

EDUCATION

Georgia State University

Ph.D. in Economics

Atlanta, GA

2020 - 2025 (*expected*)

- Advisor: Prof. Daniel Kreisman
- Areas of Interest: Health, Education, and Labor Economics

North South University

Studied towards MS in Economics

Dhaka, Bangladesh

2018 - 2020

University of Dhaka

Master of Bank Management

Dhaka, Bangladesh

2014 - 2016

East West University

BBA, Finance

Dhaka, Bangladesh

2010 - 2014

RESEARCH

WORKING PAPERS

1. The Effects of Losing Medicaid on Body Weight and Health Behaviors [Job Market Paper]

Abstract: Tennessee's 2005 Medicaid reform resulted in approximately 4% of the state's childless adults losing their health insurance coverage. Leveraging this policy-induced variation, I study the effects of Medicaid disenrollment on body weight and health behaviors. Using Behavioral Risk Factor Surveillance System (BRFSS) data from 1997 to 2010, I estimate synthetic difference-in-differences models that compare Tennessee's outcomes before and after the reform with those of a data-driven, synthetic Tennessee. The results suggest that the reform led to a 0.37-point increase in BMI among Tennessean childless adults, contributing to a 4% rise in the prevalence of overweight or obese ($BMI \geq 25$) within this group. The effects were large among young adults aged 20-39 and females, who likely experienced significant coverage losses due to the reform. Examining health behaviors, I find that decreased participation in moderate physical activities (e.g., brisk walking, gardening) and inclusion of less vegetable in diet explain nearly two-third of the weight gain. Finally, the findings indicate that the effects of reducing Medicaid coverage on body weight and related health behaviors may not mirror those of increasing Medicaid access.

2. Do AP Exam Fee Waivers Improve AP Participation and Performance? (with Cade Lawson and Salma Ali)

Abstract: We study the effects of North Carolina's Advanced Placement (AP) exam fee waivers on AP course enrollment, exam taking, and exam performance. By leveraging course-level administrative data and incorporating student fixed effects, we identify the causal effects while overcoming several limitations of prior research. We find that the fee waivers increase the likelihood of an AP course to result in an exam by nearly 4 percentage points ($\sim 6\%$), but do not significantly decrease the probability of passing the test. In contrast to previous studies, we find no evidence that the waivers increase AP enrollment. Finally, we provide evidence that the fee waivers reduce racial gap in AP participation.

WORK IN PROGRESS

1. Incentive Strength and Teacher Effort: New Evidence from Piece-rate Bonus Scheme
2. Eviction in the Gig Economy: The Uber Effect

TEACHING	Instructor, Georgia State University <i>Principles of Macroeconomics</i>	Fall 2024
	Teaching Assistant, East West University <i>Mathematics for Business and Economics I & II, Business Finance</i>	2011 - 2013
AWARDS AND HONORS	• W.J. Usery Research Fund (\$2,012)	2023
	• E.D (Jack) Dunn Fellowship and Research Fund (\$697)	2023
	• Foff Scholarship, North South University	2018-2020
	• Freedom Fighter's Scholarship (Full Tuition Waiver), East West University	2010-2014
PRESENTATIONS	• SEA 94 th Annual Meeting	2024
	• AEEP 49 th Annual Conference	2024
	• APPAM Fall Research Conference	2023
RESEARCH POSITIONS	Research Assistant at	
	• Georgia Policy Labs	2022-Present
	• Georgia State University	2020-2022
	• Bangladesh Institute of Bank Management	2015-2016
SKILLS	Languages: English, Bengali (Native).	
	Programming: Proficient: Stata (+Mata), R Working Knowledge: Git, Python, HTML, CSS.	
PROFESSIONAL EXPERIENCE	Bangladesh Bank - The Central Bank of Bangladesh <i>Assistant Director</i>	Dhaka, Bangladesh 2018-2020
	AB Bank Ltd. <i>Management Trainee</i>	Dhaka, Bangladesh 2016-2018
REFERENCES	Daniel Kreisman Associate Professor Department of Economics Georgia State University dkreisman@gsu.edu	
	Jonathan Smith Associate Professor Department of Economics Georgia State University jsmith500@gsu.edu	
	Lauren Hoehn Velasco Assistant Professor Department of Economics Georgia State University lvelasco@gsu.edu	
	James Marton Department Chair & Professor Department of Economics Georgia State University marton@gsu.edu	