

Md Mohsin
Interdisciplinary Health Sciences Ph.D. program
The University of Texas at El Paso
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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
- Oct 2019-Feb 2021 Research Assistant, MOMODa FOUNDATION, Dhanmondi, Dhaka-1209, Bangladesh
- Mar 2021-Jul 2021 Associate Research Analyst, Innovations for Poverty Action (IPA), Banani, Dhaka-1212, 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.jvacx.2022.100207>

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>

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., 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.**, 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., & Muyeed, 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.**, 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., 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>

Mahmud S, **Mohsin M**, Muyeed A, Islam MM, Hossain S, Islam A. Prevalence of HIV and syphilis and their co-infection among men having sex with men in Asia: A systematic review and meta-analysis. *Heliyon*. 2023 Feb 21;9(3):e13947. doi: 10.1016/j.heliyon.2023.e13947. PMID: 36895383; PMCID: PMC9988516.

Working Papers

Mahmud, S., **Mohsin, M.**, Muyeed, A., Nazneen, S., Sayed, Md. A., Murshed, N., & Islam, A. (2022). *Machine Learning Approaches for Predicting Suicidal Behaviors among University Students in Bangladesh during the COVID-19 Pandemic* [Preprint]. In Review. <https://doi.org/10.21203/rs.3.rs-2069873/v1>

Ali, Md. T., Mahmud, S., **Mohsin, M.**, Mian, A. U., Islam, A., & Ahmed, F. F. (2022). *Knowledge, Attitude, and Practices toward Food Safety among Students in Bangladesh: A Cross-Sectional Study* [Preprint]. In Review. <https://doi.org/10.21203/rs.3.rs-2004646/v1>

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)

Computer Skills

Programming R, Stata, SPSS, Latex, SurveyCTO

References

Available upon request