

P U B Harangala

Technical Officer Grade I

Department of Pathology

Faculty of Medicine

University of Peradeniya.

Email: udantha.harangala@med.pdn.ac.lk

Education

- * **Masters in Business Administration specialized in Health Sector Management (MBA(Health Sector Management))** In Cardiff Metropolitan University, United Kingdom
- * Holding **Sri Lanka Medical Council (SLMC) Registration** in Medical Laboratory Technologist
- * Certificate of proficiency as Medical Laboratory Technologist in The Ceylon Medical College Council
- * **Diploma in Laboratory Technology in chemistry (Clinical Laboratory Technology)** at Institute of Chemistry, Ceylon (Collage of Chemical Sciences)
- * Cisco Career Certification of **Cisco Certified Network Associate (CCNA)**
- * Diploma in Computer Studies from International Management College (IMC)
- * Diploma in Computer System Designs at National Institute of Business Management (NIBM)
- * GCE (A/L) and GCE (O/L) examinations

Training Programs & Workshop Participated

- * **Certificate in Management Information System** at Sri Lanka Institute of Development Administration (2009)
- * Three day **Workshop on PC and Network management** conducted by Postgraduate institute of Science (PGIS), University of Peradeniya (2006)
- * One-day **Workshop on healthcare waste Management** conducted by The Sri Lanka Universities' Technical Officers' Union at the Faculty of Medicine, University of Colombo (2013)

- * One day **Workshop on Quality Assurance in Medical Laboratory Tests** conducted by Department of Pathology, Faculty of Medicine, University of Peradeniya (2013)
- * One day Training **Workshop on Achieving Success through proper communication and Handling of hazardous chemical & Laboratory equipment** conducted by Hemsons International (Pte) Ltd (2014)

Research and Publications

Co-authorship

- * **Fatty liver and not adipose tissue macrophage infiltration is associated with impaired fasting glucose in adult Sri Lankan females -**
JP Rankothkumbura, S Rosairo, S Wijetunga, HMSRB Kotakadeniya, RMCJ Rathnayake, AMBD Bandara, KPG Karunaratne, **PUB Harangala**, and NS Kalupahana
Proceeding of The Kandy Society of Medicine 36th Annual Academic Sessions on 05th to 08th February 2014.

Acknowledgements

- **Effect of fluoride on major organs with the different time of exposure in rats**
Thanusha Perera, Shirani Ranasinghe, Neil Alles and Roshitha Waduge.
Published on : *Environmental Health and Preventive Medicine* (2018)
(DOI:10.1186/s12199-018-0707-2) Open access article.
Acknowledgements
The authors wish to thank Ms. Chathurangi Jayasena, Ms. Nadeeka Herath, and Mr. **Udantha Harangala**, Department of Pathology and all the technical officers of the Department of Biochemistry, Faculty of Medicine, University of Peradeniya, Sri Lanka.
- **Association between serum and adipose tissue resistin with dysglycemia in South Asian women**
Sulochana Wijetunge, R M C J Ratnayake, H M S R B Kotakadeniya, Shanthini Rosairo, Kembra Albracht-Schulte, Latha Ramalingam, Naima Moustaid-Moussa, Nishan S Kalupahana
Published on : *Nutrition and Diabetes* (2019) 9-5. Open access article.
Acknowledgements
We would like to acknowledge Mr. K.P.G. Karunaratna, Mr. G.H.D.S. Chandraprabha

and Mr. **P.U.B. Harangala** for their technical assistance. This research was funded by the International Research Center, University of Peradeniya, Sri Lanka (InRC/2015/01), an International Research/Development Seed Grant from the Office of International Affairs at Texas Tech University, and an International Research Seed Grant from the College of Human Sciences at Texas Tech University, and the Obesity Research Cluster at Texas Tech University.

Contributions to the University System

- * During to the Corvid 19 pandemic situation (Corona), The Department of Pathology was able to sustain its clinical services to Teaching Hospital Peradeniya and other hospitals uninterrupted during the curfew/ lockdown period due to our volunteer work to maintain the services.
- * Involving training programs in immunofluorescence techniques and how to handle renal biopsy samples to Medical Laboratory Technologists from following government and private institutes in Sri Lanka. District General Hospital Polonnaruwa, Sri Jayawardenapural Hospital, Teaching Hospital Anuradhapura, Medical Research Institute (MRI), Sirimavo Bandaranayake spatialized Hospital Peradeniya and Asiri Hospitals PLC.
- * Voluntary Service provided to cover laboratory investigations at the Medical Laboratory of the Health Centre of the University of Peradeniya during the period of influenza epidemic in 2018.
- * Design and implement new software system to print Lipid Profile reports to Biochemistry Section, Pathological Laboratory in Teaching Hospital Peradeniya.
- * Design and implement new software system to print HbA1c reports to Biochemistry Section, Pathological Laboratory in Teaching Hospital Peradeniya.
- * Design and implement new software system to print Serum and Urine Osmolality reports to Biochemistry Section, Pathological Laboratory in Teaching Hospital Peradeniya.
- * Design and implement new software system to print e-GFR reports to Biochemistry Section, Pathological Laboratory in Teaching Hospital Peradeniya.
- * Design and implement new software system to print Electrolyte Investigation reports to Biochemistry Section, Pathological Laboratory in Teaching Hospital Peradeniya.

- * Design and implement new software system to print reports for Hitachi 902 analyzer in Pathological Laboratory in Teaching Hospital Peradeniya.
- * Design and implement new software system to issue Bone marrow aspiration and trephine biopsy report in Pathological Laboratory in Teaching Hospital Peradeniya.
- * Prepared the standard operational procedure for Serum Aspartate Aminotransferase (AST) in the process of Accreditation (ISO 15189) in Pathological Laboratory in Teaching Hospital Peradeniya.
- * Prepared the standard operational procedure for Serum Alanine Aminotransferase (ALT) in the process of Accreditation (ISO 15189) in Pathological Laboratory in Teaching Hospital Peradeniya.
- * Contributed to Laboratory Development Project conducted by Ministry of Health, funded by World Bank as an Accreditation coordinator and Documentation Manager (Member of Project Development Committee) to obtain ISO 15189:2012 standard awarded by Sri Lanka Accreditation Board. Represent Teaching Hospital Peradeniya in review meetings of Laboratory Development Project at Ministry of Health, Colombo and most of the time the progress of development in Teaching Hospital Peradeniya presented by myself.
- * Provided assistant to prepare Quality Manual to Pathology Laboratory, Teaching Hospital Peradeniya under supervision of Dr. Roshitha Waduge (Chief Pathologist and Laboratory Director), Dr. Sakunthala Jayasinghe (Chemical Pathologist and Quality Manager) and Dr. Manel Rathnayake (Haematologist).
- * Provided assistant to prepare Specimen Collection Manual to Pathology Laboratory, Teaching Hospital Peradeniya under supervision of Dr. Roshitha Waduge (Chief Pathologist and Laboratory Director), Dr. Sakunthala Jayasinghe (Chemical Pathologist and Quality Manager) and Dr. Manel Rathnayake (Haematologist).
- * Provided assistant to prepare Safety Manual to Pathology Laboratory, Teaching Hospital Peradeniya under supervision of Dr. Roshitha Waduge (Chief Pathologist and Laboratory Director) and Dr. Nilanthi Dissanayake (Microbiologist and Safety Manager).
- * Provided assistant to Design and print new Investigation Request form to Pathology Laboratory, Teaching Hospital Peradeniya under supervision of Dr. Roshitha Waduge (Chief Pathologist and Laboratory Director) and Dr. Manel Rathnayake (Haematologist).

- * Attended to Training Sessions as a resource person regarding “How to collect proper placenta sample for histology” for Nursing Officers and Family Health Officers of Teaching Hospital Peradeniya, Teaching Hospital Kurunegala, Teaching Hospital Anuradhapura, District General Hospital Polonnaruwa, Base Hospital Mahiyanganaya, Base Hospital Dabulla, Base Hospital Dehiattakandiya, Base Hospital Giradurukotte, Base Hospital Medawachchiya, Base Hospital Kebithigollewa, Base Hospital Medirigiriya and Base Hospital Nikawewa. The Training contained with demonstration and hand on training to the participants.
- * Trained the MLS undergraduate (2013/14) in Histopathology, Cytology, Special Stain, immunofluorescence and immunohistochemistry techniques in Department of Pathology.
- * Design and installation of Multimedia Projectors to the senate Auditorium under guidance of Dr. S G Abeyrathne, Director, Electrical & Electronic workshop in Faculty of Engineering.