

## Dr. Khalid Rehman (MBBS, MPH, PhD, Post Doc)

### Contact Information:

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  - **Date of Birth:** 2nd August 1980
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### Education

- **Post Doc** – University of York, UK (2021)
  - **PhD (Public Health)** – Medical University of Vienna, Austria (2016)
  - **Master in Public Health** – Gandhara University, Peshawar, Pakistan (2011)
  - **MBBS** – Ayub Medical College, University of Peshawar, Pakistan (2004)
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### Professional Summary

Over 19 years of experience in academia, research, and program management across multiple countries, including Pakistan, Liberia, Somalia, Kenya, South Sudan, Austria, Turkey, Syria, and Mozambique.

Areas of interest: Infectious diseases (malaria, COVID-19, tuberculosis, leishmaniasis), and non-communicable diseases (mental health, diabetes). Proven track record in leading government academic institution, securing and managing international research grants, conducting systematic reviews, and leading public health initiatives.

Currently, working as Professor of Public Health and Director of the Institute of Public Health & Social Sciences at Khyber Medical University, Peshawar. I have supervised over 50 Master scholars and facilitated modules on research methods, systematic reviews, and communicable/non-communicable diseases. In addition, I am also the,

- **Team lead** for a £1.1 million NIHR-funded community based cluster randomized control trial in Pakistan for prevention and control of diabetes.
  - **Co-Director** of the Clinical Trials Unit at Khyber Medical University.
  - **Co-PI** of WHO TDR Satellite Regional Training Centre.
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### Key Achievements

- **International PhD Scholarship** recipient from the Higher Education Commission of Pakistan (2012).
- **Advisor** to the Public Health Reference Laboratory (PHRL), Khyber Medical University.

- Published more than **35 scientific papers** in international peer-reviewed journals with a cumulative impact factor of over 150.
- **Master Trainer** for Malaria Case Management and COVID-19 Infection Prevention and Control in Pakistan.
- I have organised six international public health conferences as chief organiser. (2019, 2020, 2023, 2024, 2026)

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## Professional Experience

From	To	Country	Position
Dec 2025	Present	Pakistan	<b>Professor of Public Health</b> , Khyber Medical University, Peshawar
May 2023	Present	Pakistan	<b>Director, Institute of Public Health &amp; Social Sciences</b> , Khyber Medical University, Peshawar
Mar 2025	Present	Pakistan	<b>Theme lead</b> , NIHR UK-funded research project
Apr 2025	Present	Hamburg	<b>Research associate</b> , Bernard Nocht Institute for Tropical Medicine
Jun 2023	Nov 2025	Pakistan	<b>Associate Professor of Public Health</b> , Khyber Medical University, Peshawar
Jun 2018	May 2023	Pakistan	<b>Assistant Professor of Public Health</b> , Khyber Medical University, Peshawar
Jul 2019	Sep 2021	Pakistan – UK	<b>Post Doc Fellow</b> , University of York
Oct 2022	Feb 2025	Pakistan	<b>Deputy theme lead</b> , NIHR UK-funded research project
Jul 2017	May 2018	Pakistan	<b>Training and Communication Manager</b> , The Indus Hospital
Nov 2016	Jun 2017	Pakistan	<b>Head of Programs</b> , Medical Emergency Resilience Foundation (MERF)
May 2012	Mar 2013	South Sudan	<b>Malaria and Vector-Borne Disease Coordinator</b> , MENTOR Initiative UK
Sep 2011	Mar 2012	Somalia & Kenya	<b>Malaria Prevention Coordinator</b> , MENTOR Initiative UK
Mar 2011	Aug 2011	Pakistan	<b>Regional Coordinator</b> , Association for Community Development (Peshawar)
Sep 2010	Jan 2011	Liberia	<b>Medical Coordinator</b> , MENTOR Initiative UK
Aug 2009	Aug 2010	Liberia	<b>Health Coordinator</b> , Merlin UK

Dec 2008	May 2009	Pakistan	<b>Senior Project Officer</b> , Merlin UK
Mar 2008	Nov 2008	Pakistan	<b>Regional Coordinator</b> , Association for Community Development (ACD)
Dec 2006	Nov 2007	Pakistan	<b>Medical Supervisor</b> , PHC Project for IDPs, Merlin UK
Oct 2005	Nov 2006	Pakistan	<b>Medical Officer</b> , Merlin UK (Kashmir)
Jul 2005	Oct 2005	Pakistan	<b>Medical Officer</b> , Peshawar

## Scientific Publications

Published more than **35 peer-reviewed papers** in high-impact journals, including:

1. **Engagement of coMmunity through Participatory learning and action for cOntrol and preVention of type II Diabetes and its Risk factors (EMPOWER-D) - A Protocol for a Cluster Randomised Controlled Trial.** (BMC public health, 2025)
2. **Community Health Participatory interventions in the prevention and control of non-communicable diseases including mental health in crisis-affected Low-and Middle-Income Countries – a scoping review** (Global health action 2026)
3. **Interventions to mitigate the impact of COVID-19 pandemic on mental health status of healthcare workers: a systematic review.** (JPMA 2025)
4. **Conducting Tobacco Control Surveys Among Schoolchildren in South Asia – PLOS Global Public Health** (2024).
5. **Effects of chlorhexidine use on periodontal health during fixed appliance orthodontic treatment: a systematic review and meta-analysis.** (*European Journal of Orthodontics* – 2023)
6. **Pharmacological Interventions for Depression in Chronic Hepatitis B/C Patients – Cochrane Database of Systematic Reviews** (2022).
7. **Hemolysis associated with the treatment of malaria with artemisinin derivatives: a systematic review of current evidence** (*Int J of infec Dis* - September 2014)
8. **Leishmaniasis in Northern Syria during Civil War.** (*Emerging Infectious Diseases*, 2018)
9. **Effect of mild medical hypothermia on in vitro growth of Plasmodium falciparum and the activity of anti-malarial drugs.** (*Malaria Journal* – 2016)
10. **In vitro activity of immunosuppressive drugs against Plasmodium falciparum** (*Malaria Journal* - 2014)
11. **Evaluation of intermittent preventive treatment of malaria against group B Streptococcus colonization in pregnant women: a nested analysis of a randomized controlled clinical trial of sulfadoxine/pyrimethamine versus mefloquine** (*Journal of Antimicrobial chemotherapy* - 2015)
12. **Outbreak of Crimean-Congo Hemorrhagic Fever in Khyber Pakhtunkhwa – Infectious Diseases of Poverty** (2018).
13. **Quality of Life in Cutaneous Leishmaniasis Patients – Pakistan Journal of Medical Sciences** (2024).
14. **Prevalence of Parental refusal rate and its associated factors in routine immunization by using WHO Vaccine Hesitancy tool: A Cross sectional study at district Bannu, KP, Pakistan.** (*Int J of infec Dis* - December 2020).

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Google scholar ID: <https://scholar.google.com/citations?user=qxR40OcAAAAJ&hl=en>

(Full list of publications available on the above google scholar ID.)

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## Short Courses and Certifications

- **Certificate in Health Professional Education (CHPE)** Khyber Medical University – (2021)
  - **Strengthening Research Capacity for Tropical Disease Implementation Research and Research Ethics** - (WHO) – Cairo, Egypt (2024)
  - **Good Health Research Practice (GHRP)** – Pasteur Institute, Tunisia (2023).
  - **Good Clinical Practice (GCP)** – NIDA (2023).
  - **Disease Modelling** – Aga Khan University (2024).
  - **Systematic Reviews** – University of York (2022).
  - **COVID-19 Short Course** – London School of Hygiene & Tropical Medicine (2020).
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## Keynote Speaking Engagements

1. **Social Health Protection Initiative and Cardiovascular Diseases** – Aga Khan University, Karachi (Dec 2022).
  2. **Medical challenges in relief operations in disaster areas.** Bernard Nocht Institute for tropical medicine. Hamburg Germany.
  3. **Prevention and Control of Diphtheria and Pertussis** – 17th Asia Pacific Congress of Paediatrics (Mar 2022).
  4. **COVID-19 Vaccination Coverage, Challenges, and Way Forward** – International Rescue Committee, Islamabad (Oct 2021).
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## Consultancy Work

1. **Five-Year Interim Malaria Program Review** (2023), Khyber Pakhtunkhwa and Merged Areas.
2. **Health Facility Assessment (SARA Survey)** – University of Manitoba (2021), Districts Charsadda and Kohat.
3. **Five-Year Malaria Program Review** (2018), Khyber Pakhtunkhwa.

4. **Health Facility Assessment (SARA Survey)** – Health Foundation Khyber Pakhtunkhwa (2021), North Waziristan, Orakzai, and Chitral.
  5. **Supportive Supervision and Malaria Case Management Trainings** – The Indus Hospital (2022), Khyber Pakhtunkhwa and Balochistan.
  6. **COVID-19 Surveillance Establishment** – WHO (2020), Khyber Pakhtunkhwa.
  7. **COVID-19 Vaccine Hesitancy Survey** – International Medical Corps (2020), Khyber Pakhtunkhwa.
  8. **WASH Practices and COVID-19 Communication Strategy** – UNDP (2021), Newly Merged Districts of Khyber Pakhtunkhwa.
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