

CURRICULUM VITAE

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CAREER SUMMARY

- Currently work as an Assistant Professor
- Gained 4+ years of teaching and tutoring experiences
- Edited, authored, or co-authored **100+** research papers
- Skilled in project implementation, monitoring, evaluation, supervision, mentoring, public health research, and statistical analysis
- Worked with UN systems and international NGOs to implement multiple health-related projects
- Collaborated with multidisciplinary research teams in developing and developed countries (Bangladesh, India, Thailand, Australia, Germany, and the USA)
- Gained **10** years of work experience in various capacities– from supervisory to managerial level- in the areas of Sexual and Reproductive Health (SRH), Maternal, Newborn, and Child Health (MNCH), Chronic Diseases, Digital Health, Environmental Health and Health Systems

EDUCATION

04/2019 – 04/2023	Ph.D. (Epidemiology and prevention) Faculty of Medicine, Nursing and Health Sciences Monash University, Melbourne, Australia
07/2015 - 10/2016	MSc in International Health Charite- University Medicine Berlin, Germany Study emphases: Epidemiology and Public Health
07/2012 - 06/2014	Masters of Development Studies (MDS) Department of Development Studies, University of Dhaka, Bangladesh Study emphases: Environment, Health, and Development
04/2005 - 10/2010	Bachelor of Medicine and Surgery (MBBS) Dhaka Medical College, University of Dhaka, Bangladesh Study emphases: Medicine, Surgery, Pediatrics, Gynecology, and Obstetrics

TEACHING

08/2023 – Till to date | Assistant Professor

Department of Health Sciences,
James Madison University, Harrisonburg, Virginia, USA
<https://www.jmu.edu/chbs/healthsci/index.shtml>

Principal responsibilities are:

- Teaching and supervising undergraduate students (HTH 408: Research Methods; HTH 320: Statistical Methods; HTH 245: Infectious Disease)
- Conducting research, writing research funding proposals, and publishing academic papers
- Participating in Departmental, College and University Committees meetings, offering suggestions for improvement
- Community work and social mobilization

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05/2020 – 05/2021 | Teaching Associate (Instructor)

School of Public Health and Preventive Medicine,
Monash University, Melbourne, Australia

Principal responsibilities were:

- Teaching and supervising undergraduate students: Human Health and Disease (HSC 1300), Communicable Disease Prevention and Control (PBH3002); and Introduction to Epidemiology and Biostatistics (MPH5020)
- Providing feedback on student progress to the Unit Coordinator
- Assisting various departments and supporting Professors and staff

PUBLIC HEALTH RESEARCH

09/2021 – 07/2023 | National Consultant

Consultant- Monitoring & Evaluation (01/2023- 07/2023)
Consultant- Project Coordinator (09/2021- 03/2022)

United Nations Population Fund (UNFPA), Bangladesh

<https://bangladesh.unfpa.org/>

Principal responsibilities were:

Technical and operational support to program implementation:

- Identify M&E capacity gaps of the implementing partners and provide training to them in collaboration with M&E Unit for timely data collection and results reporting
- Ensure that all implementing partners (IPs) are reporting appropriately as per UNFPA and donor requirements, and submit reports on time
- Prepare project proposals, priority documents, concept notes, and manuscripts for UNFPA.

Program monitoring and evaluation:

- Timely review of the workplan progress reports of IPs, and provide feedback following UNFPA corporate guidelines
- Develop infographics and short briefing notes on the results achieved from the project
- Conduct monitoring visits to monitor IPs' workplan activities, and follow up on the implementation of field monitoring visit recommendation actions of the program staff

Support for program development, planning, and management:

- Provide technical and operational support to program implementation by executing technical tasks, preparing materials and documentation, and complying with organizational management systems.
- Coordinate with technical officers, program analysts, and finance officers to ensure the proper implementation of the SRH program.

01/2019 – 09/2021 | Assistant Scientist

Maternal and Child Health Division

International Centre for Diarrheal Disease Research, Bangladesh (icddr,b)

www.icddr.org

Principal responsibilities were:

Project implementation:

- Support the Principal Investigator (PI) in finalizing the project implementation plan, including tool development, enrollment of the participants, data management, and analysis
- Provide technical advice to the project coordinator to ensure the successful integration and implementation of interventions
- Develop guidelines and modules, and prepare periodic reports and financial statements

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Proposal and protocol development:

- Develop proposals and protocols for research studies and brainstorm research ideas
- Review concept notes for peers and provide comments to conduct research in new areas

Scientific analysis, knowledge creation, and translation:

- Critically assess data quality, conduct relevant analysis, and prepare manuscripts to submit to peer-reviewed journals
- Attend international conferences and workshops to disseminate research reports and findings

Networking with stakeholders:

- Collaborate with the Ministry of Health and Family Welfare (MOHFW), academicians, and government partners; and coordinate with donors and stakeholders at the international level
- Liaise with collaborators and formulate timely reports as per project requirements

03/2013 -12/2018 | Medical Officer & 12/2011 - 03/2013 | Project Research Physician

Maternal and Child Health Division

International Centre for Diarrheal Disease Research, Bangladesh (icddr,b)

Principal responsibilities were:

Project implementation:

- Assist in preparing project implementation plan, including monitoring-evaluation framework
- Provide support to the administrations and financial management, including budget and spend management and human resources management
- Support project progress reporting, mid-term project review, and final evaluation

Team leads and people management:

- Implement a project on 'Interrupting pathways to the Maternal, Newborn and Early Childhood Sepsis Initiative' to strengthen MNCH services in two sub-districts of Tangail as a program coach
- Supervise the field team in collecting the biological sample and ensuring the proper storage

Knowledge creation and translation:

- Formulate reports for PI and other investigators as well as external collaborators
- Participate in the development of scientific publications

TEACHING/ RESEARCH INTEREST

- Epidemiology and Research Methodologies
- Communicable and Non-Communicable Diseases (NCDs)
- Sexual, Reproductive, Newborn, and Child Health
- Health Systems Strengthening

ONGOING/ COMPLETED PROJECTS AND RESEARCH STUDIES (selected top five)

- **Project title:** Effectiveness of a package of lifestyle intervention, delivered by community health workers, to control non-communicable diseases in rural India: A cluster randomized controlled trial

Role: Co-Principal Investigator

Timeline: 2021- 2024

Collaborator: Garhwal Community Development & Welfare Society Chamba, Uttarakhand, India

Donor: Monash University, Australia (Approved budget: AUD 100,000)

Objective: To assess the effectiveness of a package of lifestyle interventions delivered by community health workers, to control non-communicable diseases in rural India

Documentation: Please see the [project link](#)

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- **Project title:** App for promoting the awareness and use of USAID funded population facility surveys in Bangladesh
Role: Co-investigator
Timeline: 2021-2024
Collaborator: International Centre for Diarrheal Disease Research, Bangladesh (icddr,b)
Donor: USAID (Approved budget \$59,377)
Objective: To develop an app for promoting the access and use of health survey data in policy making, program planning and monitoring. This will include assessing the accessibility, user experience monitoring, analysis of the app's growth and pattern and content-based response by the users.
- **Project title:** Feasibility of developing and introducing an inpatient register for sick newborns and children to strengthen the Management Information System (MIS) in selected public health facilities of Bangladesh
Role: Co-investigator
Timeline: 2021-2024
Collaborator: icddr, b
Donor: USAID (Approved budget \$121,037)
Objective: To test the usability, acceptability, and utility of an inpatient register for managing sick newborns and children in selected facilities of Bangladesh
- **Project title:** Feasibility of developing and introducing an eRegister based on existing paper based EmONC register for strengthening Management Information System (MIS) in selected public facilities of Bangladesh
Role: Co-investigator
Timeline: 2021-2024
Collaborator: icddr, b
Donor: USAID (Approved budget \$109,950)
- **Project title:** Task sharing management of non-communicable diseases using mobile health in rural India- As student investigator and project manager
Timeline: Nov 2019 - Dec 2022
Collaborator: Garhwal Community Development & Welfare Society Chamba, Uttarakhand, India
Donor: Monash University, Australia; Proposed Budget: AUD 100,000
Objective: To assess the effectiveness of a package of lifestyle interventions delivered by community health workers, to control non-communicable diseases in rural India
- **Project title:** Health and Gender Support for Cox's Bazar District ([HGS-CXB](#)) – As a consultant
Timeline: Jul 2020- June 2023
Collaborator: The Government of Bangladesh and UNFPA Bangladesh
Donor: World Bank; Proposed Budget: USD 38.8 Million
Objective: To strengthen integrated sexual and reproductive health and rights and gender-based violence prevention and response services and information for the host and the displaced Rohingya population in Cox's Bazar district of Bangladesh
- **Project title:** Assessing the validity of recording coverage indicators of priority facility-based MNCH interventions for use in health management information systems ([EN-BIRTH](#)) - As co-investigator and project manager
Timeline: Jan 2017- Jun 2020
Collaborator: London School of Hygiene and Tropical Medicine, UK
Donor: CIFF; Budget: USD 944,640
Objective: To assess the validity of recording coverage indicators of priority facility-based maternal and newborn interventions for use in health management information systems

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- **Project title:** Designing and implementing an electronic system to capture hypertension, diabetes mellitus, and cancer among high-risk adults in rural Bangladesh- As co-investigator
Timeline: Jul 2018- May 2019
Collaborator: National Non-Communicable Disease Control Program, The Government of Bangladesh
Donor: USAID; Proposed Budget: USD 102,100
Objective: NCD service digitization and development of an electronic data-capturing platform
- **Project title:** Interrupting Pathways to Sepsis Initiative ([IPSI](#)) - As program coach
Timeline: January 2013 -June 2015
Collaborator: University of British Columbia, Canada
Donor: Global Affairs Canada; Budget: USD 632,421
Objectives: To determine the effect of the introduction and implementation of triage and protocolized management of neonatal and childhood syndromic sepsis on the survival of newborns and children under five at sub-district hospitals in Tangail, Bangladesh

PROFESSIONAL DEVELOPMENT

- **Clinical internship, fellowship, and Certificate Courses**
 - Clinical Internship in Medicine, Surgery, Pediatrics, Obstetrics, and Gynecology
November 2010 – November 2011 (1 Year)
Dhaka Medical College Hospital, Dhaka-1000, Bangladesh
 - Fellowship in clinical research and public health
Apr 2016 – Oct 2016
Faculty of Public Health, Khon Kaen University, Khon Kaen, Thailand
<https://ph.kku.ac.th/eng/>
 - Field Trip/ Placement to visit the Headquarters of WHO, UNICEF, Global Fund, UNAIDS, UNHCR
October 10 – 17, 2015
Geneva, Switzerland
- **Conference/ Seminars/ Workshop**
 - Keynote speaker at the 7th [International Conference on Health and Well-Being](#) (ICHWB) 2023 conference that focuses on "Optimizing on Primary Health Care in Developing Countries: Communicable and Non-communicable Diseases Control with The Support of Health Technology. This virtual conference was held on 5-6 December 2023
 - Keynote presenter on a Webinar 'Inpatient Management of Possible Infection among Newborns: EN-BIRTH Multi-Country Study Informing Routine Measurements of Coverage and Quality' hosted by the World Health Organization on May 30, 2019
 - Manuscript writing workshop- EN BIRTH project- in Pokhara, Nepal, from 6-12 Apr 2019
 - International Congress on Diabetes and Metabolism in Seoul, South Korea, from 11-13 Oct 2018
 - International Seminar on 'Adolescent, Sexual and Reproductive Health from 24 to 29 Sep 2018 at School of Public Health, Wolaita Sodo University, Ethiopia
 - Regional Conference of DAAD from 23 to 25 Aug 2018 at New Delhi, India
 - Workshop on 'EN-BIRTH Barriers and Enablers Qualitative Research' from 18 to 26 Jun 2018 at London School of Hygiene & Tropical Medicine (LSHTM), UK
 - International Seminar on 'Global Mental Health' from 17 to 26 Jul 2017 at Institute of Tropical Medicine and International Health Berlin, Germany
 - International Workshop on 'Challenges in Global Health' from 12 to 19 Mar 2017 at Mountains of Moon University, Fort Portal, Uganda

GRANTS, AWARDS AND RECOGNITION

- CHBS Mini Grants (2024) as PI: Use of 'Promoting Active Learning' course techniques offered by the Association of College and University Educators (ACUE) for teaching excellence
- CHBS Mini Grants (2024) as Co-PI: Use of MAXQDA software program for synthesis of computer-assisted qualitative and mixed methods data at JMU.
- Monash Postgraduate Publication Award (2023)
- AD Scientific Index 2022- nominated as top 2% scientists based on total citations [\[Link\]](#)
- Australian Government Research Training Program (RTP) Scholarship in 2019
- Monash International Tuition Scholarship in 2019
- Faculty Postgraduate Excellence Award in 2019
- Recipient of the DAAD Scholarship in 2015 for MSc in International Health in Germany
- DAAD (German Academic Exchange Service) Young Ambassador 2018-19
- Travel Grants from the PAGEL Programme of DAAD to attend multiple conferences/workshops in Ethiopia, Uganda, and Germany in 2017-2018
- Travel Grant awarded by the Korean Diabetic Association for attending the International Congress on Diabetes and Metabolism in Seoul, South Korea, from 11-13 Oct 2018
- 'Medical Registration' from Bangladesh Medical and Dental Council (BMDC) in 2011

LANGUAGES

- Excellent verbal and written communication skills in English and Bengali

PUBLICATIONS

Recent publications Status (as of Jan 17, 2024)

- Published papers: Original/ review articles: 57
 - Publication related to **Global Burden of Diseases (GBD)** collaborator: 47
 - Editorials/short communication/ blog: 11
 - Conference papers: 11
 - [Google Scholar](#): h-index 48 with 50,000+ citations
- **List of original/ review articles**
 1. Anderson R, **Zaman SB**, Jimmy AN, Read JM, Limmer M. [Strengthening quality in sexual, reproductive, maternal, and newborn health systems in low- and middle-income countries through midwives and facility mentoring: an integrative review](#). BMC Pregnancy Childbirth. 2023 Oct 5;23(1):712.
 2. Islam SMS, Uddin R, Das S, Ahmed S, **Zaman SB**, et al. [The burden of diseases and risk factors in Bangladesh, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019](#). Lancet Glob Health. 2023 Dec;11(12):e1931-e1942.
 3. **Zaman SB**, Evans RG, et al. [Morbidity and utilization of healthcare services among people with cardiometabolic disease in three diverse regions of rural India](#). Chronic Illness. 2023 Dec;19(4):873-888.
 4. Anderson R, **Zaman SB**, Limmer M. [The Impact of Introducing Midwives and also Mentoring on the Quality of Sexual, Reproductive, Maternal, Newborn, and Adolescent Health Services](#)

- [in Low- and Middle-Income Countries: An Integrative Review Protocol](#). *Methods Protoc.* 2023 May 5;6(3):48. doi: 10.3390/mps6030048.
5. Anderson R, **Zaman SB**. [Improving the Quality of Maternity Care through the Introduction of Professional Midwives and Mentoring in Selected Sub-District Hospitals in Bangladesh: A Mixed Method Study Protocol](#). *Methods and Protocols*, 2022; 5(5):84
 6. **Zaman SB**, et al. [Usability and acceptability of the software 'Arogya Sahyog' to assess non-communicable diseases in rural India](#). *Health Policy and Technology*, 2022; 100681
 7. Williams A, et al. [What we know and don't know: a mapping review of available evidence, and evidence gaps, on adolescent sexual and reproductive health in Bangladesh](#). *Sex Reprod Health Matters*. 2021;29(2):2083813
 8. **Zaman SB**, et al. [Design and development of a clinical decision support system for community health workers to support early detection and management of NCDs](#). *BMJ Innovations*. 2022;0;1-8
 9. Birhanu MM, **Zaman SB**, et al. [Risk factors for incident cardiovascular events among adults in low- and middle-income countries: A systematic review and meta-analysis of prospective cohort studies](#). *Preventive Medicine*, 2022, 158:107036.
 10. **Zaman SB**, et al. [Exploring Barriers to and Enablers of the Adoption of Information and Communication Technology for the Care of Older Adults With Chronic Diseases: Scoping Review](#). *JMIR Aging* 2022; 5(1): e25251
 11. Islam SMS, **Zaman SB**, et al. [Factors Associated with Chronic Kidney Disease in Patients with Type 2 Diabetes in Bangladesh](#). *Int. J. Environ. Res. Public Health* 2021, 18(23), 12277
 12. Ratan ZA, **Zaman SB**, et al. [Smartphone Addiction and Associated Health Outcomes in Adult Populations: A Systematic Review](#). *Int. J. Environ. Res. Public Health* 2021, 18(22), 12257
 13. **Zaman SB**, et al. [The burden of chronic kidney disease among people with diabetes by insurance schemes: Findings from a primary referral hospital in Thailand](#). *Diabetes Epidemiology and Management*, 2021, 100026
 14. Cromwell EA, et al. [Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning](#). *PLoS Negl Trop Dis*. 2021 Jul 28;15(7):e0008824.
 15. **Zaman SB**, et al. [Chlorhexidine for facility-based umbilical cord care: EN-BIRTH multi-country validation study](#). 2021 Mar 26;21(Suppl 1):239.
 16. Day LT, et al. [Assessment of the validity of the measurement of newborn and maternal health-care coverage in hospitals \(EN-BIRTH\): an observational study](#). *Lancet Glob Health*. 2021 Mar;9(3): e267-e279.
 17. Kong S, et al. [Birthweight: EN-BIRTH multi-country validation study](#). *BMC Pregnancy Childbirth*. 2021 Mar 26;21(Suppl 1):240.
 18. Haidere MF, et al. [COVID-19 Vaccine: Critical Questions with Complicated Answers](#). *Biomol Ther (Seoul)*. 2021 Jan 1;29(1):1-10.
 19. Kc A, et al. [Neonatal resuscitation: EN-BIRTH multi-country validation study](#). *BMC Pregnancy Childbirth*. 2021 Mar 26;21(Suppl 1):235.
 20. Islam SMS, et al. [Healthcare seeking behavior and glycemic control in patients with type 2 diabetes attending a tertiary hospital](#). *Int Journal of Diabetes in Developing Countries*. 2021; 41: 280-87
 21. Khan RK, Siraj MA, Kheya HR, Tabassum M, & **Zaman SB**. [Consumption of sugar sweetened beverages and their health impact on children](#). *Discoveries Reports*. 2021; 4: e17

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22. Salim N, et al. [Kangaroo mother care: EN-BIRTH multi-country validation study](#). BMC Pregnancy Childbirth. 2021 Mar 26;21(Suppl 1):231.
23. Tahsina T, et al. [Immediate newborn care and breastfeeding: EN-BIRTH multi-country validation study](#). 2021 Mar 26;21(Suppl 1):237.
24. Ratan ZA, et al. [Smartphone overuse: A hidden crisis in COVID-19](#). Health Policy Technol. 2021 Mar;10(1):21-22.
25. Shamba D, Zaman SB, et al. [Barriers and enablers to routine register data collection for newborns and mothers: EN-BIRTH multi-country validation study](#). 2021 Mar 26;21(Suppl 1):233.
26. Rahman AE, et al. [Antibiotic use for inpatient newborn care with suspected infection: EN-BIRTH multi-country validation study](#). BMC Pregnancy Childbirth. 2021 Mar 26;21: 229
27. Ruysen H, et al. [Electronic data collection for multi-country, hospital-based, clinical observation of maternal and newborn care: EN-BIRTH study experiences](#). BMC Pregnancy Childbirth. 2021 Mar 26;21(Suppl 1):234.
28. **Zaman SB**, et al. [Feasibility of community health workers using a clinical decision support system to screen and monitor non-communicable diseases in resource-poor settings: study protocol](#). Mhealth. 2021 Jan 20;7: 15
29. Ameen S, et al. [Survey of women's report for 33 maternal and newborn indicators: EN-BIRTH multi-country validation study](#). BMC Pregnancy Childbirth. 2021 Mar 26;21(Suppl 1):238.
30. Ruysen H, et al. [Uterotonics for prevention of postpartum haemorrhage: EN-BIRTH multi-country validation study](#). BMC Pregnancy Childbirth. 2021 Mar 26;21(Suppl 1):230.
31. Peven K, et al. [Stillbirths including intrapartum timing: EN-BIRTH multi-country validation study](#). BMC Pregnancy Childbirth. 2021 Mar 26;21(Suppl 1):226.
32. Day LT, et al. [Labour and delivery ward register data availability, quality, and utility - Every Newborn - birth indicators research tracking in hospitals \(EN-BIRTH\) study baseline analysis in three countries](#). BMC Health Serv Res. 2020;20(1):737.
33. Kibria GMA, et al. [Clustering of hypertension, diabetes and overweight/obesity according to socioeconomic status among Bangladeshi adults](#). J of Biosocial Science. 2020; S0021932020000085.
34. Morshed MS, et al. [Outcomes of surgical management of fracture penis: Experience from a tertiary care hospital in Bangladesh](#). Public Health of Indonesia. 2019;5(4):122-30.
35. Gupta RD, et al. [Factors associated with hypertension among adults in Nepal as per the Joint National Committee 7 and 2017 American College of Cardiology/American Heart Association hypertension guidelines: a cross-sectional analysis of the demographic and health survey 2016](#). BMJ open. 2019;9(8): e030206.
36. Day LT, et al. ["Every Newborn-BIRTH" protocol: observational study validating indicators for coverage and quality of maternal and newborn health care in Bangladesh, Nepal and Tanzania](#). J Glob Health. 2019. 9(1): 010902.
37. Dhabhar J, et al. [Case Report: Unprovoked venous thromboembolism in a young adult male](#). F1000Research. 2019; 8.
38. **Zaman SB**, et al. [Husband's involvement with mother's awareness and knowledge of newborn danger signs in facility-based childbirth settings: a cross-sectional study from rural Bangladesh](#). BMC Res Notes. 2018; 11:286
39. **Zaman SB**, et al. [Plasma triglycerides as a risk factor for chronic kidney disease in type 2](#)

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- [diabetes mellitus: Evidence from northeastern Thailand](#). Diabetes Res Clin Pract. 2018; 238-245
40. Ratan ZA, et al. [CRISPR-Cas9: a promising genetic engineering approach in cancer research](#). Therapeutic Advances in Medical Oncology. 2018; Vol. 10: 1 –15
41. **Zaman SB**, et al. [Associations between Body Mass Index and Chronic Kidney Disease in Type 2 Diabetes Mellitus Patients: Findings from the Northeast of Thailand](#). Diabetes Metab J. 2018; 42(4): 330-337.
42. Dinicolantonio J, et al. [Not Salt But Sugar As Aetiological In Osteoporosis: A Review](#). Missouri Medicine. 2018; 115:3; 247-252.
43. Morshed MS, et al. [Outcome of stage T1 renal cell carcinoma treated with partial nephrectomy: Initial experiences from a teaching hospital in Bangladesh](#). Public Health of Indonesia. 2018; 4(3); 91-99
44. **Zaman SB**. [Detection of Chronic Kidney Disease by Using Different Equations of Glomerular Filtration Rate in Patients with Type 2 Diabetes Mellitus: A Cross-Sectional Analysis](#). Cureus. 2017; 9(6): e1352
45. Rahman AE, et al. [Managing Neonatal and Early Childhood Syndromic Sepsis in Sub-District Hospitals in Resource Poor Settings: Improvement in Quality of Care through Introduction of a Package of Interventions in Rural Bangladesh](#). PloS One. 2017;12(1): e0170267
46. **Zaman SB**, et al. [Factors related to knowledge on newborn danger signs among the recently delivered women in Bangladesh](#). Public Health of Indonesia. 2017;3(2):50-60
47. **Zaman SB**, et al. [A Review on Antibiotic Resistance: Alarm Bells are Ringing](#). Cureus. 2017; 9(6): e1403
48. **Zaman SB**, et al. [Can HbA1c act as a reliable glycemic indicator in patients with diabetic kidney disease: Evidence from Northeast of Thailand?](#) Medical Journal of Indonesia. 2017; 26(2): 102-108
49. Ratan ZA, et al. [Application of Fluorescence In Situ Hybridization \(FISH\) Technique for the Detection of Genetic Aberration in Medical Science](#). Cureus. 2017; 9(6): e1325
50. **Zaman SB**, et al. [The impact of improved cook stove on maternal health in rural Bangladesh: a quasi-experimental study](#). Journal of Medical Research & Innovation. 2017; 1(3): 1-9
51. Kyada P, Jadhav, Biswas T, Mehta V, & **Zaman SB**. [End organ damage in hypertensive geriatric age group: a cross-sectional study](#). Journal of Medical Research & Innovation. 2017; 1(3): 10-16
52. Roy S, Ahmed MU, Uddin BMM, Ratan ZA, Mehta V & **Zaman SB**. [Evaluation of antibiotic susceptibility in wound infections: A pilot study from Bangladesh](#). F1000 Research. 2017; 6:2103.
53. Chowdhury FS, et al. [Access to water and awareness about the unsafe water in rural Bangladesh](#). Journal of Medical Research & Innovation. 2017; 2(1), e000088.
54. Morshed MS, et al. [Effects of varicocelectomy on abnormal semen parameters in patients with clinically palpable varicocele](#). Bangladesh Medical Research Council Bulletin. 2017. 43(2): 94-100
55. Arafat SMY, et al. [Depression in Patients with Spinal Cord Injury: A Cross-sectional observation with PHQ-9 in a tertiary rehabilitation centre of Bangladesh](#). J of Behavioural Health. 2017; 7(2): 38-42
56. **Zaman SB**, Hossain N, Mehta V, et al. [An association of Total Health Expenditure with GDP and](#)

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[Life Expectancy](#). Journal of Medical Research & Innovation. 2017; 1(2): AV7-AV12

57. Zaman SB, et al. [A Review on Antibiotic Resistance: Alarm Bells are Ringing](#). Cureus. 2017 Jun 28;9(6):e1403.

○ Collaboration with Global Burden of Diseases (GBD) Studies

1. GBD 2019 Meningitis Antimicrobial Resistance Collaborators. [Global, regional, and national burden of meningitis and its aetiologies, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019](#). Lancet Neurol. 2023 Aug;22(8):685-711
2. GBD 2021 Diabetes Collaborators. [Global, regional, and national burden of diabetes from 1990 to 2021, with projections of prevalence to 2050: a systematic analysis for the Global Burden of Disease Study 2021](#). Lancet. 2023 Jul 15;402(10397):203-234.
3. GBD 2019 Antimicrobial Resistance Collaborators. [Global mortality associated with 33 bacterial pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019](#). Lancet. 2022 Dec 17;400(10369):2221-2248.
4. European Antimicrobial Resistance Collaborators. [The burden of bacterial antimicrobial resistance in the WHO European region in 2019: a cross-country systematic analysis](#). Lancet Public Health. 2022 Nov;7(11):e897-e913.
5. GBD 2019 Healthcare Access and Quality Collaborators. [Assessing performance of the Healthcare Access and Quality Index, overall and by select age groups, for 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019](#). Lancet Glob Health. 2022 Dec;10(12):e1715-e1743.
6. Local Burden of Disease Household Air Pollution Collaborators. [Mapping development and health effects of cooking with solid fuels in low-income and middle-income countries, 2000-18: a geospatial modelling study](#). Lancet Glob Health. 2022 Oct;10(10):e1395-e1411.
7. GBD 2019 Diabetes and Air Pollution Collaborators. [Estimates, trends, and drivers of the global burden of type 2 diabetes attributable to PM_{2.5} air pollution, 1990-2019: an analysis of data from the Global Burden of Disease Study 2019](#). Lancet Planet Health. 2022 Jul;6(7):e586-e600.
8. GBD 2019 Adolescent Transport and Unintentional Injuries Collaborators. [Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019](#). Lancet Public Health. 2022 Aug;7(8):e657-e669.
9. GBD 2019 Human Resources for Health Collaborators. [Measuring the availability of human resources for health and its relationship to universal health coverage for 204 countries and territories from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019](#). Lancet. 2022 Jun 4;399(10341):2129-2154.
10. GBD 2019 Adolescent Mortality Collaborators. [Global, regional, and national mortality among young people aged 10-24 years, 1950-2019: a systematic analysis for the Global Burden of Disease Study 2019](#). Lancet. 2021 Oct 30;398(10311):1593-1618.
11. Local Burden of Disease Anaemia Collaborators. [Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018](#). Nat Med. 2021 Oct;27(10):1761-1782.
12. GBD 2019 Diabetes Mortality Collaborators. [Diabetes mortality and trends before 25 years of age: an analysis of the Global Burden of Disease Study 2019](#). Lancet Diabetes Endocrinol. 2022 Mar;10(3):177-192. doi: 10.1016/S2213-8587(21)00349-1.

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13. GBD 2019 Ageing Collaborators. [Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study](#). *BMJ*. 2022 Mar 10;376:e068208.
14. GBD 2019 Under-5 Mortality Collaborators. [Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019](#). *Lancet*. 2021 Sep 4;398(10303):870-905.
15. GBD 2019 Stroke Collaborators. [Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019](#). *Lancet Neurol*. 2021 Oct;20(10):795-820.
16. Local Burden of Disease Vaccine Coverage Collaborators. [Mapping routine measles vaccination in low- and middle-income countries](#). *Nature*. 2021 Jan;589(7842):415-419.
17. GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group. [Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update from the GBD 2019 Study](#). *J Am Coll Cardiol*. 2020 Dec 22;76(25):2982-3021.
18. GBD 2019 Diseases and Injuries Collaborators. [Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019](#). *Lancet*. 2020 Oct 17;396(10258):1204-1222.
19. GBD 2019 Demographics Collaborators. [Global age-sex-specific fertility, mortality, healthy life expectancy \(HALE\), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019](#). *Lancet*. 2020 Oct 17;396(10258):1160-1203.
20. GBD 2019 Viewpoint Collaborators. [Five insights from the Global Burden of Disease Study 2019](#). *Lancet*. 2020 Oct 17;396(10258):1135-1159.
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- **List of editorials/ short communication/ blogs**
1. Thapa R, **Zaman SB**, et al. [Community Health Workers for non-communicable diseases: a systematic review and meta-analysis](#). International Journal of Epidemiology, 2021; 50,1
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 3. Ratan ZA, Hosseinzadeh H, Runa NJ, **Zaman SB**, Cho JY. [Is mental health a concern for COVID-19?](#) BMJ Global Health Blog. 2020.
 4. Ratan ZA, Hosseinzadeh H, & **Zaman SB**. [Wuhan Coronavirus: Should we trust social media?](#) BMJ Global Health Blog. 2020.
 5. **Zaman SB**. [Importance of Learning the Public Health Leadership](#). Public Health of Indonesia-YCAB Publisher. 2017; 3(1):1-3
 6. Mehta V, Desai N, Perwez A, Nemade D, Dawoodi S, & **Zaman SB**. [ACE Alzheimer's: The Role of Vitamin A, C, and E in Oxidative Stress-induced Alzheimer's disease](#). Journal of Medical Research & Innovation. 2017; 2 (1):e000086
 7. **Zaman SB**, et al. [Management of Newborn Infection: Knowledge and attitude among health care providers in Bangladesh](#). International Journal of Perceptions in Public Health. 2017; 1(2): 127-132
 8. **Zaman SB**, Hossain N, Ahammed S, & Ahmed Z. [Contexts and Opportunities of e-Health technology in medical care](#). Journal of Medical Research & Innovation. 2017; 1(2): AV1-AV4
 9. **Zaman SB**, Hossain N, Hussain MA, Zhang X. [Antibiotic Resistance: A Tragedy of the Common](#). International Journal of Research Studies. 2017; 1(2):7-9

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10. **Zaman SB**, Hossain N. [Universal Health Coverage: A Burning Need for Developing Countries](#). Journal of Medical Research & Innovation. 2017; 1(1): 18 -20
11. **Zaman SB**, et al. [An exploration of the feasibility of introducing Rota Vaccine into the routine EPI Schedule of Bangladesh](#). Public Health of Indonesia. 2017; 3(1):38-40

○ List of conference papers/ proceedings

1. Khan, et al. A CBPR approach towards road dust mitigation: Results from a pilot study
Conference: 150th Annual Meeting of American Public Health Association (APHA)
Place: Atlanta, Nov 2023
Type of presentation: Poster
2. Khan, et al. Dust in the wind: A rural community's perspective.
Conference: 2023 West Virginia Rural Health Conference
Place: West Virginia, Nov 2023
Type of presentation: Poster
3. Ratan et al. Smartphone addiction and associated health outcomes in adult populations
Conference: Population Health Congress
Place: Adelaide; Sep 2022
Type of presentation: Oral
4. Zaman SB et al. Usability and acceptability of the 'Arogya Sahyog' to assess NCDs in rural India: a mixed-method study.
Conference: World Congress of Epidemiology
Place: Australia, Jan 2022
Type of presentation: Oral (Virtual)
5. Zaman SB et al. Prevalence and determinants of chronic kidney disease among diabetes patients under different health insurance schemes: Study in rural north-eastern Thailand
Conference: American Public Health Association (APHA) [\[Link\]](#)
Place: USA; Oct 2020
Type of presentation: Oral (Virtual)
6. Zaman SB. Prevalence and risk factor of chronic kidney disease among type 2 diabetic patients in north-eastern Thailand
Conference: International Congress on Diabetes and Metabolism
Place: South Korea; Oct 2018
Type of presentation: Oral
7. Gordeev VS et al. Innovative data collection for maternal and newborn health research in low-resource settings: from bedside to population level
Conference: The Global Women's Research Society (GLOW)
Place: University of Cambridge, UK; June 2018
Type of presentation: Poster
8. Langton GRG et al. Stillbirth data quality in labour ward register in Tanzania, Bangladesh, and Nepal (20,075 total births)
Conference: Int Conference on Stillbirth, SIDS and Baby Survival
Place: Glasgow, UK; Jun 2018
Type of presentation: Poster
9. Zaman SB et al. Husband's involvement with mother's awareness and knowledge of newborn danger signs in facility-based childbirth setting

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Conference: 17th International Conference of Public Health Sciences

Place: Bangkok, Jul 2017

Type of presentation: Oral

10. Zaman SB et al. The Impact of Improved Cook Stoves on Maternal Health in rural Bangladesh

Conference: Climate Change on Food Security and Human Health

Place: Daffodil International University, Dhaka, Apr 2017;

Type of presentation: Oral

11. Zaman SB et al. Management of Newborn Infection: Knowledge, attitude, and practice of service providers in Bangladesh

Conference: 16th International Conference of Public Health Sciences

Place: Bangkok, Oct 2016

Type of presentation: Poster

12. Zaman SB et al. Association of Universal Health Care and Glycaemic control among Thai diabetic population

Conference: 16th International Conference of Public Health Sciences

Place: Bangkok, Oct 2016

Type of presentation: Oral

Thank you.