

## EDUCATION

### Georgia State University

Atlanta, GA

*Ph.D. in Economics*

2020 - 2025 (*expected*)

- *Areas of Interest:* Health, Education, and Labor Economics
- *Selected Courses:* Machine Learning for Economics, Experimental Economics, and Teaching Seminar

### North South University

Dhaka, Bangladesh

*Studied towards MS in Economics*

2018 - 2020

### University of Dhaka

Dhaka, Bangladesh

*Master of Bank Management*

2014 - 2016

### East West University

Dhaka, Bangladesh

*BBA, Finance*

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 public 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 comparative case study models that compare Tennessee's outcomes before and after the reform with those of a data-driven control group. The preferred synthetic difference-in-differences estimates suggest that the reform led to a 0.37 points increase in BMI among Tennessean childless adults, contributing to at least 2.5% 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 the inclusion of less vegetables in the diet explain more than half of 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. Free Exams and Advanced Placement outcomes (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. Using course-level administrative data and exploiting within student variation, we identify the causal effects while overcoming several limitations of prior research. We find that fee waivers increased the likelihood of an AP course resulting in an exam by 4 percentage points ( $\sim 6\%$ ), but did not significantly decrease the probability of leading to a passing score. In contrast to previous studies, we do not find sufficient evidence that waivers increased AP enrollment. Finally, we provide evidence that fee waivers reduced the racial gap in AP participation and performance.

### WORK IN PROGRESS

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

TEACHING	<b>Instructor, Georgia State University</b> <i>Principles of Macroeconomics</i>	Fall 2024
	<b>Teaching Assistant, East West University</b> <i>Mathematics for Business and Economics I &amp; 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	• Atlanta/Athens Health Economists Practice Job Talk Day (scheduled)	11.2024
	• SEA 94 <sup>th</sup> Annual Meeting (scheduled)	11.2024
	• AEEP 49 <sup>th</sup> Annual Conference	03.2024
	• APPAM Fall Research Conference	11.2023
RESEARCH POSITIONS	<b>Research Assistant at</b>	
	• Georgia Policy Labs	2022-Present
	• Georgia State University	2020-2022
	• Bangladesh Institute of Bank Management	2015-2016
SKILLS	<b>Languages:</b> English, Bengali (Native).	
	<b>Programming:</b>	
	Proficient: Stata (+Mata), R, $\text{\LaTeX}$ Working Knowledge: Git, Python, HTML, CSS.	
PROFESSIONAL EXPERIENCE	<b>Bangladesh Bank - The Central Bank of Bangladesh</b>	Dhaka, Bangladesh
	<i>Assistant Director</i>	2018-2020
	<b>AB Bank Ltd.</b>	Dhaka, Bangladesh
	<i>Management Trainee</i>	2016-2018
REFERENCES	<b>Daniel Kreisman</b>	<b>Jonathan Smith</b>
	Associate Professor	Associate Professor
	Department of Economics	Department of Economics
	Georgia State University	Georgia State University
	dkreisman@gsu.edu	jsmith500@gsu.edu
	<b>Lauren Hoehn Velasco</b>	<b>Keith Teltser</b>
	Assistant Professor	Assistant Professor
	Department of Economics	Department of Economics
	Georgia State University	Georgia State University
	lvelasco@gsu.edu	kteltser@gsu.edu