



**Suraj BHATTARAI, MBBS, MSc, DTM&H**

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I am a public health physician with experience and interest in primary healthcare, Tropical & infectious diseases, maternal-neonatal-child health, urban health, global burden of diseases, health systems, and health policies.

## **WORK HISTORY AND ACHIEVEMENTS**

### **Global Institute for Interdisciplinary Studies (GIIS), Nepal**

*Research Fellow (Global health), Founding Executive Committee Member (since Jan2019)*

### **Gandaki Medical College Teaching Hospital and Research Center, Nepal**

*Public health specialist and Research Investigator (since Mar2019)*

RTI International funded 'DECODE-MAUN project'- Generating mortality evidence in Gandaki province using minimally invasive tissue sampling technique in adults to better understand the disease burden and inform government the priorities and strategies for mortality prevention at local level.

- I conceptualized the project, wrote grant proposal in coordination with subject experts, and established a research team at GMC Pokhara and Pokhara Academy of Health Sciences;
- Facilitated stakeholder meetings and signed MoU with GMC Hospital, Western Regional Hospital (Pokhara Academy of Health Sciences), and Damauli (District) Hospital (3 study sites);
- Procured study equipment and materials from Nepal and abroad; Involved in fund management and disbursement;
- Facilitated training for research staff & health professionals; facilitated sensitization workshops for police officers & community;
- Facilitated upgrading of microbiology, pathology and forensic labs at study sites;
- Coordinated a week-long Project implementation and Quality Assurance visit by the experts from Center for Disease Control (CDC) Atlanta and RTI International, USA (Dec 2019, Pokhara);
- Currently involved in data management, QA & regulation activities at study sites; Reviewing literature and writing reports/manuscripts

### **Abt. Associates- Sustaining Health Outcomes through the Private Sector (SHOPS) Plus Project Nepal**

*Public Health Specialist/ Consultant (Mar2019-May2019)*

- Evaluated the USAID-funded Ghar Ghar Maa Swasthya (GGMS)- 10-year project on FP and SRH;
- Assessed the status of public-private engagement in health; identified opportunities for professional associations and private providers;
- Interviewed 50 plus key informants- public & private sectors, donors, implementing agency partners (INGOs), professional associations, social marketing companies, pharmacies, retailers, and consumers;
- Assessed the quality and regulatory standards in FP, SRH & Adolescent Health and MNCH services in Nepal;
- Involved in technical report writing and dissemination of findings to the stakeholders

### **London School of Hygiene & Tropical Medicine (LSHTM), University of London, UK**

*Research Assistant (Sep2018-Nov2018)- Systematic review of pneumococcal carriage and global serotype diversity (RESPICAR study)*

*MSc thesis project (Jun2018-Sep2018)- 'HPV in Africa Research Partnership' (HARP) study; HPV in Women living with HIV in Africa.*

*Research assistant (part-time casual work) (Oct2017-Dec2017)- 'Single-dose Human papillomavirus (HPV) vaccine scoping project'- Assisted research team in interviewing IPD officers, NITAG members, government officials/policymakers to collect opinions on new vaccines.*

### **Patan Academy of Health Sciences- Patan Hospital, Kathmandu, Nepal**

*Clinical research fellow, Department of Pediatrics (Jul2016- Jul2017)*

I was involved in multiple studies sponsored by Oxford University/Oxford Vaccine Group at Pediatric Research Unit- Pneumococcal studies, In-patient nasopharyngeal carriage, PCV vaccine impact, WHO IBD surveillance study. <http://pneumonepal.ovg.ox.ac.uk/>

### **Medical Officer, Nepal (2011-2014)**

- Ishan Children's & Women's Hospital, Om Saibaba Memorial Pvt. Hospital, Kathmandu, Nepal (part-time)
- B.P. Koirala Institute of Health Sciences, District Hospitals- *Community-oriented Internship (Aug2011-Jul2012)*

## **RELEVANT GLOBAL PUBLIC HEALTH INVOLVEMENT**

### **National Institute for Health Research (NIHR), UK Government's Department of Health & Social Care:**

*Committee member* (2019-2021), NIHR Global Health- Health Policy & Systems Research (HPSR) Awards.

- Currently reviewing collaborative project proposals from UK and ODA-eligible countries for multimillion pound grants;
- Got acquainted with key actors of and key projects on quality of care research, UHC, and HPSR globally.

### **Sustaining Technical & Analytic Resources (STAR) Project:**

*Professional membership* (PY1: Nov2018-Sep2019; PY2: Jan2020 onwards)

STAR is USAID-funded project led by Public Health Institute, implemented by CUGH, John Hopkins U & UCSF for strengthening academic partnerships in global health (USA-LMICs) through fellowships and internships for health professionals. Roles:

- Group lead & PI for Global Health Partnership Landscape Analysis;
- Working group member for Capacity Assessment Tool Development;
- Working group member for Global Health Partnership Assessment Tool Development.

**Institute for Health Metrics & Evaluation (IHME)- Global Burden of Diseases:** *Reviewer* (2018)

**Health in All Policies (HiAP) project, Inter Academy Partnership:** *Committee member* (2017-2019)

**Urban Health Initiative, International Society of Urban Health:** *Working group member* (2017-2019)

**Strengthening Clinical Research Capacity in LMICs, Academy of Medical Sciences UK:** *Steering comm* (2017)

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## **EDUCATION**

### **London School of Hygiene & Tropical Medicine (LSHTM), University of London**

Master of Science (MSc) in Tropical Medicine & International Health (Taught masters); Sep 2018.

*Emeritus Professor David Bradley Scholarship Award for MSc Project 2018 (Cervical cancer/HPV-HIV)*

### **London School of Hygiene & Tropical Medicine (LSHTM), University of London**

Diploma in Tropical Medicine & Hygiene (DTM&H); Dec 2017. Modules: Clinical Trop Med, Parasitology, Epidemiology, Public Health

### **Geneva Foundation for Medical Education & Research (GFMER), WHO, Geneva**

Distant learning course- 'From Research to Practice: Sexual & Reproductive Health Research'; May-Dec 2014.

**Cleveland Clinic, Children's Hospital (Child neurology), OH, USA-** International Physician Observer Training; Sep-Dec 2014.

**B.P. Koirala Institute of Health Sciences, Nepal,** Bachelor of Medicine & Bachelor of Surgery (**M.B.B.S.**); July 2012.

*Golden Jubilee Merit Scholarship 2006/07 for MBBS course (for 5<sup>th</sup> & 1/2 years), Embassy of India*

**SOS Hermann Gmeiner School, Gandaki, Nepal,** Biology; July 2005. (*Merit Award and Distinction*)

## **PROFESSIONAL TRAINING & SHORT COURSES**

- Regional Workshop on Government Science Advice and Non-communicable Diseases, INGSA Asia, Malaysia (2019)
- Achieving Universal Health Coverage in LMICs: Role of Quality of Care Research, Academy of Medical Sciences, UK (2019)
- WHO course on Health Financing for Universal Health Coverage (2019)
- WHO course on Emerging Diseases Clinical Assessment & Response Network (EDCARN), Florence, Italy (2019)
- Global Mental Health in the SDG Era, IAP for Health/the Academy of Medical Sciences, London, UK (2018)
- 'Cervical Cancer Multidisciplinary Management Course', ASCO/Bhaktapur Cancer Hospital, Kathmandu, Nepal (2018)
- Hot Topics in Infection and Immunity (IIC), Oxford Vaccine Group, University of Oxford, UK (2018)
- Health Services Research Course, Center for Clinical Res & EBM, McGovern Med School, University of Texas, Houston, USA (2016)
- Epidemiology & Health Management Community-oriented Residential Field trip; Morang/Sunsari, Nepal (2006,2011)

## **RELEVANT INVITED TALKS AND PANEL MODERATION**

Speaker. October 2019. Thematic presentation on ‘Science, Technology, and Innovation for SDGs’. *International Youth Conference on Science, Technology and Innovation (IYCSTI2019)*, Nepal Academy of Science & Technology/MoEST, Nepal

Speaker. August 2019. Role of Young Scientists in Government Science Advice. *INGSA Regional Workshop on NCDs and Science Advice*. INGSA)/International Science Council (ISC)/Government of Malaysia Ministry of Education, AKEPT, Malaysia.

Speaker. Oct 2016. Post-Earthquake Health Status of Nepal. *Bayer Healthcare Foundation*. Berlin, Germany.

## **Selected Peer-reviewed Publications**

Apar Lamichhane, Peeyush Dahal, Suraj Bhattarai, Shankar Man Rai, et. al. Burn Infections and Antimicrobial Susceptibility Pattern at a Referral Center of Nepal. *Journal of College of Medical Sciences Chitwan Nepal*. October 2019. (in press)

Roy Burstein, Nathaniel J. Henry, . . . ., Suraj Bhattarai, . . . ., Simon I. Hay et al.. Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. *Nature*. October 2019. <https://www.nature.com/articles/s41586-019-1545-0>

Rafael Lozano, Nancy Fullman, . . . ., Suraj Bhattarai, . . . . ., Christopher JL Murray et al.. Measuring progress and projecting attainment to 2030 of the health-related SDGs for 195 countries & territories. *The Lancet*. Nov 2018. [https://doi.org/10.1016/S0140-6736\(18\)32281-5](https://doi.org/10.1016/S0140-6736(18)32281-5)

Gregory A Roth, Degu Abate, . . ., Suraj Bhattarai, . . . ., Christopher JL Murray et al.. Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries & territories, 1980-2017. *The Lancet*. Nov 2018. [https://doi.org/10.1016/S0140-6736\(18\)32203-7](https://doi.org/10.1016/S0140-6736(18)32203-7)

Bach X Tran, Thang V Pham, Suraj Bhattarai, Roger C.M. Ho et. al.. Bibliometric Analysis of the Global Research Trend in Child Maltreatment. *International Journal of Environmental Research & Public Health*. Aug2018. <https://doi.org/10.3390/ijerph15071456>

Shah M., Bhattarai S., Lamichhane N., Joshi A., LaBarre P., Joshipura M., Mocks C.. Assessment of the Availability of Technology for Trauma care in Nepal. *Injury Journal Elsevier*. June 2015. <https://doi.org/10.1007/s00268-014-2805-7>

Bhattarai S., K.C. S., Pradhan PMS., Lama S., Rijal S.. Hepatitis B vaccination status and patterns of needle-sticks & sharps-related injuries among Medical school students in Nepal. *BioMed Central Research Notes*. Nov 2014. <https://doi.org/10.1186/1756-0500-7-774>

## **Selected unpublished reports/contributions**

Urban and peri-urban forestry to curb air pollution in Nepal: a case study for ‘Health in All Policies’ project; 2019; Global Institute for Interdisciplinary Studies; Suraj Bhattarai, Sujata Shrestha, Uttam Babu Shrestha.

How was Hepatitis B control possible in Nepal? Review of relevant health policies and their implementation; 2019; Global Institute for Interdisciplinary Studies; Suraj Bhattarai.

Assessment of USAID Global health projects in Nepal (*Ghar Ghar Maa Swasthya program*); 2019; Abt. Associates- SHOPS Plus Project; Brian Smith, Bettina Brunner, Suraj Bhattarai.

Rural clinical service contract and postgraduate medical training opportunities in Nepal: Perspectives of medical graduates; 2019; CUGH Global Health Workforce Subcommittee.

Prevention of Cervical cancer through Screening and HPV vaccination in Nepal: Review of relevant national programmes; 2018; LSHTM, UK; Suraj Bhattarai.

Interventions for adolescent-friendly health services in Nigeria: Project proposal; 2019; LSHTM, UK; Suraj Bhattarai.

Adolescent health services in Nepal; 2014; Geneva Foundation for Medical Education and Research, WHO; Suraj Bhattarai.

## **REFERENCES:**

Dr. Uttam Babu Shrestha (Director, Global Institute for Interdisciplinary Studies, Kathmandu)— [ubshrestha@yahoo.com](mailto:ubshrestha@yahoo.com)

Dr. Sushil Koirala (COP, Damien Foundation Nepal)— [koiralasushil@hotmail.com](mailto:koiralasushil@hotmail.com)

Dr. Nuwadatta Subedi (Medical Education, Research and Ethics, Gandaki Medical College, Pokhara)— [drndsubedi@gmail.com](mailto:drndsubedi@gmail.com)

Dr. Om Prasad Gautam (WaterAID UK, LSHTM alumni)— [omprasadgautam@wateraid.org](mailto:omprasadgautam@wateraid.org)