

# OLENA BERCHUK

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## RESEARCH INTERESTS

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Economics of Education, Labor Economics, Development Economics

## WORKING PAPERS

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### **Military Conscription and Higher Educational Attainment in Ukraine** (job market paper)

Compulsory military service via draft is prevalent in several countries, with some leniency offered for university students. In 1989, Gorbachev delayed the draft for university students until after they graduate. This provided young men in Ukraine with the opportunity to avoid the draft during times of political instability. I apply a regression discontinuity design to cohorts making university application decisions around two periods of instability, 1990 and 2004. I find that the effect on higher educational attainment is large in magnitude, positive, and highly statistically significant. I connect these findings to the increase in university entrants in Ukraine today in response to the war with Russia.

### **Student Safety and Schooling Outcomes**

School safety has received a lot of attention from parents and schools, particularly with the rise of gun violence. Understanding the mechanisms and the size of the effect of student safety on academic outcomes can be helpful in setting up effective policies for schools, both in the form of preventive and supportive measures. I use a new data set that stems from students' perceptions of safety and attempt to get causal estimates by instrumenting for safety via a school's distance from a school shooting. Although I find some statistically significant effects for math and science test scores, my instrument is weak and none of these results should be taken as causal.

## WORKS IN PROGRESS

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### **Impacts of Recess on Student Achievement**

Many school districts in the United States do not require a minimum recess time for elementary school students. With such few guidelines, some schools provide only two 30 minute sessions per week or often conflate gym time with recess time to maximize the number of instructional hours. Starting from the 2017-2018 school year, Florida passed a state-wide requirement that all schools provide at least 20 minutes of free play for students in grades K-5. Leveraging this new law, I apply a difference in difference design that compares school districts that already had recess policies in place with those that were forced to provide it. I find that providing more recess time for students did not have a negative impact on test scores or attendance, suggesting that students can and should be allowed breaks to be themselves throughout the day without concern of it negatively impacting the school's academic standing.

## EDUCATION

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<b>University of Delaware</b> Ph.D. Candidate, Economics	Expected 2024
<b>Temple University</b> M.A., Economics	2019
<b>Temple University</b> B.A., Economics Minor, Spanish	2018
<b>University of Oviedo, Spain</b> Temple University Summer Study Abroad Program	2017

## SCHOLARSHIPS AND HONORS

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Economics Graduate Student Excellence in Teaching Award, University of Delaware	2023, 2022
Third Year Summer Research Stipend, University of Delaware	2022
Phi Beta Kappa Member	2018
Norman & Ruth Sun Writing Prize, Temple University	2018
Honors President's Scholarship, Temple University	2015 - 2018

## TEACHING EXPERIENCE

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<b>Instructor of Record, University of Delaware</b>	
Intermediate Microeconomic Theory	Winter 2023
Introduction to Macroeconomics	Winter 2022
<b>Head Teaching Assistant, University of Delaware</b>	
- Substitute lecturer for 270+ student class, managed and organized other TAs	
Introduction to Macroeconomics	Fall 2023, Spring 2023
Introduction to Microeconomics	Fall 2022, Spring 2022, Fall 2021
<b>Teaching Assistant, University of Delaware</b>	
Introduction to Macroeconomics	Spring 2020
Introduction to Microeconomics	Fall 2019
<b>Writing Tutor, Temple University</b>	2016 - 2018

## RESEARCH EXPERIENCE

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<b>Research Assistant</b>	Summer 2023
Prof. Emily Battaglia, University of Delaware	
<b>Research Assistant</b>	2020 - 2021
Prof. Jeremy Tobacman, University of Delaware	
<b>Research Assistant</b>	Summer 2019
Prof. Jim Berry, University of Delaware	
<b>Graduate Data Analysis Intern</b>	2018 - 2019
Career Center, Temple University	
<b>Bureau of Labor Statistics Intern</b>	2018
Temple University	

## TECHNICAL SKILLS

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<b>Software</b>	Stata, SurveyCTO, Latex, R, some Python
<b>Spoken Languages</b>	Fluent in Ukrainian, Russian, and English, conversational in Spanish

## OTHER

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Compete and train in dog agility	2021 - Present
Attend weekly HEMA longsword fighting classes	2019 - Present
Conduct church choir and arranged weekly rehearsals	2014 - Present

## REFERENCES

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Adrienne Lucas (main advisor)	Desmond Toohey
Professor and Economics Department Chair	Financial Economist
University of Delaware	US Securities and Exchange Commission
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Sabrin Beg  
Associate Professor of Economics and Associate Chair  
University of Delaware  
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Julianna Butler (teaching reference)  
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