



Dr. Owais Raza
MBBS, PhD

“I am currently working as an assistant professor at School of Public Health, Dow University of Health Sciences. My research focus is around issues related to maternal & child health, infectious diseases, immunization, health inequalities, spatial epidemiology and healthcare facility & community assessments. I am well experienced & interested in working with DHS, DHIS, MICS and spatial data. I enjoy working in R, and have developed various tools using shiny apps.”



Education:

- **PhD Epidemiology**
2018 Tehran University of Medical Sciences, Tehran Iran
- **Bachelor of Medicine and Bachelor of Surgery (MBBS)**
2006 Ziauddin University, Karachi Pakistan



Experience:

- **February 2020 – till date: Assistant Professor**
School of Public Health, Dow University of Health Sciences
- **November 2018 – February 2020: Deputy Director – Research**
Research & training wing, PPHI Sindh
- **April 2014 – September 2017: Teaching Assistant**
Department of Epidemiology & Biostatistics, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran
- **February 2008 – September 2012: Lecturer**
Department of Community Health Sciences, Ziauddin University
- **March 2006 – February 2007: House intern**
Departments of Pediatrics & Surgery, Ziauddin Medical University Hospital



Paper Presentation:

- **March 2011:** Risk factors for osteoporosis in Females aged 30 and above attending orthopedic clinic in a tertiary care hospital of Karachi. 48th Annual Symposium, Jinnah Postgraduate Medical Center (JPMC), Karachi – Received Gold Medal for Best Paper.
- **June 2012:** Health status of women living in Sharafabad, Korangi Industrial Area, Karachi. The first Iranian International Conference on Women’s Health. Shiraz, Iran



Journals Reviewer:

- Journal of Current Ophthalmology
- International Journal of Equity in Health
- Journal of Parasitic Disease
- Journal of Pakistan Medical Association
- Shiraz E-Medical Journal

Bio:



02nd November 1981



Pakistani

Skills:



Spatial epidemiology
Maternal & Child Health
Social Epidemiology
Biostatistics
Community Health Assessment

R / RStudio

SPSS

DAGitty

STATA

ArcGIS

QGIS

EndNote

RevMan

English

Urdu

Gujarati

Persian



Publication:

- Raza O, Mansournia MA, Foroushani AR, Holakouie-Naieni K. Geographically Weighted Regression Analysis: A Statistical Method to Account for Spatial Heterogeneity. *Archives of Iranian Medicine (AIM)*. 2019;22(3).
- Memon J, Holakouie-Naieni K, Majdzadeh R, Yekaninejad MS, Garmaroudi G, Raza O, et al. Knowledge, attitude, and practice among mothers about newborn care in Sindh, Pakistan. *BMC pregnancy and childbirth*. 2019;19(1):329.
- Lodhi FS, Khan AA, Raza O, Zaman TU, Farooq U, Holakouie-Naieni K. Level of satisfaction and its predictors among joint and nuclear family systems in District Abbottabad, Pakistan. *Medical journal of the Islamic Republic of Iran*. 2019;33:59.
- Balikuddembe JK, Ardalan A, Khorasani-Zavareh D, Nejati A, Raza O. Weaknesses and Capacities Affecting the Prehospital Emergency Care for Victims of Road Traffic Incidents in the Greater Kampala Metropolitan Area: A Cross-Sectional Study. *Prehospital and Disaster Medicine*. 2019;34(s1):s177-s.
- Raza O, Lodhi FS, Morasae EK, Majdzadeh R. Differential achievements in childhood immunization across geographical regions of Pakistan: analysis of wealth-related inequality. *International journal for equity in health*. 2018;17(1):122.
- Holakouie-Naieni K, Owais R, Nematollahi S, Mensah LE, Memon J, Mhajabin S. Knowledge, Attitude, Practice of Dengue Fever and Its Related Factors among International Students at Tehran University of Medical Sciences. *Iranian journal of public health*. 2018;47(11):1777-9.
- Abdullahi KO, Holakouie-Naieni K, FOROUSHANI AR, Ahmadnezhad E, Raza O, Nematollahi S. Knowledge, Attitude, and Practice Regarding Ebola Virus Disease and Related Factors among International Students of Tehran University of Medical Sciences, 2015. *Iranian journal of public health*. 2018;47(5):775.
- Rahaman K, Majdzadeh R, Naieni K, Raza O. Comorbidities and care practices of diabetic patients. *Austin J Public Health Epidemiol*. 2017;4(2):1059.
- Lodhi FS, Raza O, Montazeri A, Nedjat S, Yaseri M, Holakouie-Naieni K. Psychometric properties of the Urdu version of the World Health Organization's quality of life questionnaire (WHOQOL-BREF). *Medical journal of the Islamic Republic of Iran*. 2017;31:129.
- Khazaei S, Rezaeian S, Baigi V, Saatchi M, Molaepoor L, Khazaei Z, et al. Incidence and pattern of tuberculosis treatment success rates in different levels of the human development index: a global perspective. *Southern African Journal of Infectious Diseases*. 2017;32(3):100-4.



Publication:

- Kh. Shafiur Rahaman RM, Kourosh Holakouie Naieni, Raza O. Knowledge, Attitude and Practices (KAP) Regarding Chronic Complications of Diabetes among Patients with Type 2 Diabetes. *Int J Endocrinol Metab.* 2017.
- Balikuddembe JK, Ardalan A, Khorasani-Zavareh D, Nejati A, Raza O. Weaknesses and capacities affecting the Prehospital emergency care for victims of road traffic incidents in the greater Kampala metropolitan area: a cross-sectional study. *BMC emergency medicine.* 2017;17(1):29.
- Safiri S, Haghdoost AA, Hashemi F, Amiri S, Raza O, Sadeghi-Bazargani H. Association between adult attention deficit hyperactivity disorder and helmet use among motorcycle riders. *Trauma monthly.* 2016;21(2).
- Holakouie-Naieni K, Ahmadvand A, Owais R, Assan A, Elduma AH, Jammeh A, et al. Assessing the knowledge, attitudes, and practices of students regarding ebola virus disease outbreak. *Iranian journal of public health.* 2015;44(12):1670.
- Shayesteh Hajizadeh, Maziar Moradi-Lakeh, Alireza Khajavi, Farahnaz Farzadfar, Elham Zandian, Owais Raza, Farshad Farzadfar. The Trend of National and Subnational Burden of Maternal Conditions in Iran from 1990 to 2013: The Study Protocol. *Archives of Iranian Medicine.* 2014;17(3):198-203.
- Shoab B, Ali M, Danish SH, Raza O. Human Immunodeficiency Virus, Hepatitis B and C: Barbers knowledge and their Practices. *Infectious Diseases Journal of Pakistan.* 2012;40(17):628.



Publication in press:

- Raza O, Mansournia MA, Foroushani AR, Holakouie-Naieni K. Exploring spatial dependencies in the prevalence of childhood diarrhea in Mozambique using global and local measures of spatial autocorrelation. *Medical journal of the Islamic Republic of Iran.* [In Press]
- Raza O, Mansournia MA, Foroushani AR, Toomanian A, Holakouie-Naieni K. Examining spatial variability in demographic and environmental characteristics of childhood morbidity in East Africa using geographically weighted principal components analysis. *International Journal of Health Geographics.* [In Press]
- Suhag ZH, Raza O, Baloch A. Global Polio Eradication Initiative and Pakistan: Is there an end to the endgame? *Vaccine.* [In Press]

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