

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 Tennessean childless adults losing their coverage. Leveraging this policy-induced variation, I study the effects of large-scale 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 findings suggest that the reform increased Body Mass Index (BMI) among Tennessean childless adults by 0.37 points, contributing to roughly 4% rise in the prevalence of overweight or obese individuals ($BMI \geq 25$). The effects are strong among young (aged 20-39) as well as female childless adults, who likely experienced disproportionately large coverage loss due to the reform. Examining health behaviors, I find that decreased participation in moderate physical activity (e.g., cycling, swimming) and decreased inclusion of vegetables in diet following the reform partially explain the weight gain.

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

Abstract: We leverage policy-induced variation in the out-of-pocket cost of taking Advanced Placement (AP) exams and within student variation to examine the effects of North Carolina's AP exam fee waiver policy on AP course enrollment, exam taking, and exam performance. Our use of course-level administrative data and student fixed effects address several limitations of prior studies. We find that the fee waivers increase the likelihood of an AP enrollee to take the AP test, but does not decrease the probability of passing the test. In contrast to previous studies, we find no effect on AP course enrollment. We provide evidence that fee waivers reduce racial gap in AP exam taking and potential college credit accumulation.

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

Principles of Macroeconomics

Fall 2024

Teaching Assistant, East West University

Mathematics for Business and Economics I & II, Business Finance

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 (Expected)	2024
	• 49 th AEFPP 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:	
	Advanced: Stata	
	Proficient: R, Mata (Stata)	
PROFESSIONAL EXPERIENCE	Working Knowledge: Git, Python, HTML, CSS, Quarto.	
	AB Bank Ltd.	Dhaka, Bangladesh
	<i>Management Trainee</i>	2016-2018
	Bangladesh Bank - The Central Bank of Bangladesh	Dhaka, Bangladesh
REFERENCES	<i>Assistant Director</i>	2018-2020
	Daniel Kreisman	Jonathan Smith
	Associate Professor	Associate Professor
	Department of Economics	Department of Economics
	Georgia State University	Georgia State University
	dkreisman@gsu.edu	jsmith500@gsu.edu
	Lauren Hoehn Velasco	James Marton
	Assistant Professor	Department Chair & Professor
	Department of Economics	Department of Economics
	Georgia State University	Georgia State University
	lvelasco@gsu.edu	marton@gsu.edu