


**Dr. HUMA TABASSUM** drhumatabassum@gmail.com 03350254337

I am a Medical Graduate with an M. Phil in Environmental Sciences and a PhD in Public Health. I have diverse clinical experience from working in Public and Private Hospitals in Punjab and FATA, collaborating with development partners such as the World Bank, WHO, Global Fund, Multinational Organizations, and NGOs. I am a dedicated, self-motivated professional capable of working independently and in multicultural teams, with a willingness to spend time in the field. I have the ability to train effectively and am familiar with multisector initiatives including infection prevention and control (IPC), focusing on priority areas of hospitals such as ICU, Operation Theatres, CSSD, Laundry, Autoclave Assessments, WASH, One Health, GLASS data for WASH, AMR, Safe Drinking/Waste Water Management, Reproductive Health, Malaria, Climate Change adaptation and Resilience, and Disaster Management, specifically related to floods.

### Education


- 2022** PhD Public Health, University of the Punjab.
- 2022** One Year Diploma on Hospital Infection Prevention and Control, Indus University of Health Sciences
- 2015** NEBOSH International Diploma (UK), 2015
- 2011** M. Phil in Environmental Sciences, College of Earth, and Environmental Sciences, University of the Punjab.
- 2010** Postgraduate Diploma in Environmental law from Punjab University Law College Lahore.
- 1993** MBBS, Punjab Medical College, University of the Punjab.

### Clinical Experience in Hospital and ICU Care

 Worked as:

- As house physician in Medical Unit-2 Medical ICU Allied Hospital Faisalabad 1993  
During attachment performed lumbar puncture, central venous catheterization, pleural, liver and renal biopsies, pleural and thoracic paracentesis, and cardio-pulmonary resuscitation.
- As house physician in Medical Unit -2 Medical ICU Allied Hospital Faisalabad 1993 attachment with gastroenterologist and nephrologist attended sessions and performed peritoneal and hemodialysis, sigmoidoscopy, injection sclerotherapy and oesophago-gastro duodenoscopy.
- As medical officer Iqra Medical Complex Lahore-1994-1995 (Evening & Night Shift)
- As medical officer Sarwat Anwer Medical Complex Lahore -1996-1997 (Evening Shift)
- Medical Officer at Wyeth Pakistan Lahore Plant (First Shift) (1995-2000).
- As honorary medical officer at Agency Headquarter Hospital Landikotal 2005-2008
- As Occupational Health Consultant Sui Northern Gas Pipelines Limited Lahore (Part time basis) 2009-2019

### Experience of Public Health Systems

 As lead Public Health System Strengthening Consultant completed assignments on:

- AMR and Infection Prevention and Control Consultant, WHO Pakistan. Worked for HCFs IPC & WASH assessment, preparation of IPC/AMS work plans and Health Care Infection Surveillance app, provision of trainings and feedback to DoH for Infection Prevention and Control (IPC) & WASH system strengthening at Provinces level.
- Visiting Faculty to teach Disaster Management, Environmental Occupational Health, Climate Change, Work Place Health and Hygiene Course at Department of Public Health, Institute of Social and Cultural Studies, University of the Punjab.
- Completed assignments of capacity building of Doctors, Nurses, IPC leadership and Housekeeping Staff on WASH, AMR and IPC System of P&SHC and selected Specialized Health Care Department of Punjab, DoH staff of SPH Quetta & PDSRU Balochistan, Sindh, KPK (DoH) and Al-Khidmat Health Foundation Pakistan.
- Trained healthcare workers of healthcare facilities (HCFs) and provincial disease surveillance and response staff on disease outbreak preparedness and response of CCHF, Measles, AWD/Cholera and COVID-19 etc.
- Coordinated for preparation of Climate Change Policy of Health Sector Punjab as Independent Technical Resource Person under DHS CD&EPC Punjab.
- As IPC and WASH Consultant - Labour Education Foundation Lahore completed community based projects on WASH and One Health (situation analysis of home-based urban slum worker's food & water borne infections/ Mother and Child Health/family planning, occupational safety of working donkeys and mules, Anti-microbial consumption, gender inclusive toilets and hands hygiene practices.
- As Acute Watery Diarrhea/Cholera Provincial Surveillance Consultant (WHO Sub-Office Punjab) at Provincial Disease Surveillance and Response Unit (PDSRU) worked on IPC preparedness and response assessments, disease control through drinking water supply testing, chlorination & chlorine dose quantification, establishment of acute watery diarrhea and cholera treatment centers at hospital setting, WASH awareness and training to affected community and rapid response teams of DoH-DGHS Punjab.
- Prepared training manuals for various training assignments.
- Worked with Brooks International for project on first response to injuries of working horses, mules and their caretaker's.
- Assistant Professor Environmental Health, Institute of Public Health, Punjab
- As IHSS-SD Provincial Master Trainer trained Rapid Response Teams of DoH of KPK and Punjab on Health Care Facility Preparedness and Response on IPC & Risk Communication.
- As Global Fund Technical Assistant worked for formulation of Provincial Strategy of Malaria Elimination Punjab, AJK, Gilgit Baltistan and MCI/ICT in collaboration with Directorate of Malaria Control (DoMC) Islamabad Pakistan.
- As WHO Individual Consultant performed Malaria Programme Review of Punjab, 2019.

- As individual Consultant of World Bank and Policy & Strategic Planning Unit DoH Punjab performed Third Party Validation of Hospital Waste Management Programme implementation project of Health Care Facilities of Punjab.
- Trained Master Trainers and entomologists of Punjab on first response to safe use of insecticides in collaboration with Directorate General Health Services, Punjab, and Institute of Public Health Punjab.

### Technical Skills and Knowledge

- Expertise and clinical experience to work in hospital and ICU Care.
- Strong understanding of public health system dynamics and relevant issues.
- Advanced computer literacy, including proficiency in Word, Excel, PowerPoint, etc.
- Proficiency in English, Urdu and Punjabi languages (Read - Write - Speak).
- Proficient to generate project activity performance reports, and prepare and deliver workshop presentations.
- For database management and analysis, skilled to supports compilation, analysis and reporting country wide programmatic data quarterly and annually for use by senior management and in programmatic reports.
- For technical assistance able to perform baseline assessments and provide training to provincial and health care facilities level staff.
- Ability to provide technical support and coordinate consensus building for development/ updating of SOPs, IPC protocols, clinical care algorithms and training packages for priority diseases based on national and international guidelines, best practices and recent evidence adapted to Pakistan context.
- Facilitate training and building clinical management competency of HCWs with a focus on priority diseases and care of the critically ill with focus on to provide bedside teaching and on-the-job skills and follow up monitoring for evaluation of training effectiveness.
- Facilitate and conduct training sessions for doctors, nurses, technicians and support staff on case management, following clinical algorithms, IPC protocols and lifesaving skills in industrial and healthcare sector in line with developed SOPs and protocols.

### Professional Courses

- WHO online course by World Health Emergencies Program & Other Organizations.
- WHO-ICRC Basic Emergency Care: approach to the acutely ill and injured
- Response Preparedness for Zoonotic Disease Outbreaks Using a One-Health Approach.
- Strengthening collaboration between human and animal health sectors for improved health security.
- Human Health and Climate Change by UNITAR & WHO online.
- Introducing a One Health approach to AMR - Open University course.
- Level-2 award on Food Safety in Catering -RSPH UK.
- Food Safety Management and Food Traceability e- learning course by APO Japan organized at NPO Lahore Pakistan.
- Capacity Building Training on Online Teaching for Nursing Educators (Basic) by Agha Khan University.
- Training for doctors on clinical case management of Dengue Fever (In person).
- Essential Maternal and Newborn Care Training (In person).
- One Health Event Based Surveillance System training at UHS Lahore (In person).
- One month training on Solid Waste Management organized by the Urban Unit P& D Department, Punjab (In-person)
- (42) credit hours &( 15) credit hours training on Industrial Hygiene, Occupational Lung Diseases and Occupational Environmental Health for Medical Practitioners at USAINS Malaysia-Penang (In person).

### Professional Conferences

- Guest speaker at National HSE Conference of Oil and Gas Industry held at Attock Oil Refinery Pakistan 2012.
- Speaker at International seminar on OEH surveillance in industrial sector at Government College University, Lahore, 2014.
- Guest Speaker at International Conference on Public Health and Allied Health Professionals Role -2022 at Superior Medical University, Lahore
- Speaker at International Conference of Climate Change, IPH, Lahore,2022
- National workshop on Healthcare Associated Infection Surveillance and Infection Control Risk Assessment May 2024.