

# Résumé of Md Arif Billah

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Pabna, Rajshahi, Bangladesh



## Objectives

To develop a career in the research sector in health psychology, demography and public health related to infectious diseases and susceptible populations as well as in voluntary organization where I can utilize my institutional as well as practical knowledge efficiently and also utilize my interpersonal, organizing and data analytical skills to support and to fulfil the goals. I want to see my career where my creativity, honesty and hard work will be appreciated properly. I am looking for a career that is both challenging and reward.

## Educational qualifications

### **2019-2021 M.Sc. in Social Work & Counselling (pursuing)**

ID no. P4133                      Session: 2019-2020                      Program structure: Research on Health psychology  
Result: Pursuing                      Universiti Malaysia Terengganu, Kuala Terengganu-21030

### **2017-2018 M.Sc. in Population Science**

ID no. 12085710                      Course Duration: One year                      Session: 2011-2012  
Examination Year: 2016                      Passing Year: 2018                      Result: GPA- 3.58 out of 4.00 (with thesis)  
University of Rajshahi, Rajshahi-6205

### **2012-2016 B.Sc. in Population Science**

ID no. 12085710                      Course Duration: Four year                      Session: 2011-2012  
Examination Year: 2015                      Passing Year: 2017                      Result: CGPA- 3.36 out of 4.00  
University of Rajshahi, Rajshahi-6205

### **2010-2011 H.S.C. in Science**

Roll No. 110616                      Session: 2009-10                      Examination Year: 2011                      Passing Year: 2011  
Result: GPA- 5.00 out of 5.00                      Shahjadpur Govt. College, Shahjadpur, Sirajganj.

### **2008- 2009 S.S.C. in Science**

Roll No. 117976                      Session: 2007-08                      Examination Year: 2009                      Passing Year: 2009  
Result: GPA- 5.00 out of 5.00                      Shahjadpur Pilot High School, Shahjadpur, Sirajganj

## Studied

General and advanced statistics (including Bio-statistics), Research Methodology, Epidemiology and Public Health, Health and Nutrition, Reproductive Health, Demography (including Marriage and Family, Population Theory, Mathematical demography and Demographic Models), Life time data analysis, Environment and Sustainable Development, Introductory Psychology, Group counselling, Multicultural counselling, Theories of Psychology and Counselling, Introductory Cognitive Behaviour Therapy.

## Research works

### Publications

**Billah, M. A.**, & Hossain, M. A. (2020). A literature based on entry and development of human immunodeficiency virus (HIV) into the human host. *International Journal of Scientific Report*, 6(6), 226-32

**Billah, M. A.**, Miah, M. M., & Khan, M. N. (2020). Reproductive Number of Coronavirus: A Systematic Review and Meta-Analysis based on global level evidence. *PLoS ONE* 15 (11): e0242128. doi: 10.1371/journal.pone.0242128

Haque, M.N., **Billah, M. A.**, Hossain, M. K., & Hossen, M. S. (2021). Gender differential in active ageing level: the case of older persons in a setting of Bangladesh. *IOSR Journal of Humanities and Social Sciences*, 26(1), 14-23

Ismail, M. R. S., Fuad, A. F. A., Said, M. H., **Billah, M. A.**, & Ahmed, T. (2021). Factors affecting the stress level among the Asian seafarers. *International Journal of Scientific & Technology Research*, 10(1), 49-53. Available from- <https://www.ijstr.org/final-print/jan2021/Factors-Affecting-The-Stress-Level-Among-The-Asian-Sea-farers.pdf>

Bakebillah, M., **Billah, M.A.**, Wubishet, B.L., & Khan, M.N. (preprint 2021). Community's misconception about COVID-19 and its associated factors: Evidence from a cross-sectional study in Bangladesh. *PLoS One*. <https://doi.org/10.1101/2021.04.12.21254829>

Marzo, R.R., Ahmad, A., Islam, M.S., Essar, M.Y., Heidler, P., King, I., Thiyagarajan, A., Jermsittiparsert, K., Younus, D.A., El-Abasiri, R.A., Bicer, B.K., Pham, N.T., Respati, T., Fitriyana, S., Faller, E.M., Baldonado, A.M., **Billah, M.A.**, Aung, Y., Hassan, S.M., Asad, M.M., El-Fass, K.A., Bhattacharya, S, Shrestha, S., Elsayed, N.A., Head, M., & Yi, S. (2022). Perceived COVID-19 vaccine effectiveness, acceptance, and drivers of vaccination decision-making among the general adult population: a global survey of 20 countries. *PLOS Neglected Tropical Diseases*. (accepted)

Mat Min, R., **Billah, M. A.**, Hossain, M. M., & Akhtar, S. (accepted 2021) A systematic review of the knowledge, attitudes and practices (KAP) of people living with HIV/AIDS (PLWHA). *Malaysian Journal of Medicine and Health Sciences*. (accepted)

Hossain, M. M., Billah, M. A., & Mat Min, R. (submitted in 2021). Knowledge, Attitudes, and Practices on Quality of Life among the People Living with HIV and AIDS in Malaysia: A Methodological Discussion. *Teikyo Medical Journal* (accepted).

Hossain, M. M., **Billah, M. A.**, & Mat Min, R. (submitted in 2021). Student's suicide during COVID-19: Analysis of five case studies in Bangladesh. *Teikyo Medical Journal* (accepted).

**Billah, M. A.**, & Hossain, M. M. (submitted in 2021). Case study on Necrophilia in Bangladesh: a psychoanalytic evaluation. *Teikyo Medical Journal* (accepted).

### Submitted article(s)

Hossain, M. M., **Billah, M. A.**, Akhtar, S. & Mat Min, R. (submitted in 2021). Trends and determinants of underweight and overweight among ever-married women in Bangladesh. *PLoS One* (under review)

Rahman, M. M., Alam, M. R., & **Billah, M. A.** (Submitted in 2020) Determinants of using emergency contraceptive pill in Bangladesh: An analysis of national survey data. *Asian Pacific Journal of Reproduction* (under review)

Rahman, M.M., Islam, M.S., & **Billah, M. A.** (Submitted in 2020). Early impact of COVID-19 pandemic on childbearing plan in Bangladesh. *Biodemography and Social Biology* (Under review)

Rahman, M. M., **Billah, M. A.**, and Liebergreen, N. (submitted in 2021). Exploring spatial variations in level and predictors of unskilled birth attendant delivery in Bangladesh using spatial analysis techniques: Findings from nationally representative survey data. *Applied Geography* (under review).

Hossain, M. M., **Billah, M. A.**, & Mat Min, R. (submitted in 2021). Factors regarding fertility desire affecting HIV/AIDS knowledge among the ever-married women in Bangladesh: A comprehensive analysis. *PLoS One* (submitted)

**Billah, M. A.**, Akhtar, S., & Hossain, M. M. The Level of Appreciation and Satisfaction on Online Classes during COVID-19 in Bangladeshi Higher institutions. *Quality & Quantity* (submitted)

**Billah, M. A.**, Hossain, M. M., Risk factors of Child Vaccination Disruption across the world during the early COVID-19: A cross-sectional comparative approach. *International Journal of Public Health Science* (submitted)

### Under processing

**Billah, M. A.**, Hossain, M. M., & Mat Min, R. How knowledge, attitude and practice of HIV/AIDS can be interlinked: A cross-sectional study of HIV/AIDS affected patients in Malaysia (processing)

**Billah, M. A.**, Hossain, M. M., & Mat Min, R. Psychometric evaluation of Knowledge, Attitude and Practice (KAP) questionnaire for HIV/AIDS patients. (processing)

**Billah, M. A.**, Hossain, M. M., & Mat Min, R. Risk factors of the Quality of Life of Malaysian HIV/AIDS patients. (processing).

Akhtar, S., and **Billah, M. A.** Severe Pneumonitis and Post COVID-19 syndrome: A case study from Bangladesh

**Billah, M. A.**, Akhtar, S. Perceived loneliness and trust issues (interpersonal and institutional trust) can reshape the perceived stress of expatriates: a structural equation modelling approach.

### Currently working as the

1. Co-author of four systematic reviews and meta-analyses about
  - *Effects of short birth interval on adverse child outcome,*
  - *Impact of psychosocial factors on panic buying,*
  - *Effects of SMS intervention on self-care activities of Type-2 diabetes patients*
  - *Challenges and issues of HIV patients in counselling during treatment and medication*
2. Two multi-country collaborative research works with lead investigator Roy Millerazo about
  - COVID-19 vaccine hesitancy
  - quality of life of older people during COVID-19.
3. Reviewer in
  - PLoS One
  - SSM- Population Health
  - BMC Public Health
4. Research Profile in
  - **Scopus** (ID: 57219920695)
  - **Orcid** (ID: 0000-0002-0235-5935)
  - **Publons** (ID: AAR-2267-2021)

## Training & Workshops

### **2021 Tropical Biology Summer School Series (1 certificate course)**

**Insect biology, insect-borne diseases and their impact on human (5 days)**

(Bandung Institute of Technology, Bandung, Indonesia)

### **2021 Global Public Health Research Foundation (2 certificate courses)**

**Epidemiology and Public Health with STATA (5 days),**

**Systematic Review and Meta-Analysis (3 days)**

(Uttara, Dhaka, Bangladesh)

### **2020 Researcher Academy (6 certificates courses from Elsevier Publication)**

- Editor's Guide to Write a Review Article
- Fundamentals of Manuscript Preparation
- How to Prepare your Manuscript
- How to turn Thesis into an Article
- Using Proper Manuscript Language
- How to write a Persuasive Cover Letter

### **2019 Kaya Organization and Humanitarian Leadership Academy (7 certificate courses)**

- Collecting Data for the Inclusion of Persons with Disabilities in Humanitarian Actions (by Humanity & Inclusion)
- A Practical Guide to Market Analysis (by International Rescue Community and Cash Learning Partnership)
- MEAL DPro: Monitoring, Evaluation, Accountability and Learning (by Humanitarian Leadership Academy, Humentum and Catholic Relief Services)
- Country of Origin Information (by UNHCR)
- Public Health (by UNHCR)
- Introduction to Nutrition (by UNICEF)
- Psychosocial support programming ( by UNICEF)

### **2017 Leverage ICT program**

**Basic soft skills and Web Design and Web Development (300 hours)**

Funded by Govt. and World Bank

(University of Rajshahi, Rajshahi, Bangladesh)

### **2017 iDE Bangladesh as Data Enumerator**

(Rajshahi, Bangladesh)

### **2016 iDE Bangladesh as Data Enumerator**

(Bogra, Bangladesh)

### **2016 Department of Population Science and Human Resource Development**

**Data Management and Statistical Analysis using STATA (10 days)**

(University of Rajshahi, Rajshahi)

### **2016 Department of Statistics (1 Certificate course)**

**Statistical Computing Certificate Course on MS-Excel and SPSS (3 months)**

(University of Rajshahi, Rajshahi)

## Experiences

### Academic experiences

Project Title	Date and Duration
<b>"CREATIVE EDUCATION SYSTEM OF BANGLADESH: A CROSS-SECTIONAL STUDY IN THE FIVE DISTRICTS OF RAJSHAHI DIVISION"</b> Supervisor: Ahmed Zohirul Islam	1 <sup>st</sup> March to 2 <sup>nd</sup> May 2016 <i>(Fourth year Project)</i> Duration: 3 months
<b>"Differentials in Level of Active Ageing: A Study on Older Persons at Rajshahi City in Bangladesh"</b> Supervisor: Dr Md Nuruzzaman Haque	17 <sup>th</sup> November 2017 to 30 <sup>th</sup> May 2018 <i>(Master's Thesis)</i> Duration: 6 months
<b>"Knowledge, attitude and practice on Quality of Life of HIV/AIDS patients in Malaysia: A Cross-sectional study"</b> Supervisor: Dr Md Mosharaf Hossain and Prof Ruhani Mat Min	On-going since 01 <sup>st</sup> September

### Additional academic research experiences (43 months)

Project Title	Date and Duration
<b>Modelling Knowledge, Attitude and Practices of HIV/AIDS patients in Malaysia using Counselling Intervention through SMS</b> <ol style="list-style-type: none"> <li>1. Dr Md Mosharaf Hossain (Lead investigator)</li> <li>2. Prof. Dr Ruhani Mat Min (Co-investigator)</li> <li>3. Dr Zikri bin Muhammad (Co-investigator)</li> <li>4. Prof. Dr Kulanthayan KC Mani (Co-investigator)</li> <li>5. Md Arif Billah (Research Assistant)</li> </ol>	01 <sup>st</sup> October 2019 to 31 <sup>st</sup> October 2021 Funded by Ministry of Health, Malaysia Conducted in Faculty of Business, Economic and Social Development, Universiti Malaysia Terengganu <b>Duration: 24 months</b>
<b>The Effect of Health Factors on Female Infertility Among Married Women in Rajshahi Division in Bangladesh</b> Researcher: Sumaya Sanvi Supervisor: Dr Md Nazrul Islam Mondal	23 <sup>rd</sup> February to 15 <sup>th</sup> April 2017 Assisted in Analysis and Interpretation <b>Duration: 2 months</b>
<b>Social Work Education of Public Universities in Bangladesh: A Study on Field Work Training</b> Researcher: Dr Md Golam Wahab Supervisor: Dr Shahidur Rahman Chaudhury	1 <sup>st</sup> April 2019 to 30 <sup>th</sup> September 2019 Assisted in Survey, FGDs, Data recording and analysis. <b>Duration: 5 months</b>
<b>Problems and Opportunities of Education for the People Living in the Polder Areas in Bangladesh: A Study on Rajshahi District</b> Researcher: Dr Sazzad Hossain Supervisor: Dr Shahidur Rahman Chaudhury	4 <sup>th</sup> June 2018 to 30 <sup>th</sup> September 2018 Assisted in conducting the survey, FGDs, Data curation and Analysis <b>Duration: 3 months</b>
<b>Efficacy of Local Government and the State of Capacity Level of Union Parishad Members</b> Researcher: Mst. Irin Parvin Supervisor: Dr Shahidur Rahman Chaudhury	1 <sup>st</sup> April 2019 to 30 <sup>th</sup> November 2019 Assisted in Proposal writing, Questionnaire development, Survey, Data recording and analysis. <b>Duration: 7 months</b>
<b>Problem and Prospects of Vocational Education: An empirical study in Rajshahi Division</b> Researcher: Dr Shahadat Hossain Supervisor: Dr Nazrul Islam Mondal	10 <sup>th</sup> May 2017 to 10 <sup>th</sup> July 2017 Assisted in Data collection <b>Duration: 2 month</b>

### Assisted in Supervision and guided

- 4 students of the Department of Psychology, University of Rajshahi in **Statistical Analysis and Documentation** on their thesis for 6 months (Jan 2018- June 2018).
- 6 students of the Department of Nautical Science, Universiti Malaysia Terengganu in **Research Methodology, Statistical Analysis with SPSS and Documentation** for 6 months (May 2021- October 2021).

### Organizational research experiences (5 months)

Post and Duration	Organization and Project	Roles and Responsibilities
Data enumerator (2 months)	iDE Bangladesh SanMarks Project Under the supervision of Molla Sabiha Sultana (Project team leader) and Dr Babulal Roy (District Coordinator)	Attend training and field testing Enumerate data within assigned area Build rapport with stakeholders Participate in the debriefing session Keep updated to field team leader
Research Assistant (3 months)	Transparency International Bangladesh MP Block Allocation Supervisor: Ms. Juliet Rossette (Programme manager- Research & Policy)	Frequent field visits Report to Programme manager Build rapport with the stakeholders and respondents

- **Chairman of Vaccination Program** (2016-17), Rotaract Club of Rajshahi University, Rajshahi.
- **Editor** (2016-17), Rotaract Club of Rajshahi University, Rajshahi
- **Chief-Sgt-at-Arms** (2015-16), Rotaract Club of Rajshahi University, Rajshahi.
- **Coordinator of Event Management** (2015-16), Space & Environment Research Center, Rajshahi.

### Research Interest

Interested in

- **Epidemiology and Public health (Social gerontology, Infectious disease, Chronic disease and Reproductive health)**
- **Health and behavioral psychology**
- **Demography (Social demography, mathematical theory of demography)**
- **Susceptible or vulnerable population**
- Education research (Education for all, Education for ethnic group and disable people).

### Skills

- ▶ Data collection techniques in social and behavioral research.
- ▶ Statistical analysis of both descriptive and analytical processes (basic and advanced statistical models, psychometric analysis, structural equation modelling, meta-analysis)
- ▶ Expert in statistical software STATA, SPSS, AMOS, RevMan, and R for statistical analysis.
- ▶ Familiar with QGIS, ArcGIS, and R-geospatial analysis.

- ▶ Data management, analysis, reporting and systematic documentation.
- ▶ Advanced computer skills and MS Office (specifically Word, Excel, PowerPoint).
- ▶ Expert in Zotero and Mendeley bibliographic software and management.
- ▶ Systematic review (Rayyan QCRI, COVIDENCE) and meta-analysis in public health.
- ▶ Web Designing and developing (HTML, CSS, JavaScript).

## **Strengths**

- ▶ Read, Write and Speak fluently in Bangla and English.
- ▶ Friendly with teamwork and passionate about research related works.
- ▶ Well in stress management with limiting resources.

## **References**

### **Prof. Dr Ruhani Mat Min**

(Senior Lecturer and former Faculty Dean)

Faculty of Business, Economics and Social Development

Universiti Malaysia Terengganu

Email: *ruhani@umt.edu.my*

### **Dr Md. Nuruzzaman Haque**

(Professor)

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### **Ahmed Zohirul Islam**

(Assistant Professor)

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