

# **RESEARCH PUBLICATIONS OF OUSL ACADEMIC STAFF - 2016**



**THE OPEN UNIVERSITY OF SRI  
LANKA**

# **FACULTY OF HEALTH SCIENCES**

## FACULTY OF HEALTH SCIENCES

Department	Books/ Book Chapters	No. of Publications With Impact Factor Citations	No. of Publication s/ (no impact factor)	Conference proceedings /abstracts/ extended abstracts
Department of Basic Sciences	00	06	01	00
Department of Medical Laboratory Science	00	00	01	02
Department of Nursing	00	01	02	05
Department of Pharmacy	00	00	00	01
Department of Psychology and Counselling	00	00	00	02
<b>Total</b>	<b>00</b>	<b>07</b>	<b>04</b>	<b>10</b>

## DEPARTMENT OF BASIC SCIENCES

### Books/Book Chapters

None

### Publications with Impact Factor Citations

1. Mahtab Ahmad, Yong Sik Ok, Anushka Upamali Rajapaksha, Jung Eun Lim, Byung-Yong Kim, Jae-Hyung Ahn, Young Han Lee, Mohammad I Al-Wabel, Sung-Eun Lee, Sang Soo Lee (2016). Lead and copper immobilization in a shooting range soil using soybean stover-and pine needle-derived biochars: chemical, microbial and

- spectroscopic assessments, *Journal of hazardous materials*, 301:p.179-186. (Impact factor: 4.836)
2. Chen Liu, Honglan Wang, Xiangyu Tang, Zhuo Guan, Brian J Reid, Anushka Upamali Rajapaksha, Yong Sik Ok, Hui Sun (2016). Biochar increased water holding capacity but accelerated organic carbon leaching from a sloping farmland soil in China, *Environmental Science and Pollution Research*, 23(2), 995-1006 (Impact factor: 2.76)
  3. Anushka Upamali Rajapaksha, Meththika Vithanage, Sang Soo Lee, Dong-Cheol Seo, Daniel CW Tsang, Yong Sik Ok (2016). Steam activation of biochars facilitates kinetics and pH-resilience of sulfamethazine sorption, *Journal of Soils and Sediments*, Volume 16 (3), pp 889–895 (Impact factor: 2.206)
  4. Kangyi Lou, Anushka Upamali Rajapaksha, Yong Sik Ok, Scott X Chang (2016). Sorption of copper (II) from synthetic oil sands process-affected water (OSPW) by pine sawdust biochars: effects of pyrolysis temperature and steam activation, *Journal of Soils and Sediments*. V.16, P.1-9 (Impact factor: 2.206)
  5. Kangyi Lou, Anushka Upamali Rajapaksha, Yong Sik Ok, Scott X Chang (2016). Pyrolysis temperature and steam activation effects on sorption of phosphate on pine sawdust biochars in aqueous solutions, *Journal Chemical Speciation & Bioavailability* Volume 28 (1-4), p. 42-50. 9 (Impact factor: 0.450)
  6. Wickramasinghe N.K.R.D and Handunnetti S.M. (2016). Role of Human Neutrophils in Inflammation and its Modulation by *Ixora coccinea* *Research and Reviews: Journal of Immunology*. 6(1): 32–48p. (Impact factor: 4.985)

### **Publications/ (no impact factor)**

1. Meththika Vithanage, Anushka Upamali Rajapaksha, Xiaomin Dou, Yong Sik Ok (2016). Potential of Biochar and Synthetic Iron Oxides for Chromium Immobilization in Tannery Waste Polluted Soil, *土壤及地下水污染整治*, 3 (1), p.45-58.

### **Conference proceedings/abstracts/extended abstracts**

None

## **DEPARTMENT OF MEDICAL LABORATORY SCIENCES**

### **Books/Book Chapters**

None

### **Publications with Impact Factor Citations**

None

### **Publications/ (no impact factor)**

1. Wimalasiri B.M.C.R., Dissanayake D.M. and Jayasekara K.B. (2016) Distribution of Statistical data on renal diseases in Anuradhapura District from 1999 to 2008. *Sri Lankan Bulletin of Nursing and Allied Health Sciences*. 2(1). p. 6-9.

### **Conference proceedings/abstracts/extended abstracts**

1. Fernando VAS, Fujiwara N. (2016). Imaging of the neuronal excitation propagation in mouse brain slices: Propagation pathway and the roles of GABA and glutamate receptors. *4<sup>th</sup> Conference on Sri Lanka Japan Collaborative Research*. Sri Lanka Japan Study Center, University of Peradeniya, 19- 21 August 2016.
2. Herath, H.M.S.P., Iddawela, W.M.D.R., Wickramasinghe, W.D.S.J., Pathirana, G. (2016). Establishment of PCR based technique for diagnosis of Trichomoniasis in patients attending the Sexually transmitted disease and Acquired Immune Deficiency Syndrome Control programme in Kandy. *Proceedings of the International Peradeniya University Research Sessions*. University of Peradeniya, 4-5 September 2016. p.204

## **DEPARTMENT OF NURSING**

### **Books/Book Chapters**

None

### **Publications with Impact Factor Citations**

1. Kumarasinghe Arachchigey Sriyani, Nalika Gunawardena, Sudharshani Wasalathanthri, Priyadarshika Hettiarachchi (2016). Validation of Sinhala Version of Cardiff Wound Impact Schedule in Patients with Diabetic Leg and Foot Ulcers, *Asian Nursing Research*, v. 10(3), p. 240-245 (*impact factor: 0.849*)

### **Publications/ (no impact factor)**

1. Rathnayaka, SS, WKN Sajeewani, HAS Piyawardhana, NKSM Nissanka, BSS De Silva (2016). Life with Lost Voice: An Exploration of the Experiences of Patients with Total Laryngectomy, *OUSL Journal*, 11. p. 75-79.

2. Samarasekara, P.W.G.D.P., Seneviratne S.M.K.S., Munidasa, D., Williams S. S. (2016). Rehabilitation Nurses' perception regarding provision of psychological support for persons with spinal cord injury, *International Journal of Evidence-Based Healthcare: Volume 14*, p S27–S28 doi: 10.1097/01.XEB.0000511663.03012.c0

### **Conference proceedings/abstracts/extended abstracts**

1. Hewabatage, P. N., L. K. M. P. Gunawardhana, M. K. N. S. Gunarathna, E. M. S. Bandara, B. S. S. De Silva (2016). Reasons for primary sub-fertility among couples attending sub-fertility clinics at two government hospitals, *Proceed. Open University research Sessions*, p.160
2. Samarasekara, P.W.G.D.P., Seneviratne S.M.K.S., Munidasa, D., Williams S. S. (2016). Rehabilitation Nurses' perception regarding provision of psychological support for persons with spinal cord injury. *Proceedings of the International Conference on "Optimizing Health Care Quality: Teamwork in Education, Reach and Practice"*, Chiang Mai, Thailand, 22-24 June 2016. p.247 and in *International Journal of Evidence-Based Healthcare: Volume 14*, p S27–S28 doi: 10.1097/01.XEB.0000511663.03012.c0
3. Wijeweera, W.G.M.M.A.C., D.L.L. Dias, D.G.K. Krishanthi, K.G.P.K. Munidasa (2016). Prevalence and Perceived Associated Factors of Low Back Pain (LBP) Among Theatre Nurses in Three Teaching Hospitals in Western Province of Sri Lanka. *Proceedings of the 9<sup>th</sup> International Research Conference of the General Sir John Kotelawala Defence University on Professional Integration for a Secure Nation*, 8<sup>th</sup> – 9<sup>th</sup> September 2016. p.228
4. Gamage, H. S. L., B. M. L. K. Thilakarathne, S. M. P. Gayani, H. E. Yapa, P. W. G. D. P. Samarasekara (2016). Experiences of close relatives of adult patients admitted to an intensive care unit: a qualitative study. *Proceed. Open University Research Sessions*, p.1514
5. Sriyani, K.A., Hettiarachchi, P., Wasalathanthri, S., Weerasekera, D (2016). Effects of non-weight bearing leg and foot exercises on ulcer healing and its associated factors in patients with type 2 diabetes., *Biennial Conference of South Asian Association of Physiologist (SAAP)*

## **DEPARTMENT OF PHARMACY**

### **Books/Book Chapters**

None

### **Publications with Impact Factor Citations**

None

### **Publications/ (no impact factor)**

None

### **Conference proceedings/abstracts/extended abstracts**

1. Rathnayake, K.M., Wijesinghe, M.R., Wijesekera, R.D. (2016). An assessment of Cd and Pb accumulation in the Golden apple snail (*Pomacea diffusa*). Proceedings of the 36th Annual Sessions of the Institute of Biology Sri Lanka, 3rd October 2016. p.58

## **DEPARTMENT OF PSYCHOLOGY AND COUNSELING**

### **Books/Book Chapters**

None

### **Publications with Impact Factor Citations**

None

### **Publications/ (no impact factor)**

None

### **Conference proceedings/abstracts/extended abstracts**

1. Randeniya, D. & Gamage, G.P. (2016). Explicit and Implicit Attitudes towards Gender Based Violence: An Exploratory Study of Sri Lankan University Students. Proceedings of the International Conference on the Humanities and the Social Sciences (ICHSS). University of Peradeniya, Sri Lanka, 27 - 28 July 2016. P. 215-219
2. Gamage, G.P. (2016). Use of Psychology models in Dengue Health Education. In Dengue Research in Sri Lanka: Current & Emerging Trends Mini Symposium. Proceed Sri Lanka Association for Advancement in Science (Section D), October 28

