

KEY SKILLS

- Epidemiologic research
- Disease surveillance
- Data collection
- Data analysis
- Literature review
- Systematic review
- Meta-analysis
- Statistical analysis
- Strategic planning
- Project Management
- Medical terminology
- Documentation and reporting
- Software (SAS, SPSS, GIS, REDCap, EndNote, Tableau, ArcGIS, datapine, EpiTrax, KHIN)
- MS Office Suite (Word, Excel, Outlook, PowerPoint)
- Google Suite (Gmail, Google+, Google Drive, Google Analytics)
- Critical thinking
- Analytical mind and inclination towards problem solving
- Detail-oriented
- Self-motivated
- Customer service skills
- Multi-lingual (English, Urdu, Hindi, Punjabi)

EDUCATION

Master of Public Health (M.P.H.) – Epidemiology – 3.79/4.00 Dec 2019

East Tennessee State University (ETSU), Johnson City, TN

Key Courses: Epidemiology, Biostatistics, Application of Statistics, Clinical Research, Survival Analysis, Infectious Disease Epidemiology, Chronic Disease Epidemiology, Categorical Data Analysis, SAS, Community and Behavioral Health, Environmental Health

Bachelor of Medicine and Bachelor of Surgery (MBBS) Feb 2016

Quaid-e-Azam Medical College, Bahawalpur, Pakistan

Honors: First class with Distinction

Key Courses: Anatomy, Physiology, Biochemistry, Behavioral Sciences, Ophthalmology, Community Medicine, Forensic Medicine, Pathology, Gynecology, Pediatrics, Medicine, Surgery

HEALTHCARE EXPERIENCE

Epidemiologist Apr 2020 – Dec 2020

Sedgwick County Health Department, Wichita, KS

- Conducted disease/outbreak investigations
- Recorded documentation of disease investigation work
- Managed, analyzed, and summarized disease monitoring data and write reports
- Planned and implemented project/studies to prevent or control the spread of disease
- Built partnerships with internal and external partners
- Worked with health partners to improve disease reporting
- Created educational materials for health partners and the public

Regional Health Data Dashboard Specialist Jun 2019 – Dec 2019

Northeast TN Regional Health Office, Johnson City, TN

- Accessed, evaluated, and interpreted public health data using information technology
- Identified the underlying principles, reasons, or facts of information by breaking down the data into separate parts
- Synthesized and illustrated the collected data in visual form on a Regional Data Dashboard that was easy to understand and interpret
- Demonstrated effective writing and presentation skills for communicating with diverse audiences in the context of professional public health activities
- Demonstrated the use of dashboard and trained co-workers to understand and update the dashboard using leadership skills
- Developed constructive and cooperative working relationships with the team members

Graduate Research Assistant

Jul 2018 - Dec 2019

Center for Nursing Research, College of Nursing, ETSU, Johnson City, TN

- Assisted with qualitative and quantitative database creation, data entry, data transcription, data coding, and analysis using SPSS
- Summarized data and prepared reports of the performed analysis
- Designed surveys using checkbox
- Conducted literature and internet search, and prepared article summaries
- Delivered administrative support to assigned projects and programs as directed by the supervisor

General Physician/Medical Officer

May 2017 - Jul 2017

Bajwa Hospital, Lahore, Pakistan

- Performed complete general physical examination of patients
- Used effective communication skills to counsel patients
- Analyzed medical test reports
- Prescribed suitable treatments
- Conducted follow-up clinical rounds of admitted patients
- Inter-collaborated professionally with nurses and staff

Medical & Surgical Intern

May 2016 - Apr 2017

Jinnah Hospital, Lahore, Pakistan

- Performed a wide variety of clinical, clerical and teaching tasks in Intensive Care Unit, Pulmonology, Pediatric, General Surgery, and General Medical wards
- Applied interpersonal and communication skills in a way that promoted understanding and developed positive doctor-patient relationships
- Employed strong analytical skills to study clinical situations correctly
- Conducted awareness campaigns to teach patients and their families how to prevent various diseases
- Made regular visits to wards to monitor and record patients' recovery status
- Performed minor surgeries under the supervision of senior doctors
- Supervised and taught medical students and junior house officers

PROJECTS

Factors Responsible for Cardiovascular Deaths in Tennessee

Sep 2019 – Dec 2019

East Tennessee State University, Johnson City, TN

- The purpose of the project was to determine the risk factors associated with high cardiovascular death rates in Tennessee by counties so that necessary actions could be taken on those risk factors to reduce cardiovascular deaths
- Data for the project was collected from ArcGIS Online, CDC website, and Tennessee State of Government website
- Analysis was performed using ArcMap and ArcGIS Pro 2.4

Regional Health Data Dashboard

Jun 2019 - Dec 2019

Northeast TN Regional Health Office, Johnson City, TN

- The project was carried out to visualize the performance of Local Health Department (LHD) and know if it is improving or not over time
- Data was collected from general and primary clinics of different counties of Northeast TN region
- The dashboard was created using Microsoft Excel and it illustrated data on Coleman indicators viz. capacity, cycle time, and relative value units

Diarrhea in Pakistan and Associated Socio-demographic Factors

Sep 2018 – Dec 2018

East Tennessee State University, Johnson City, TN

- Analyzed the association between diarrhea among children under five years of age in Pakistan and their socio-demographic factors using secondary data from the Demographic and Health Survey (DHS) for the year 2012-2013
- The project was done successfully using SPSS and SAS version 9.4 for cleaning, recoding, categorizing, and analyzing the data
- The project was also submitted for a poster presentation at Infectious Disease Week 2019 in Washington D.C. but somehow was not selected

AWARDS & CERTIFICATES

IRB Reference Resource - CITI Training	Jan 2019
HIPAA for Researchers - CITI Training	Jan 2019
Group 1 Biomedical Research Investigators and Key Personnel (non-VA) - CITI Training	Jan 2019
HIPAA for Students and Instructors - CITI Training	Jul 2018
Graduate Assistantship - East Tennessee State University	Jul 2018
Group 2 Social and Behavioral Research Investigators and Key Personnel (non-VA) - CITI Training	Jan 2018
Creative Arts Scholarship - East Tennessee State University	Oct 2017
International Merit Scholarship - East Tennessee State University	Aug 2017