

Md Mohsin
Doctoral Student, Interdisciplinary Health Sciences
The University of Texas at El Paso
500 W University Ave, El Paso, TX 79968
mmohsin@miners.utep.edu [GoogleScholar](#)

OBJECTIVE Aspiring to address health disparities and improve healthcare access for underserved populations. Committed to evidence-based policy development, research, and advocacy to promote health equity and enhance community well-being. Specific focus on addressing substance use disorders, mental health, and HIV/AIDS-related disparities.

EDUCATION

2021 – Present ABD, Interdisciplinary Health Sciences Ph.D. Program
The University of Texas at El Paso, El Paso, TX 79968
Research Topic: Maternal and Child Health Disparities Related to Substance Use Disorder

2018-2019 M.S. in Applied Statistics, University of Dhaka, Nilkhet Rd, Dhaka 1000, Bangladesh
Research Topic: Trends and Determinants of Malnutrition among Children Aged 0-59 Months in Bangladesh

2014-2017 B.S. in Applied Statistics, University of Dhaka, Nilkhet Rd, Dhaka 1000, Bangladesh
Research Topic: Factors Associated with Transfer Fees in Major Six European Football Leagues

RESEARCH EXPERIENCE

2022-23 Research Topic: Analysis of Depression, Anxiety, ADHD, and Behavioral Problems among Children Aged 6-17 years in the U.S. Using National Survey of Children’s Health (NSCH) Datasets
Mentor: Dr. Thenral D Mangadu

2021 Research Topic: Substance Use Disorder during Pregnancy and Postpartum Period in the US: A Review on Its Impacts, Diagnosis, Interventions, and Risk Factors
Mentor: Dr. Thenral D Mangadu

PROFESSIONAL EXPERIENCE

Sep 2021-Present Graduate Research Associate (GRA), The University of Texas at El Paso, El Paso, TX 79968

Mar 2021-Jul 2021 Associate Research Analyst, Innovations for Poverty Action (IPA), Banani, Dhaka-1212, Bangladesh

Oct 2019-Feb 2021 Research Assistant, MOMODa FOUNDATION, Dhanmondi, Dhaka-1209, Bangladesh

PUBLICATIONS

Mohsin, M., & Mahmud, S. (2022). *Omicron SARS-CoV-2 Variant of Concern: A Review on its Transmissibility, Immune Evasion, Reinfection, and Severity.*

<https://pubmed.ncbi.nlm.nih.gov/35583528/>

Mohsin, M., Mahmud, S., Uddin Mian, A., Hasan, P., Muyeed, A., Taif Ali, Md., Faysal Ahmed, F., Islam, A., Maliha Rahman, M., Islam, M., Rahaman Khan, M. H., & Shafiqur Rahman, M. (2022). Side effects of COVID-19 vaccines and perceptions about COVID-19 and its vaccines in Bangladesh: A Cross-sectional study. *Vaccine: X*, 12, 100207.

<https://doi.org/10.1016/j.ivacx.2022.100207>

Hossain, M. B., Mistry, S. K., Mohsin, M., & Khan, M. H. R. (2019). Trends and determinants of perinatal mortality in Bangladesh. *PLOS ONE*, 14(8), e0221503.

<https://doi.org/10.1371/journal.pone.0221503>

Mahmud, S., **Mohsin, M.**, Khan, I. A., Mian, A. U., & Zaman, M. A. (2021). Knowledge, beliefs, attitudes and perceived risk about COVID-19 vaccine and determinants of COVID-19 vaccine acceptance in Bangladesh. *PLOS ONE*, 16(9), Article 9.

<https://doi.org/10.1371/journal.pone.0257096>

Mahmud, S., Hossain, S., Muyeed, A., Islam, M. M., & **Mohsin, Md.** (2021). The global prevalence of depression, anxiety, stress, and insomnia and its changes among health professionals during COVID-19 pandemic: A rapid systematic review and meta-analysis. *Heliyon*, 7(7), e07393.

<https://doi.org/10.1016/j.heliyon.2021.e07393>

Mahmud, S., **Mohsin, M.**, Irfan, S. H., Muyeed, A., & Islam, A. (2022). Knowledge, attitude, practices, and determinants of them toward tuberculosis among social media users in Bangladesh: A cross-sectional study. *PLOS ONE*, 17(10), e0275344.

<https://doi.org/10.1371/journal.pone.0275344>

Mahmud, S., Mohsin, M., Dewan, Md. N., & Muyeed, A. (2022). The Global Prevalence of Depression, Anxiety, Stress, and Insomnia Among General Population During COVID-19 Pandemic: A Systematic Review and Meta-analysis. *Trends in Psychology*.

<https://doi.org/10.1007/s43076-021-00116-9>

Mahmud, S., Mohsin, M., Hossain, S., Islam, M. M., & Mueyed, A. (2022). The acceptance of COVID-19 vaccine at early stage of development and approval: A global systematic review and meta-analysis. *Heliyon*, 8(9), e10728.

<https://doi.org/10.1016/j.heliyon.2022.e10728>

Mahmud, S., Mohsin, M., Mueyed, A., Islam, M. M., Hossain, S., & Islam, A. (2023). Prevalence of HIV and syphilis and their co-infection among men having sex with men in Asia: A systematic review and meta-analysis. *Heliyon*, 9(3), e13947. <https://doi.org/10.1016/j.heliyon.2023.e13947>

Hossain, S., Akter, T., **Mohsin, M.**, Islam, Md. M., Chowdhury, P. B., & Khudri, M. M. (2024). Contraceptive uses among married women in Bangladesh: A systematic review and meta-analyses. *Journal of Health, Population and Nutrition*, 43(1), 10.

<https://doi.org/10.1186/s41043-024-00502-w>

Mahmud, S., Sumana, F. M., Mohsin, M., & Khan, Md. H. R. (2022). Redefining homogeneous climate regions in Bangladesh using multivariate clustering approaches. *Natural Hazards*, 111(2), 1863–1884. <https://doi.org/10.1007/s11069-021-05120-x>

Hossain, S., Barua Chowdhury, P., Mohsin, M., & Biswas, R. (2023). Addictive Behavior and Mental Health of Adolescents in Bangladesh: Evidence from Global School-Based Health Survey. <https://doi.org/10.2139/ssrn.4401909>

PEER REVIEWS

COVID-19 Vaccine Acceptance and Associated Factors among Adult Clients at Public Hospitals in Eastern Ethiopia Using the Health Belief Model: Multi-center Cross-sectional Study (BMJ Open)

Knowledge, perceived risk, and attitudes towards COVID-19 amongst ethnic minorities in the UK: A cross-sectional study (Plos One)

Trends in Exclusive Breastfeeding Practice and Maternal Employment in Bangladesh: A Multilevel Analysis (Frontiers in Public Health)

SKILLS

Statistical Analysis	Proficient in Stata, SPSS, and R; SAS (Basic)
Data Visualization	Skilled in using R packages for data visualization and presentation.
Research Methods	Experienced in quantitative and qualitative research methodologies.
Literature Reviews	Experienced in conducting all types of literature reviews (systematic, scoping, etc.), data synthesis, and analysis (meta-analysis).
Writing	Experienced and adept in scientific writing.
Microsoft Office	Proficient with the Microsoft Office Suite or the equivalent software.
Communication	Excellent in communication and interpersonal skills.

REFERENCES

Available upon request