

# Kazi Tanvir Hasan

PHD GRADUATE ASSISTANT

Florida International University

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## Education

### Department of Biostatistics, Florida International University

PHD IN PUBLIC HEALTH

- Miami, FL, USA

Biostatistics and Data Analytics

2021-

### Department of Mathematics, Illinois State University

MASTER IN MATHEMATICS

- Normal, IL, USA

Applied Statistics

2020

### Department of Statistics, University of Dhaka

BACHELOR OF SCIENCE (HONS)

- Dhaka, Bangladesh

Statistics

2017

## Research Experience

### Graduate Assistant

DEPARTMENT OF BIostatISTICS

- - Work on research projects under faculty supervision
  - conducting literature reviews, collecting and analyzing data, and preparing research reports or papers.

Florida International University

August 2021 - Present

### Research Assistant

DEPARTMENT OF DISASTER SCIENCE AND CLIMATE RESILIENCE

- - Data collection, data cleaning and visualizations
  - Statistical data analysis for reports and scientific manuscripts

University of Dhaka

January 2021 - July 2021

### Undergraduate Research Assistant

DEPARTMENT OF STATISTICS

- - Data collection, data cleaning and visualizations
  - Statistical data analysis for reports and scientific manuscripts

University of Dhaka

January 2016 - December 2016

## Teaching Experience

### Instructor Assistant

THE RESEARCH CENTERS IN MINORITY INSTITUTIONS (RCMI) CONSORTIUM

- A 10-week national series to the R Programming language, using a modified version of the R for Reproducible Scientific Analysis Data Carpentry curriculum

Morehouse School of Medicine

February 2023 - May 2023

### Teaching Assistant

DEPARTMENT OF BIostatISTICS

- - Prepare a class for Introduction to Bayesian Analysis (PHC6084)
  - Lead discussion sections, hold office hours, develop course materials, and assist with course logistics

Florida International University

August 2021 - Present

### Graduate Teaching Assistant

DEPARTMENT OF MATHEMATICS

- - Lead discussion sections, tutorials, or lab sections
  - Schedule and maintain regular office hours to meet with students
  - Prepare or proctor examinations
  - Meet with supervisors to discuss students' grades or to complete required grade related paperwork

Illinois State University

August 2018 - May 2020

## Skills

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<b>Software</b>	Excel, SPSS
<b>Programming Languages</b>	R, SAS
<b>Reproducible Report</b>	Quarto, Markdown/Rmarkdown, LaTeX
<b>DevOps</b>	Git, GitHub
<b>Languages</b>	Bangla, English

## Publications

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### MANUSCRIPT

1. Hasan, K. T., & Akman, O. (2021). Mortality modeling under stochastic frailty. *Missouri Journal of Mathematical Sciences*, 33(1). <https://doi.org/10.35834/2021/3301105>
2. Ahamed, H., Hasan, K. T., Islam, Md. T., & Galib, F. C. (2020). Lockdown policy dilemma: COVID-19 pandemic versus economy and mental health. *Journal of Biomedical Analytics*, 3(2), 37–58. <https://doi.org/10.30577/jba.v3i2.60>

### SUBMITTED/IN REVISION/IN PRESS

1. Boubakari Ibrahimou, S. B., Kazi Tanvir Hasan. (n.d.). A bayesian kernel machine regression approach to assessing the effect of heavy metal mixtures on the risk of heart attack. *Journal of Environmental and Public Health*.

### CONFERENCE PRESENTATIONS

1. Kazi TH, S. B., Boubakari I. (2022). *A bayesian kernel machine regression approach to assessing the effect of heavy metal mixtures in blood and urine on the risk of heart attack*. <https://doi.org/10.35834/2021/2F3301105>
2. Hasan, K. T. (2020). *Infectious disease mortality prediction: Vol. Mathematics. Mathematics*(1). <https://ir.library.illinoisstate.edu/ursmat/1>

## Honors and grants

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### SGA Graduate Scholarship

Florida International University  
2022

- Awarded for academic excellence

### GPSC Travel Grant

Florida International University  
2022

- Awarded to attend conference

### Bangladesh Sweden Trust Fund Schlorship

Ministry of Finance, Bangladesh  
2022

- Bangladeshi atudents enrolled at foreign university

### Graduate Assistantship

Florida International University  
2021

- Scholarship to conduct Doctoral studies

### Berk Summer Research Fellowship in Statistics

Illinois State Univeristy  
2019

- Awarded for academic excellence

### Graduate Teaching Assistatship

Illinois State Univeristy  
2019

- Scholarship to conduct Graduate studies