

# Md Zubab Ibne Moid

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## Education

### **Ph.D. in Economics, 2025 (Expected)**

University of North Carolina Greensboro, North Carolina, USA

### **M.A. in Applied Economics (Doctoral Track), 2023**

University of North Carolina Greensboro, North Carolina, USA

### **M.A. in Economics, 2018**

Jahangirnagar University, Bangladesh

### **Masters in Bank Management, 2014**

University of Dhaka, Bangladesh

### **Bachelor of Business Administration, 2013**

North South University, Bangladesh

## Research Experience

### **Ph.D. Thesis Data Analysis**

May 2023-Present

Department of Economics, UNCG, Greensboro, NC

- Extracted alcohol consumption information from NLSY97 and NSDUH datasets.
- Used Bayesian Simulation and Simulated Annealing to calculate transition probabilities for alcohol consumption decision analytic model.
- Built a Markov Model to calculate cost-effectiveness of adolescent drinking intervention programs.

### **Graduate Research Assistant with Dr. Jeremy Bray**

May 2022-Present

Department of Economics, UNCG

- Cleaned Medicaid data.
- Used Diff-in-Diff regression to estimate the effect of different mental health pilot programs.
- Produced graphs.
- Prepared PowerPoint slides.

### **Graduate Research Assistant with Dr. Martin Andersen**

May 2021-Jun 2021

Department of Economics, UNCG

- Cleaned raw cellphone-derived mobility data to understand the effects of abortion regulations.

### **Teaching Experience**

#### **Graduate Assistant**

Jun 2022-Jul 2022

Institute for Partnerships in Education  
School of Education, UNCG

- Worked as a tutor at an elementary school in the IPiE-GCS Tutoring Collaboration.

#### **Graduate Teaching Assistant with Dr. Jeffrey Sarbaum**

Aug 2021-Apr 2022

Department of Economics, UNCG

- Graded weekly exercise sheets for the course “Principle of Microeconomics.”

### **Other Employment**

#### **Senior Officer**

May 2016- May 2021

Pubali Bank Limited, Bangladesh

- Prepared memorandums for different agendas for board meetings.
- Wrote official notes regarding management decisions.

### **Leadership Experience**

#### **President**

February 2024-Current

Bangladesh Student Association, UNCG, Greensboro, NC

- Spearheaded planning and execution of major Bangladeshi cultural events.
- Initiated newcomer welcome programs and networking events.
- Secured donations and sponsorships from local community members.

### **Skills**

**Econometric Modeling:** Ordinary Least Squares (OLS), Difference in Difference (DID), Instrumental Variable (IV), Fixed Effects Regression, Probit, Logit, Ordered Probit, Ordered Logit, Multinomial Logit.

**Decision Analytic Modeling:** Markov Model, Bayesian Simulation, Simulated Annealing.

**Statistical Software:** STATA, R, Excel, SAS, MATLAB, SPSS.

**Computer Skills:** Microsoft Word, Microsoft PowerPoint.

### **Honors & Awards**

J.M. Bryan Scholars & Fellows, 2023-2024

Green Fund, 2023

Bryan Foundation Scholarship, 2022-2023

Foy & Phyllis Kohler Endowment Scholarship, 2021

Wells Fargo Fellowship, 2020

### **Publications**

1. Moid, M.Z.I., Buaka, E.S.D. & Link, A.N. Enhancing the Knowledge Economy: a Cross-Country Study of Knowledge Creation. J Knowl Econ (2023). <https://doi.org/10.1007/s13132-023-01546-9>
2. Buaka, E.S.D., Moid, M.Z.I. AI and medical imaging technology: evolution, impacts, and economic insights. J Technol Transf (2024). <https://doi.org/10.1007/s10961-024-10100-x>

### **Technical Reports**

1. Gruber, KJ, Su, H, Bray, J.W., Queen, J.W., Pandit, H., Moid, M.Z.I., Morand, K., & Ward, T. (2023). Final Report 2021-2022: Tiered Care Coordination Pilot Project Site Evaluation & Return on Investment: Trillium Health, Pitt County. Report Submitted to the NC Division of Mental Health, Developmental Disabilities, and Substance Abuse Services.
2. Bray, J.W., Moid, M.Z.I., Pandit, H., & Morand, K. (2023). Voices Amplified UNCG Return on Investment (ROI) Evaluation Plan. Report Submitted to the NC Division of Mental Health, Developmental Disabilities, and Substance Abuse Services.

### **Working Papers**

1. Estimating Adolescent Drinking Trajectories in the United States: A Three-Step Approach
2. Alcohol Use in India During the Pandemic: The Role of Gender, Socio-Economic Status, and State Policies
3. Cost Effectiveness of Screening & Brief Intervention for Adolescent Drinking: A Markov Model

### **Conference Presentations**

1. Moid, M.Z.I. (2023, September 28-29). Estimating Adolescent Drinking Trajectories in the United States: A Three-Step Approach. International Network on Brief Interventions for Alcohol & Other Drugs. Greensboro, NC, USA.
2. Moid, M.Z.I. (2024, May 5-8). Estimating Drinking Trajectories in the United States from Adolescent Period to Old Age: A Three-Step Approach. International Society for Pharmacoeconomics and Outcomes Research. Atlanta, GA, USA.

### **References**

#### **Dr. Jeremy Bray**

Jefferson-Pilot Excellence Professor  
Department of Economics  
UNC Greensboro  
[jwbray@uncg.edu](mailto:jwbray@uncg.edu)

#### **Dr. Anne Royalty**

Department Head  
Professor  
Department of Economics  
UNC Greensboro  
[abroyalty@uncg.edu](mailto:abroyalty@uncg.edu)

#### **Dr. Martijn van Hasselt**

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