

## **MD TANVIR HASAN**

**Associate Professor and Co-Director of Centre of Excellence for Urban Equity and Health (CUEH) at BRAC James P Grant School of Public Health, BRAC University**

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Dr. Md Tanvir Hasan is currently an Associate Professor and Co-Director of Centre of Excellence for Urban Equity and Health (CUEH) at BRAC James P. Grant School of Public Health (JPGSPH), BRAC University. He has more than 9 years of teaching and research experience. He teaches Biostatistics in the Master of Public Health (MPH) Programme at BRAC JPGSPH, BRAC University. Besides teaching, he is currently leading two research projects as Principal Investigator (PI). One of the projects is a nationwide research focuses on the sexual and reproductive health and rights (SRHR) of persons with disabilities in Bangladesh. Another research focuses on managing impact of COVID-19 in Rohingya refugee camps and host communities with culturally appropriate technological solutions. He also Co-leads one research project that focuses on formative research, operational research, and baseline-endline study of Disrupting Cross Border Trafficking Networks in Bangladesh. His expertise is in advanced statistical analysis, mixed methods research, implementation research and spatial epidemiological research. His research work mainly focuses on maternal and child health and nutrition, social determinants of health and sexual and reproductive health.

## **EDUCATION**

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| 2013-2017 | PhD<br>School of Public Health, Faculty of Medicine, the University of Queensland, Brisbane, Australia                                |
| 2003-2004 | MS in Applied Statistics, Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka, Bangladesh               |
| 1999-2003 | B. Sc. (Honours) in Applied Statistics, Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka, Bangladesh |

## **CURRENT AND PREVIOUS POSITIONS**

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| 2020-present | Associate Professor, BRAC James P Grant School of Public Health (JPGSPH), BRAC University, Dhaka, Bangladesh                   |
| 2017-2020    | Assistant Professor, BRAC JPGSPH, BRAC University, Dhaka, Bangladesh   |
| 2015         | Research Data Analyst, School of Public Health and Social Work, Queensland University of Technology (QUT), Brisbane, Australia |
| 2011-2012    | Lecturer, BRAC JPGSPH, BRAC University, Dhaka, Bangladesh  |
| 2009-2011    | Research Associate, BRAC JPGSPH, BRAC University, Dhaka, Bangladesh  |
| 2008-2009    | Senior Research Assistant, BRAC JPGSPH, BRAC University, Dhaka, Bangladesh   |

## **FELLOWSHIPS AND AWARDS**

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| 2019      | Begum Rokeya Sakhawat Hossain Teaching Excellence Award, JPGSPH, BRAC University, Dhaka, Bangladesh               |
| 2013-2016 | International Postgraduate Research Scholarship (IPRS), the University of Queensland, Brisbane, Australia         |
| 2013-2016 | Australian Postgraduate Award (APA) living stipend scholarship, the University of Queensland, Brisbane, Australia |
| 2003-2004 | University of Dhaka merit scholarship, Dhaka, Bangladesh  |
| 2000-2004 | Institute of Statistical Research and Training (ISRT) merit scholarship, University of Dhaka, Dhaka, Bangladesh   |

## **RESEARCH GRANTS PARTICIPATION**

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| 2020-2023 | Managing impact of COVID-19 in Rohingya refugee camps and host communities |
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- with culturally appropriate technological solutions (CAD 735,100), Principal Investigator, funded by IDRC, Canada.
- 2019-2021 Formative research, operational research, and baseline-endline study of Disrupting Cross Border Trafficking Networks (Bangladesh) project (USD 98,171), Co- Principal Investigator, funded by Children’s Investment Fund Foundation (CIFF).
- 2018-2020 Sexual and reproductive health and rights (SRHR) of persons with disabilities in Bangladesh (EURO 492,936), Principal Investigator, funded by the Dutch Government.
- 2019 Exploring the feasibility of collecting a core set of indicators for monitoring and evaluating sexual, reproductive, maternal, newborn, child and adolescent health services and outcomes in humanitarian settings (USD 15,424), Principal Investigator, funded by World Health Organization (WHO).
- 2018-2019 Feasibility assessment and implementation research for delivering integrated comprehensive SRHR services in Cox’s Bazar Bangladesh (USD 86,579), Co- Principal Investigator, funded by World Health Organization (WHO).
- 2018-2022 Pathways to equitable healthy cities (GBP 374,000), Co-Investigator, funded by Wellcome Trust.
- 2017-2019 Analytical task in support of capacity development in nutrition surveillance and research (USD 75,000), Co- Principal Investigator, funded by World Bank.
- 2018 Baseline research for the BRAC ready-made garments workers well-being project (USD 26,885), Principal Investigator, funded by BRAC.
- 2018 Health care needs and health seeking behaviour among Rohingya refugees in Cox’s Bazar: study in selected camps served by BRAC’s health care facilities (USD 29,411), Co - Principal Investigator, funded by BRAC.
- 2011-2012 The role of drug sellers in the informal medical markets: an exploratory study for effective interventions (USD 135,000 in partnership with icddr, b), Co-Investigator, funded by Research for Development (R4D).
- 2010-2011 Understanding violence against marginalized women in South Asia (EURO 35,000), Co-Investigator, funded by Dutch Government.

### **TEACHING ACTIVITIES**

- 2017-present Course Coordinator and Lecturer, Biostatistics (MPH 521), BRAC JPGSPH, BRAC University, Dhaka, Bangladesh
- 2015-2016 Tutor, Practical Regression Analysis (PUBH 7631) and Introduction to Biostatistics (PUBH 7630), School of Public Health, the University of Queensland, Brisbane, Australia.
- 2011-2012 Lecturer, Biostatistics (MPH 521), BRAC JPGSPH, BRAC University, Dhaka, Bangladesh
- 2009-2010 Teaching Fellow, Biostatistics (MPH 521), BRAC JPGSPH, BRAC University, Dhaka, Bangladesh

### **PROFESSIONAL AFFILIATIONS**

- 2012-present Member, Bangladesh Statistical Association
- 2017-present Applied Statistics Alumni Association, University of Dhaka
- 2017-present The University of Queensland Alumni
- 2012-2013 Member, Health System Global

### **ACADEMIC COMMITTEE**

- 2017- present Member, Academic Committee of MPH Programme, BRAC University
- 2017- 2018 Member, Self-Assessment Committee for the assessment of MPH Programme, BRAC University

## **PUBLICATIONS (JOURNAL ARTICLES)**

**Hasan MT**, Nath SR, Khan NS, Akram O, Gomes T, Rashid SF. Internalized HIV/AIDS related stigma in a sample of HIV positive people in Bangladesh. *Journal of Health Population and Nutrition* 2012; 30(1): 22-30.

Htike W, Islam MA, **Hasan MT**, Ferdous S, & Rifat M. Factors associated with treatment delay among tuberculosis patients referred from a tertiary hospital in Dhaka city: a cross-sectional study. *Public Health Action* 2013; 3(4): 317-322.

**Hasan MT**, Muhaddes T, Camellia S, Selim N, Rashid SF. Prevalence and experiences of intimate partner violence against women with disabilities in Bangladesh: Results of an explanatory sequential mixed method study. *Journal of Interpersonal Violence* 2014; 29(17): 3105-3126.

Das J, Das SK, **Hasan MT**, Ahmed S, Ferdous F, Begum R, Chisti MJ, Malek MA, Mamun AA, Faruque ASG. Childhood malnutrition in households with contemporary siblings: a scenario from urban Bangladesh. *European Journal of Clinical Nutrition* 2015; 69(10): 1178-1179.

**Hasan MT**, Soares Magalhães RJ, Williams GM, Mamun AA. Forecasting the progress towards the target of Millennium Development Goal 1C in children under 5 years of age in Bangladesh. *Public Health Nutrition* 2015; 18(10):1728-1736.

**Hasan MT**, Soares Magalhães RJ, Williams GM, Mamun AA. The role of maternal education in the 15-year trajectory of malnutrition in children under 5 years of age in Bangladesh. *Maternal and Child Nutrition* 2016; 12(4):929-939.

**Hasan MT**, Soares Magalhães RJ, Williams GM, Mamun AA. Long term changes in childhood malnutrition is associated with long term changes in maternal body mass index: evidence from Bangladesh, 1996-2011. *American Journal of Clinical Nutrition* 2016; 104(4):1121-1127.

Hoque ME, **Hasan MT**, Rahman M, Long KZ, Mamun AA. Double burden of underweight and overweight among Bangladeshi adults differs between men and women: evidence from a nationally representative survey. *Public Health Nutrition* 2017; 20(12):2183-2190.

**Hasan MT**, Mamun AA, Williams GM, Soares Magalhães RJ. Spatiotemporal heterogeneity of malnutrition indicators in children under 5 years of age in Bangladesh, 1999–2011. *Public Health Nutrition* 2018; 21(5):857-867.

Ahmed R, Farnaz N, Aktar B, Hassan R, Shafique SB, Ray P, Awal A, Rahman A, Urbaniak V, Kobeissi LH, Rosie J, Say L, **Hasan MT**, Quayyum Z, Rashid SF. Situation analysis for delivering integrated comprehensive sexual and reproductive health services in humanitarian crisis condition for Rohingya refugees in Cox's Bazar, Bangladesh: protocol for a mixed methods study. *BMJ Open* 2019; 9:e028340.

Aktar B, Ahmed R, Hassan R, Farnaz N, Ray P, Awal A, Shafique SB, **Hasan MT**, Quayyum Z, Babaeva M, Kobeissi L, Tahir KE, Chawla S, Rashid SF. Methods applied for collecting information on sensitive sexual and reproductive health (SRH) topic in a complex ecosystem of forced displacement: Case study on a mixed-method research conducted in the refugee camps of Cox's Bazar, Bangladesh. *International Journal of Information, Diversity, & Inclusion (IJIDI)* 2020 (in press).

## **PUBLICATIONS (BOOK CHAPTER, RESEARCH BRIEF AND REPORTS)**

**Hasan MT**, Khan NS, Akram O, Mahmud I, Lee E, Rashid SF, Nath SR. People Living with HIV Stigma Index Study in Bangladesh. UNAIDS, 2010.

Rashid SF, **Hasan MT**, Camellia S, Muhaddes T, Selim N. Bangladesh Country Report In: Dutta D, Weston M, Bhattacharji J, Mukherji S, Kurien S eds. Count me IN! Research Report on Violence against Disabled, Lesbian and Sex- Working Women in Bangladesh, India and Nepal. CREA, 2012.

Aktar B, Ahmed R, **Hasan MT**, Quayyum Z, Rashid SF. Reproductive Health Care in Rohingya Refugee Camps in Humanitarian Crisis in Rohingya Camps: A Health Perspective. Bangladesh Health Watch (2018-2019).

Mridha MK, Hossain M, **Hasan MT**, Sutradhar I, Kamal SNB, Khan A, Ahmed NU, Khondker R, Mustaphi P, Chowdhury IA, Adams AM and Hyder Z. Investing in Adolescent Girls' Nutrition in

Bangladesh: A Situation Analysis of Trends and ways forward. Health, Nutrition and Population Discussion Paper. World Bank, 2019.

**Hasan MT**, Chowdhury MW, Amin A, Rashid SF, Rabbani, A. Gender based perception and differentials of COVID-19: Findings from Rapid Surveys. BRAC JPGSPH, BRAC University 2020.