

Muhammad Usman Ali Awan

MBBS (*Gold Medallist*), MPhil Public Health, Postgraduate Diploma Hospital Management

FCPS Psychiatry Resident

6 years of experience in public health; 2.5 years' experience in psychiatry

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- **Key competencies:**

Conducting Epidemiological and Qualitative Research; Systematic Review; Meta Analysis; Meta Synthesis; Health System Strengthening; Community Development; Health Promotion; Capacity Building; Public Health Program Development; Monitoring and Evaluation; Human Rights, Gender and Sexuality Sensitive Health Programming

CLINICAL EXPERIENCE (April 2017-present)

Resident Psychiatry FCPS, King Edward Medical University, Lahore, February 2022- present

Enrolled in four-year terminal training program in General Psychiatry at the oldest South Asian medical institute King Edward Medical University, Lahore. It includes clinical rotation in neurology, general medicine, psychology and child psychiatry as well as a detailed thesis. The degree program is equivalent to MRCPsych/ PhD.

Cleared FCPS-midterm theory and clinical exam in February 2024 in first attempt.

PUBLIC HEALTH EXPERIENCE (May 2018-present)

Technical Officer (Mental Health), Association of People Living with HIV/ AIDS, Pakistan: May 2023-present

Mobilized grant of 70,000 USD for implementation of devolved and decentralized services for treatment of common mental illnesses among people living with HIV, AIDS across nine ART centres in Pakistan.

EXPERIENCE WITH UNITED NATIONS DEVELOPMENT PROGRAM (UNDP)

Research Coordinator, United Nations Development Program (Country Office, Pakistan) Feb 2023- Dec 2023

Conducting National HIV Stigma Index 2.0 in Pakistan and developing advocacy plan for reducing stigma in Pakistan. National HIV Stigma Index is a uniform protocol developed by UNAIDS headquarters, John Hopkins University and Global Network of PLHIVs (GNP+). The study is carried out in 100+ countries and feeds UNAIDS Global AIDS Monitoring Report (GAM) indicators.

Program Evaluator, United Nations Development Program (Country Office, Pakistan) Feb 2023- Dec 2023

Conducting assessment and system review for pharmacy voucher scheme provided to people living with HIV/AIDS. Conducting rapid assessment of common illnesses including STIs and opportunistic infections among PLHIVs and develop a medication disbursement plan and forecast quantification of medications

PrEP Advocacy and Communication Support Consultant, United Nations Development Program (Country Office, Pakistan) Sep 2021- Dec 2021

Provide technical assistance to UNDP Country office for development of an advocacy and communication toolkit and trainings on PrEP demand generation. A set of 4 trainings of all community organizations were conducted.

National Public Health Specialist, United Nations Development Program (Country Office, Pakistan) March 2021- July 2021

Assisting UNDP to develop proposal for HIV as Principal recipient for the Global Fund HIV funding from 2021-

2023. Alongside, aiding team lead in devising transition plan for grant implementation and capacity assessment undertaken by Local Fund Agent (LFA) on behalf of the Global Fund.

EXPERIENCE WITH WORLD HEALTH ORGANIZATION (WHO)

National Consultant, The World Health Organization, Pakistan Country Office 15 April 2023- July 2023

Development of case management guidelines for cryptococcal disease in advanced HIV for Pakistan in collaboration with WHO Pakistan office. The guidelines are to be disseminated among the HIV treatment physicians and infectious disease specialist taking part in PLHIV care.

National Consultant, The World Health Organization, Pakistan Country Office June 2022- Sep 2022

Providing technical support for updating National PrEP guidelines and conducting training of healthcare providers on standard operating procedures related to PrEP service delivery.

Providing technical support for Roll-out updated National guidelines on Prevention and management of Sexually transmitted infection at community level. Training material was developed as key deliverable in accordance with Global WHO Sti guidelines 2022.

National Consultant, The World Health Organization, Pakistan Country Office Sep 2021- Nov 2021

Assisted WHO Country Office, Pakistan to conduct a feasibility assessment of pre-exposure prophylaxis for HIV prevention (PrEP) acceptability among men who sex with men (MSM) and transgender community in Pakistan.

EXPERIENCE WITH UNITED NATIONS JOINT PROGRAM ON HIV/ AIDS (UNAIDS)

PrEP Consultant, United Nations Special Program for HIV/ AIDS, Asia and the Pacific Regional Office Aug 2021- May 2022

Assisting Regional Office of UNAIDS/ WHO, in carrying series of workshops, and a webinar on management of challenges related to PrEP roll-out in the region. Assisted Regional PrEP advisor, UNAIDS Consultants and UNAIDS/ WHO country offices in agenda setting, rolling out workshops and documentation.

EXPERIENCE WITH INTERNATIONAL NON-PROFIT ORGANIZATIONS

Public Health Consultant, International Treatment Preparedness Coalition April 2022- July 2022

Conducting community-based organizations capacity assessment and developing community led monitoring roll out plan in accordance with UNAIDS and ITPC guidelines

National Consultant, Impact Sante Afrique (ISA), February 2022- March 2022

National Consultant for mapping civil society organizations working on Malaria in the country and conducting their capacity assessments. The exercise was part of regional malaria civil society organization mapping done at the Asia Pacific.

EXPERIENCE WITH NATIONAL NON-PROFIT ORGANIZATIONS/ DEVELOPMENT PARTNERS

Digital Health Consultant, Cybervision International July 2023-Dec 2023

Assisting the team in developing project management software for United Nations Development Program for HIV/ AIDS. The dashboard is aimed to aid monitoring and evaluation of the project, product supply and management system and financial management for the project.

Public Health Consultant, The Association of People Living with HIV/ AIDS, (APLHIV), Pakistan Nov 2022- July 2022

- Conducting two focus group discussions with TB communities based on APCRG Score card and developing report on country TB response in light of the APCRG scorecard.
- Conducting community consultation exercise at provincial and national levels for updating national and provincial HIV strategic plans and upcoming Global Fund funding request for HIV/ AIDS 2024-2026.

- Developing community mobilization plan for HIV communities after thorough consultation with stakeholders and key-informant interviews with policy makers. The community mobilization plan is aimed to guide community organizations for recruitment of community activist and develop their capacity.

Public Health Consultant, Drug User Network (DUNE), Pakistan March 2022

Designing community led monitoring tool and standard operating procedures (SOPs) for community led monitoring of services related to integrated services of HIV/ AIDS and drug use in Pakistan and conducting training of the implementers of the tool and SOPs.

Community Consultant, The Association of People Living with HIV/ AIDS, (APLHIV), Pakistan Aug 2021-Sep 2021

- Program Evaluation of Challenge Facility Civil Society Round-9 (supported by UNOPS and STOP TB Partnership). The program's objective was to promote activism in TB communities in Pakistan.
- Facilitate the APLHIV in developing report a CRG technical assistance needs assessment and network mapping of civil society and community-based organization working with GFATM on AIDS, TB and Malaria. The exercise was a part of regional research on same objectives.

Public Health Consultant, Khawaja Sira Society Dec 2020

Development of guidance notes on transgender sexual health and conducting consultation with medical fraternity to take concrete steps to ensure provision of standard of care during hormone replacement therapy to transgender community.

Public Health National Specialist, The Association of People Living with HIV/ AIDS, (APLHIV), Pakistan, March 2019 -Dec 2020

- Providing technical assistance to HIV key population and people living with HIV and developing two years community engagement road map for effective implementation and community inclusion in HIV/ AIDS response in Pakistan 2020-2022
- Development of modules on human rights, stigma, leadership, advocacy, communication skills and terms of reference for community support groups of communities at risk of TB. Modules were also translated in Urdu language.
- Proposal submission to donor agencies, report iteration of APLHIV COVID-19 response and developing National HIV situation analysis report. Alongside, tasked to conduct focus group discussion of people living with HIV AIDS to improve community acceptable service delivery and improved treatment outcomes in the community.
- The APLHIV undertook a National Level Consultation on Global Fund's Grant for HIV for period 2021-2023. Responsibilities included facilitation of community representatives in consultation process and work with the APLHIV team to iterate the report on communities' perspective of upcoming service delivery model.
- Conducting research on improving coverage of HIV service delivery for communities, need assessment of children infected with HIV/ AIDS in Larkana outbreak and feasibility of Ora-Quick HIV self-testing.

Public Health Consultant, Dostana Male Health Society, Lahore, Pakistan Sep 2020- Oct 2020

Conducting community consultation and media sensitization on HIV Bill pending in Punjab Assembly. It included developing summary report on key recommendations to be added in HIV Bill and submitted to UNAIDS Country office.

Program Manager Public Health, Dostana Health Society, Lahore, Pakistan, May 2018- Feb 2020

- Manage, monitor and evaluate quality of service delivery, data consolidation, verification and reporting to Greenstar Social Marketing, sub-recipient of Global Fund HIV Program. Tasked for developing liaisons with Punjab and National AIDS Control Program and bilateral partners such as UNAIDS and WHO.

- Module development for awareness of common mental health illnesses faced by marginalized communities at risk of HIV and conducting seven trainings of community activists based on the module.

ACADEMIC RECORD

- College of Physicians and Surgeons, Pakistan, Fellowship College of Physicians and Surgeons, Pakistan- Psychiatry, 2022-present
- University Institute of Public Health, University of Lahore, Masters of Philosophy in Public Health October 2022-May 2024
- Health Services Academy, Islamabad, Postgraduate Diploma in Health Management, 2022-2023
- Foundation University, Islamabad, MBBS, 2012-2017
- Gold Medal Pharmacology Foundation University Medical College 2014
- Certificate of Merit Pharmacology Foundation University Medical College 2014
- Certificate of Merit in Anatomy I Foundation University Medical College 2012
- Certificate of Merit in Anatomy II Foundation University Medical College 2013
- Punjab University, Lahore, B.Sc., 2016

CERTIFICATIONS

- International Treatment Preparedness Coalition (www.itpcglobal.org) Community Led Monitoring (CLM) Academy Sep 2022
- Orygen (Australia www.orygen.org.au) Global Youth Mental Health Advocacy Fellowship Feb 2022-Sep 2022
- Transkills Hub, Mastering Mendeley, Jan 2022
- International Peoples Health University (India), Gender, justice and health, Oct 2021-Nov 2021
- Clinical Trial Unit, Dow University of Health Science, Karachi, Pakistan, Clinical Research Certified Professional (CRCP), Feb 2021-June 2021
- Transkills Hub, Advanced Statistical Analysis using SPSS, 2020

SOFTWARE LITERACY

- Microsoft EXCEL; SPSS; AMOS; VOS viewer; Cite space; Cite Net Explorer; NVIVO; RevMan; Rayyan, MetaXL GRADE pro, GRADE CerQUAL

DATA ANALYSIS EXPERTISE

- **Qualitative Data Analysis; Concept Mapping; Cross Sectional Data Analysis:** Linear & Logistic Regressions; MANOVA, ANOVA, ANCOVA; Principal Component And Factor Analysis (Structural Equation Modelling); Regression-Based Mediation And Moderation Analysis; **Bibliometric Analysis; Systematic Review And Meta-Analysis; Meta Synthesis; Qualitative Evidence Synthesis; Longitudinal Data Analysis:** Cox Regression And Survival Analysis, MANOVA, Generalized Equation Estimation (GEE) Analysis; Mixed Model Analysis

RESEARCH PUBLICATIONS IN PEER REVIEWED JOURNALS

1. **Ali U**, Pasha SK, Patel R, Schmidt HM, Assessment of Acceptability of Pre-exposure Prophylaxis for HIV Prevention Among Men Who Sex with Men and Transgender Community in Pakistan. Journal of the College of Physicians and Surgeons Pakistan 2023, Vol. 33(09): 983-989.
2. **Ali U**, Ali SA. Prevalence of Depression and Subjective Job Stress Among Men who have Sex with Men and Transgender Community Health Workers in Pakistan. Journal of the College of Physicians and Surgeons Pakistan 2023, Vol. 33(07): 779-783.
3. **Ali U**, Waqas A, Ayub M. Research Trends and Geographical Contribution in the Field of Perinatal Mental Health: A Bibliometric Analysis from 1900 to 2020. Women's Health Reports. 2022 Jul 25. <https://doi.org/10.1089/whr.2021.0144>
4. Kaleem F, Saleem H, Shah MU, **Ali U** et al., Comparison of post exposure prophylaxis protocol for HBV, HCV and HIV among different groups of healthcare workers; a multicentre experience. Infec dis J Pak 2019; 28 (1): 15-19
5. **Ali U**, Farooq KF, Saghir NJ. Role of trans-abdominal colour Doppler ultrasound in pre-operative detection of Ovarian Malignancies. Foundation Uni Med J. 2018; 3(1): 17-20.
6. Kaleem F, Usman J, **Ali U** et al., In Vitro Efficacy of Third Generation Cephalosporin's against Nalidixic Acid Resistant and Multi Drug Resistant *Salmonella Typhi* and *Paratyphi* via E-strip Method. Infec dis J Pak 2018; 27 (04): 89-92.
7. **Ali U**, Abbasi SA, Kaleem F et al., Outbreak of extensively drug resistant (XDR)-*Stenotrophomonas maltophilia* in burn unit of a tertiary care hospital. J Ayub Med Coll Abbottabad 2017; 29(4):686–8.
8. **Ali U**, Zubair UB, Ambreen A et al., Delay in diagnosis of Pulmonary Tuberculosis: Study of factors related to patients and health care system in Rawalpindi, Pakistan. J Microbiol Infect Dis 2017; 07 (03):119-124.
9. Nomani AZ, Rajput HM, and **Ali U**. Parry Romberg Syndrome: The socially appalling yet less acknowledged diagnosis: case series and literature review. J Pioneer Med Sci.2017; 8(1):13-17.
10. Khan OA, Khalid M, **Ali U** et al., Lack of sleep and its association with academic progress of undergraduate students of Foundation University Medical College, Islamabad, Pakistan. Pakistan Journal of Neurological Sciences (PJNS): 2017; 12(3): 17-20.
11. Tajammul SS, **Ali U**, Kazi F. Secondary Ameloblastic Carcinoma of Mandible with Pulmonary Metastasis. J Coll Physicians Surg Pak 2018; 28(6): S117-S119.
12. Zubair UB, Mansoor S, Rana MH, **Ali U** et al., Psychiatric morbidity and associated socio-demographic factors in young un-employed people. Pak Armed Forces Med J 2016; 66(4):553-57.
13. Zubair UB, Malik Z, **Ali U**. Assessment of Quality of Sleep in Pregnancy and Sociodemographic Factors Associated with Poor Sleep Quality in Pregnancy. J Sleep Disor: Treat Care 2016; 5:2.
14. **Ali U**, Kaleem F, Aftab I, Abbasi SA et al. Antimicrobial susceptibility pattern of *Acinetobacter baumannii* in clinical isolates of tertiary care hospital. Infec dis J Pak 2016; 25(3):45-48.
15. **Ali U**, Abbasi SA, Kaleem F et al., Antimicrobial Resistance Pattern of *Stenotrophomonas maltophilia* Isolates from a Tertiary Care Setting in Rawalpindi, Pakistan. J Med Microbiol Infec Dis, 2016, 4 (3-4): 83-87.
16. Zubair UB, **Ali U**. Prevalence of Depressive Symptoms and Associated Socio Demographic Factors among intermediate College Boys. Austin J Psychiatry Behav Sci 2015; 2(2): 1040.
17. **Ali U**, Abbasi SA, Kaleem F et al., Susceptibility pattern of Methicillin Resistant *Staphylococcus aureus* infections in clinical isolates of a tertiary care hospital. Foundation Uni Med J. 2015; 2(2):29-33.

CONFERENCE PRESENTATION

1. World Psychiatric Association Thematic Congress 2022. Pakistan, Research Trends and Geographical Contribution in the Field of Perinatal Mental Health: A Bibliometric Analysis from 1900 to 2020

2. Assessment of Quality of Sleep in Pregnancy and Socio Demographic Factors Associated with Poor Sleep Quality in Pregnancy. Annual Neurology Research Day for Medical Students and Residents 2016.
3. Annual Neurology Research Day for Students and Medical Residents, Islamabad, Pakistan 2016, Quality of sleep-in pregnant women and socio- demographic factors associated with poor quality sleep.

WORKSHOPS ATTENDED

1. WHO peer review workshop for Global Fund Applications for Window 1 Submission, 21-23 February 2023, Nairobi, Kenya.
2. Role of early career psychiatrist in global psychiatric genetic research. World Psychiatric Association Thematic Congress 2022.

DEVELOPMENT SECTOR DOCUMENTS (AUTHORED/ DEVELOPED)

1. National HIV Stigma Index 2.0 Pakistan 2024. **Dr Usman Ali**, United Nations Development Program. <https://www.stigmaindex.org/country-reports/#/m/PK> or <https://www.undp.org/pakistan/blog/hiv-stigma-index-study-20-highlighting-hiv-associated-stigma-and-discrimination-through-evidence-generation-study-hiv-communities-hiv>
2. Management guidelines for Cryptococcal Meningitis **Dr Usman Ali**, The World Health Organization (WHO), Pakistan 2023.
3. Standard Operating Procedures (SOP) for HIV Self testing for the Islamic Republic of Pakistan. Dr Shahid Jamil and **Dr Usman Ali**, The World Health Organization (WHO), Pakistan 2022.
4. Demand Generation Toolkit for PrEP in Pakistan; an advocacy and communication guide. Dr Mohammad Zaffar and **Dr Usman Ali**, United Nations Development Program (UNDP), Pakistan 2021.
5. Standard Operating Procedures (SOP) for Oral Pre-Exposure Prophylaxis for HIV Prevention for the Islamic Republic of Pakistan. Dr Rupa Patel and **Dr Usman Ali**, the World Health Organization (WHO), Pakistan 2021.
6. An assessment of pre-exposure prophylaxis for HIV prevention (PrEP) acceptability among men who sex with men (MSM) and transgender community in Pakistan. **Dr Usman Ali** and Dr Rupa Patel, the World Health Organization (WHO), Pakistan 2021.
7. Improving Access of Key Populations to HIV Testing and Treatment Service Delivery. Dr. Suleman Qazi and **Dr Usman Ali**, The Association of People Living with HIV, Pakistan. <https://theaplhiv.org.pk/>
8. Road Map on Implementation of Transgender Act in Pakistan. **Dr Usman Ali** and Janat Ali. https://www.researchgate.net/publication/338095758_Road_Map_on_Implementation_of_Transgender_Act_in_Pakistan

REFERENCES

- Dr. Umar Riaz, National Program Specialist HIV, UNDP, Pakistan Office Email: umar.riaz@undp.org
- Dr. Heather Doyle, Project Coordinator, UNDP, Pakistan Office Email: heather.doyle@undp.org
- Dr. Safdar Kamal Pasha, National Professional Officer, World Health Organization, Pakistan Office Email: mpasha@who.int