participated the Post congress workshop on Neurophysiology , 3rd Biennial Conference of the South Asian association of Physiologists ( SAAP- 3 ):held in November 2012

- Participated the training workshop on peer review organized by the Monitoring and evaluation (Z) Committee, Faculty of Medicine, Peradeniya on 27<sup>th</sup> April 2012
- Participated the Workshop on academic mentoring conducted by the Faculty of Medicine in January 2014
- Participated the Workshop for supervisors and prospective supervisors of research degrees organized by the Higher Degrees Committee, Faculty of Medicine on 4<sup>th</sup> June 2015
- Attended the Workshop for bedside teaching for clinical teachers by Prof. Michael Wilkes on 5<sup>th</sup> June 2015
- Attended training sessions on Basics of EEG and EEG reporting conducted by Prof. M. Sedgwick, from Wessex Neurological centre, University of Southampton and consultant clinical neurophysiologist in UK in 2015
- Participated the Curriculum Revision Workshop 2016 organised by the Faculty of Medicine, University of Peradeniya held on 11<sup>th</sup> May 2016 at Earl's Regency Hotel, Kandy
- Participated the Joint academic meeting on SLQF mapping/assessment of higher order thinking/problem base learning process by the college of medical educationists and Faculty of Medicine, Peradeniya on 15<sup>th</sup> June 2016
- Participated to a workshop on Ethics in conducting and publishing research held on 26.07.2017 organized by Research committee, Faculty of Medicine, Peradeniya
- Participated certificate course on Research methodology organized by the Kandy Society of Medicine on 30<sup>th</sup> August 2007

### **Participation in Workshops, conferences**

- Participated the 39<sup>th</sup> annual academic sessions of the Kandy society of Medicine held in February 2017
- Participated 26<sup>th</sup> annual congress of the college of ophthalmologists of Sri Lanka ,Colombo retina meeting 2017 of the association of the vitreo retina specialists of Sri Lanka held in September 2017
- Participated the Annual Sessions of international Peradeniya University Research Sessions ( iPURSE ) November 2017
- Participated the 38<sup>th</sup> annual academic sessions of the Kandy society of Medicine held in February 2016
- Participated the annual scientific sessions of Physiology society of Sri Lanka on 26<sup>th</sup> November 2016
- Participated the 37<sup>th</sup> annual academic sessions of the Kandy society of Medicine held in February 2015
- Participated the foundation sessions of the Kandy society of Medicine held in 16<sup>th</sup> October 2015
- Attended the PeMSAA 12<sup>th</sup> international medical congress in 2014 , held in Kandy 2014
- Attended the One health international conference in September 2014
- Participated the 33<sup>rd</sup> Annual academic Sessions of Kandy Society of medicine in February 2011

- Attended the PeMSAA 11<sup>th</sup> international medical congress held in January 2012
- Participated the 3rd Biennial Conference of the South Asian association of Physiologists ( SAAP- 3 ): held in Colombo on 7<sup>th</sup>-9<sup>th</sup> November 2012
- Participated the Annual sessions of Peradeniya University Research Sessions (PURSE ) – December 2009
- Participated the Annual Sessions of Peradeniya University Research Sessions (PURSE ) – December 2010
- Participated the Annual Sessions of Peradeniya University Research Sessions ( PURSE ) July 2013
- Participated the Annual Sessions of Physiology Society of Sri Lanka- November 2009
- Participated the 32<sup>nd</sup> Annual academic Sessions of Kandy Society of medicine in February 2010

### **Membership in Professional Associations**

- Physiological Society of Sri Lanka (PSSL)  
Life member since 2009
- Kandy Society of Medicine (KSM)  
Life member since 2009

### **Positions Held In University and Professional Activities**

- Theme coordinator of Annual sessions of Peradeniya University Research Sessions ( PURSE ) 2012 held in July 2013
- Faculty representative of the ceremonial committee of the Annual sessions of Peradeniya International University Research Sessions ( iPURSE ) held in July 2014
- Chief examiner of the excretion & reproduction module, MBBS undergraduate curriculum, Faculty of Medicine, University of Peradeniya from 2015
- Examiner for the undergraduate examinations in Faculty of Medicine held from 2009 to Date
- Examiner for the undergraduate examinations in Faculty of dental sciences
- Examiner for the undergraduate examinations in Faculty of allied Health Sciences 2013- 2015
- Chief examiner of the post graduate MSC sports science examination in 2015
- Examiner of introductory Pediatric OSCE examination for medical undergraduates held in 2013
- Served as a facilitator of clinical case for relevance (CCR)/problem based learning tutorials for the batch 2008/2009,2009/10 in the scientific basis of medicine stream of the medical curriculum of the Faculty of Medicine, Peradeniya
- Conducted physiology practical sessions for postgraduate students of MD part 1 pediatrics examination in 2012
- Conducted practical classes on respiratory physiology for 1<sup>st</sup> year veterinary students of Faculty of veterinary medicine and animal science, University of Peradeniya in 2012

- Conducted practical classes on nerve conduction and muscle function physiology for 1<sup>st</sup> year veterinary students of Faculty of veterinary medicine and animal science, University of Peradeniya in 2014
- Appointed and served as a Module Coordinator, Faculty of Medicine, Peradeniya since 2013
- Vice president of Faculty Teachers association, Faculty of Medicine, University of Peradeniya for year 2013-2015
- Served as an author for preparation of the Physiology Practical manual of Dept of Physiology, Faculty of Medicine, Peradeniya in 2010, 2014 and 2015
- Contributed in the orientation programme for new entrants to the Faculty of Medicine, University of Peradeniya in 2015
- Served as a student advisor for groups of students in batch 2008/09, 2009/10
- Served as student mentor/academic counselor for groups of students in batches 2011/12, 2013/14, 2014/15, 2016/17
- Member of the Research & Development unit, Faculty of Medicine, Peradeniya
- Served as a post graduate Reviewer of the MSC sports programme thesis, Faculty of Medicine, University of Peradeniya in 2015
- Served as a Reviewer of the abstracts for the *i* Purse 2015 sessions, University of Peradeniya
- Member of the structure and function committee, 8<sup>th</sup> medical exhibition, 2015 Faculty of Medicine, Peradeniya
- Served as a Reviewer of a research proposal for ethical clearance of the Ethical review committee, Faculty of Allied Health Sciences, University of Peradeniya in 2017.

- Served as a Senior Student Counsellor, University of Peradeniya - 2020
- Serve as a member in Committee in Physiology Society of Sri Lanka from 2019-2020
- Serve as a member of Quiz committee in Physiology Society of Sri Lanka-2019-2020

### **English Language Proficiency**

IELTS (Academic) March 2018:

*Overall band score: 7.0*

*Component Band Score*

Listening 7.5

Reading 7.0.

Writing 6.5

Speaking 7.5

### **Extra-curricular Activities**

- English and Sinhala Literary competitions

Performed and won at college, provincial and national level in Sri Lanka

### **Referees**

1. Prof. Vajira Weerasinghe BDS,MPhil, PhD(UK)  
Professor of Physiology, Dept of Physiology  
Consultant Neurophysiologist, Teaching Hospital, Peradeniya, Sri Lanka



Member of the British Society for Clinical Neurophysiology (BSCN) and  
American clinical Neurophysiology society (ACNS)  
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2. Dr. Saman Senanayake MBBS, DO, MS (Ophth), FRCS  
Consultant Eye Surgeon  
Eye Unit, National Hospital, Kandy 20000, SRI LANKA  
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Tele: +94(0)776850798

3. Prof. Tharaka L. Dassanayake MBBS, MPhil, PhD (Australia)  
Professor in Neurophysiology, Department of Physiology  
Consultant in Neurophysiology and Cognition, Teaching Hospital Peradeniya, SRI  
LANKA  
Conjoint Senior Lecturer, School of Psychology, University of Newcastle,  
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