Curriculum Vitae
Md. Mozaffar Hosain

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Educational Qualifications

- **M.S. in Statistics (Thesis Group)**

    Result: First Class (4th Position out of 16 Students)
    Year: 2008
    Thesis Dissertation: "Women's Participation in Development Organizations, Empowerment and Reproductive Behaviour in Bangladesh"
    Supervisor: Dr. M. Mazharul Islam
    Institution: Department of Statistics, University of Dhaka, Bangladesh

- **B.Sc. (Honours) in Statistics**

    Result: First Class (6th Position out of 62 Students)
    Year: 2006
    Institution: Department of Statistics, University of Dhaka, Bangladesh

Research Interests
Statistical Modeling, Longitudinal data analysis, Survival analysis, Demography

Professional Experiences

- Assistant Professor, Department of Statistics, Jagannath University, Dhaka, Bangladesh. **From 26 April 2012 to present.**

- Lecturer, Department of Statistics, Jagannath University, Dhaka, Bangladesh. **From 15 October 2008 to 25 April 2012.**

- Part time faculty, Department of Mathematics and Natural Science, BRAC University, Dhaka, Bangladesh. **From January 2009 to April 2009.**

- Research Assistant at Org- Quest Research Limited, Address: Unique Trade Center (UTC), Level-6, 8 Panthapath, Dhaka, Bangladesh. F**rom May 2008 to September 2008.**

Courses Taught

Graduate level: Advanced Statistical Inference, Advanced Biostatistics, Advanced Multivariate Analysis, Generalized Linier Model.

Undergraduate Level: Regression Analysis, Statistical Inference, Biostatistics, Multivariate Analysis, Mathematical Statistics, Probability Theory, Linear Algebra, Advanced Calculus, Statistical Computing using R, SPSS, FORTRAN.

Research Project

Working as a Co-Investigator with Professor Dr. Md. Sheikh Giash Uddin on a Research project titled "Study on Effectiveness of Adolescent Reproductive Health Service on Reducing Incidence of Early Marriage and Pregnancy".

Funded by the Ministry of Education, Government of the People's Republic of Bangladesh (From July 2016 to present).

Multinomial Logistic Model, Bivariate Bernoulli Model and Multilevel Model are used to the data.

Publications

- Md. Sheikh Giash Uddin, **Md. Mozaffar Hosain** (2018). Trends and Determinants of Obesity among Women of Reproductive Age in Bangladesh 2004-2014: A Multivariate Decomposition Analysis. *South Asian Journal of Population and Health*, 11(1&2): 1-13.
- Md. Sheikh Giash Uddin, **Md. Mozaffar Hosain (2013).** Factors Affecting Marital Instability and Its Impact on Fertility in Bangladesh. *ASA University Review*, 7(2): 35-41.
- Md. Sheikh Giash Uddin, **Md. Mozaffar Hosain** (2011)**.** Factors Associated with Child Health in Urban Areas of Bangladesh. *The Bangladesh Journal of Scientific Research,* 24(2): 145-154.
- Muhammad Tareq, **Md. Mozaffar Hosain** (2020). Factors Affecting Employment Creation by Rural Micro Enterprises in Bangladesh (will be submitted soon).

Master's Thesis Supervision

I worked as a co-supervisor for Master's Thesis in Statistics of two students at Jagannath University, Dhaka, Bangladesh. They worked on Child Nutrition based on the "Bangladesh Demographic and Health Survey (BDHS)" data. Multiple regression analysis (based on a hierarchical approach) and Logistic regression model were used. List of the students along with their thesis topics is given below:

- **Samorita Das** (2018), **Thesis Title:** Unintended Birth and Its Effect on Child Nutrition in Bangladesh.
- **Shanjida Akter** (2017), **Thesis Title:** Factors Affecting Nutritional Status of Under-Five Children: A Comparative Study between Rural and Urban Areas of Bangladesh.

Computer Skills

 Microsoft Office, R, SPSS, STATA, MLWiN, SAS, Minitab, Eviews, S-PLUS, FORTRAN

Language Proficiency

Bengali (Native), English

References

1. **Professor Dr. Md. Sheikh Giash Uddin**
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   Department of Statistics
   Jagannath University
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   Email: giash16@gmail.com
   Phone: +8801712279269

2. **Professor Dr. Taslim Sazzad Mallick**

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Md. Mozaffar Hosain
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