

## **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 nearly 10 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) and one as Co-PI. One of the projects he leads focuses on managing impact of COVID-19 in Rohingya refugee camps and host communities with culturally appropriate technological solutions. Another one is a mixed-methods evaluation research that aims at examining the effectiveness and cost-effectiveness of a biometrically enabled mHealth system to improve maternal and child health outcomes in 36 districts of Bangladesh. His expertise is in advanced statistical analysis, mixed methods research, evaluation research and spatial epidemiological research. His research work focuses on maternal and child health and nutrition, sexual and reproductive health and rights of persons with disabilities, informal providers in health care delivery, health and well-being of ready-made garments workers and stigma and discrimination against people living with HIV/AIDS.

## **EDUCATION**

2013-2017	PhD 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**

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**

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**

- 2020-2023 Managing impact of COVID-19 in Rohingya refugee camps and host communities 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).
- 2019-2021 A mixed-methods cluster randomized controlled trail of biometrically enabled mHealth system of BRAC community health programme (USD 52,423), Principal Investigator, funded by BRAC HNPP through Grand Challenges Canada.
- 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.
- 2020 A baseline Study of the current situation of women and girls with disabilities (WGWDs) facing violence in selected areas of Bangladesh (USD 35,868.72), Principal Investigator, funded by Asian-Pacific Resource and Research Centre for Women (ARROW).
- 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)

- Amin A, Das AS, Kaiser A, Azmi, R Rashid, SF, **Hasan MT**. Documenting the challenges of conducting research on sexual and reproductive health and rights (SRHR) of persons with disabilities in a low-and-middle income country setting: lessons from Bangladesh. *BMJ Global Health* 2020; 5: e002904. Doi: 10.1136/bmjgh-2020-002904.
- Ahmed R, Aktar B, Farnaz N, Ray P, Awal A, Hassan R, Shafique SB, **Hasan MT**, Quayyum Z, Jafarovna MB, Kobeissi LH, Tahir KE, Chawla BS, Rashid SF. Challenges and strategies in conducting sexual and reproductive health research among Rohingya refugees in Cox's Bazar, Bangladesh. *Conflict & Health* 2020; 14(83). <https://doi.org/10.1186/s13031-020-00329-2>.
- 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. Ethics and methods for collecting sensitive data: examining sexual and reproductive health needs of and services for Rohingya refugees at Cox's Bazar, Bangladesh. *International Journal of Information, Diversity, & Inclusion (IJIDI)* 2020; 4(2). DOI:10.33137/ijidi.v4i2.33150.
- 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.
- **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.
- 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**, 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.
- **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. 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.
- 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**, 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.

- 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**, Khan NS, Akram O, Gomes T, Rashid SF. Experiences of discrimination among people living with HIV/AIDS in Bangladesh. *Asia Journal of Public Health* 2012; 3(2): 44-52.
- **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.

#### **PUBLICATIONS (BOOK CHAPTER & RESEARCH REPORTS)**

- 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.
- 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).
- 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.
- **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.

#### **PUBLICATIONS (RESEARCH AND POLICY BRIEFS)**

- **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.
- Das AS, Bonny FA, **Hasan MT** and Rashid SF. Livelihood, food security and well-being of persons with disabilities in Bangladesh during the COVID-19 Pandemic. BRAC JPGSPH, BRAC University 2020.
- Kaiser A, Ahmed AI, Sultana S, Das AS, Mohsin AB, Hasan T, **Hasan MT**. Inclusive health services for persons with disabilities in Bangladesh: challenges and prospects. BRAC JPGSPH, BRAC University 2021.
- Bonny FA, Das AS, Sultana S, Ahmed A, Mohsin AB, **Hasan MT**. Current situation of SRHR of persons with disabilities in Bangladesh in the context of SDGs and UNCRPD. BRAC JPGSPH, BRAC University 2021.