

**Education:**

---

**Tulane University School of Public Health and Tropical Medicine** **New Orleans, USA**  
*Doctor of Philosophy in Global Community Health and Behavioral Sciences* *2017 – 2022*  
Dissertation Title: Women's Empowerment & Its Associations with Reproductive Behaviors & Intimate Partner Violence in Pakistan: A Multi-Method Study

**Dow University of Health Sciences, School of Public Health** **Karachi, Pakistan**  
*Master's in Public Health (M.P.H.)* *2012 – 2015*  
Dissertation Title: Waterpipe smoking and its association with systemic inflammatory markers.

**Dow University of Health Sciences, Dow Medical College** **Karachi, Pakistan**  
*Bachelor's in medicine and Surgery (M.B.B.S) (Equivalent to MD)* *2002 – 2008*

**Professional Positions:**

---

**Tulane University School of Public Health and Tropical Medicine** **New Orleans, USA**  
*Research Assistant* *2019 – 2022*

- Need Assessment Study of Strategies for Implementing a Diabetes Prevention Program in WIC Clinics for Women with Recent Gestational Diabetes Mellitus – Qualitative data analysis.
- USAID Pilot study on a data workbench & predictive analytics for family planning commodities, Malawi – Routine DHIS and DHS data analysis and report writing.
- Evaluation of the better diets for children project in Kaduna, Nigeria.
- Post-Harvey recovery among Vietnamese immigrants in Houston, USA.

*Teaching Assistant* *2018 – 2022*

- Survey Data Analysis in Family Planning
- Evidence Based Methods

**Médecins Sans Frontieres (MSF-Belgium)** **Karachi, Pakistan**  
*Medical Focal Point Assistant* *2016 – 2017*

**APPNA Institute of Public Health, Jinnah Sindh Medical University** **Karachi, Pakistan**  
*Lecturer* *2014 – 2016*

- *Basic Biostatistics and SPSS I (Instructor)*
- *Basic Epidemiology (Co-Instructor)*
- *Research Methods (Co-Instructor)*
- *Program Evaluation (Co-Instructor)*

**International Committee of Red Cross: 'Healthcare in Danger Project'** **Karachi Pakistan**  
*Master Trainer* *2015 – 2016*  
*Qualitative Data and Analysis* *2015*

**Zainab Panjwani Memorial Hospital** **Karachi Pakistan**  
*Medical Officer (Pediatrics, Medicine & Surgery, ER)*

**Civil Hospital** **Karachi Pakistan**  
*House Officer (Internal Medicine & Obstetrics & Gynecology)* *2008 – 2009*

## Publications and Presentations:

---

### Book Chapter:

- **Kumari B**, Saeed W. Healthy Person, Healthy Nation and a Healthy World. In: Textbook Community Medicine and Public Health. Paramount Publishers. Volume 1. Paramount Publishers; 2017: 9-22

### Report:

- Do M, **Kumari B**, Barden-O'Fallon J, Selim A, Munthali W, Migodi B. Using Routine Data in Combination with Population Surveys to Understand Patterns of Contraceptive Use: A Case Study of Malawi. Data for Impact; 2022. <https://www.data4impactproject.org/publications/using-routine-data-in-combination-with-population-surveys-to-understand-patterns-of-contraceptive-use-a-case-study-of-malawi>. TR-22-472 D4I
- Baig L, Polkowski M, Ali SK, Jamali S, Siddiqui B, Mazhar L, Soomro M, **Kumari B**, Memon S, Maheshwari G, A. Violence against Health Care Providers: A mixed methods study from Karachi Pakistan. International Committee of the Red Cross; 2015

### Publications:

- **Kumari B**, Aslam SK, Zaheer S, Adil SO, Shafique K. Systemic Inflammatory Markers Among Waterpipe Smokers, Cigarette Smokers, and Nonsmokers. Journal of addiction medicine. 2018(0). doi: 10.1097/ADM.0000000000000446.
- Baig L, Shaikh S, Polkowski M, Ali SK, Jamali S, Mazhar L, Soomro M, **Kumari B**, Memon S, Maheshwari G, Arif S. Violence against Health Care Providers: A mixed methods study from Karachi Pakistan. The Journal of Emergency Medicine. 2018;54(4):558-566.
- Sheikh S, **Kumari B**, Obaid M, Khalid N. Assessment of postgraduate educational environment in public and private hospitals of Karachi. Journal of Pakistan Medical Association. 2017;67(2):171-7.
- **Kumari B**, Arif S, Shah N, Baig L, Sheikh S. Assessment of change in knowledge of faculty after attending a workshop on developing integrated curriculum. Annals of Jinnah Sindh Medical University. 2016;2(2):53-55.

### Oral Presentations:

- **Kumari B**, Do M. Spouses' perception of women's empowerment, attitudes toward IPV and spousal concordance on fertility intentions. Oral presentation at Population Association of America Annual Meeting 2021. (Virtual)
- Sheikh S, **Kumari B**, Obaid M, Khalid N. Assessment of postgraduate educational environment in public and private hospitals of Karachi. Oral presentation in Quality Assurance & Educational Environment session at Association for Excellence in Medical Conference 2016 "standardizing medical education: a national agenda", Peshawar, Pakistan. 2016
- **Kumari B**, Arif S, Shah N, Baig L, Sheikh S. Assessment of change in knowledge of faculty after attending a workshop on developing integrated curriculum. Oral presentation in Assessment & Professionalism session at International Conference on The integrated curriculum for an "un-integrated" Practice, Lahore, Pakistan. 2015

### Poster Presentations:

- **Kumari B**, Do M. Application of Theory of Gender and Power to Identify Factors Associated with Current Contraceptive Use in Pakistan. Poster presentation at Population Association of America Annual Meeting 2022, Atlanta, United States.

- **Kumari B, Do M.** Does women's empowerment status during COVID-19 affect the experiences of intimate partner violence (IPV) for female domestic workers (FDWs) in Karachi, Pakistan. Poster presentation at Population Association of America Annual Meeting 2022, Atlanta, United States.
- **Kumari B, Do M.** Women's Empowerment, IPV and Modern Contraceptives Use in Pakistan. Poster Presentation at American Public Health Association Annual Meeting 2021, Denver, United States.
- **Kumari B, Do M,** COVID-19 lockdown, women's empowerment and IPV: experiences of FDWs in the metropolis Karachi, Pakistan (*Preliminary findings*). Poster presentation at Population Association of America Annual Meeting 2021. (Virtual)
- **Kumari B.** Women's Empowerment, IPV and Modern Contraceptives Use in Pakistan. Accepted Poster at Population Association of America Annual Meeting 2020, Washington DC, United States.
- **Kumari B.** Women's Empowerment, Men's Attitude and Modern Contraceptives Use in Pakistan. Poster presentation at Population Association of America Annual Meeting 2019, Austin, Tx, United States.

#### **Honors & Awards:**

---

JSI Fellowship for Doctoral Research Travel	April 2021
Fulbright Scholarship for fully-funded Ph.D.	August 2017

#### **Softwares:**

---

Stata, Nvivo, Maxqda, MS Excel, SPSS, SAS, GIS

#### **Workshops & Certificates:**

---

CITI PROGRAM: Group 2.Social and Behavioral Research Investigators and Key Personnel.	August 2021
Attended workshop on NVivo basics.	January 2019
Attended ISPCR Secondary Data Analysis and the National Addiction & HIV Data Archive Program (NAHDAP)" workshop.	June 2018
CITI PROGRAM: Responsible Conduct of Research - Social and Behavioral Responsible Conduct of Research Course.	September 2017
Attended MCPC training in collaboration with JHPIEGO, USAID.	January 2016
Attended workshop on "How to set up Patient advocacy groups for viral hepatitis – the need of the hour" in collaboration with PSSLD.	December 2015
Attended workshop on Qualitative Research at AIPH/ICRC. 2- credits	January 2014

#### **Professional Memberships:**

---

American Public Health Association  
 Population Association of America  
 Pakistan Medical and Dental Council – Full Medical Registration  
 Pakistan Medical and Dental Council – Faculty Registration