The United States has been experiencing a decline in workplace injuries since the 1970s, driven by workplace safety legislation and improvements in technology. However, workplace injuries flattened with an economic expansion in 2010. Previous research studied an era of the US which vastly differs from the labor force today. Using a difference-in-differences approach on unstudied industries and workplace injury outcomes from 1992 to 2018, I examine the relationship between the unemployment rate and workplace injuries in a new era. Further, using modern estimation techniques, I look at how the relationship of interest differs during an expansion and a recession which was previously assumed to be equal. My findings show that a one percentage point increase in unemployment is related to a 2.6% increase in nonfatal workplace injuries. This inverse relationship conforms to previous findings. However, a one percentage point increase in unemployment is also found to increase fatal injuries by 2.2% which is a significant update to previous findings. I cannot reject the hypothesis that these rates differ between expansions and recessions.

However, when breaking down the nation by sector and industry, the relationship between unemployment and injuries can be found to be counter-cyclical and there can be large differences depending on the economy is experiencing a recession or an expansion which contrasts what the nation exhibits as a whole.
Working Papers

Does Right to Work Hinder Right to Safety?
The Effects of Right to Work Laws On Labor Unions

Teaching Experience

Spring 2021
Teaching Assistant
Econ 201 – Intermediate Microeconomics
Emory University

Fall 2020
Instructor
Econ 101 – Principles of Microeconomics

Summer 2020
Instructor
Econ 101 – Principles of Microeconomics

Spring 2020
Teaching Assistant
Econ 101 – Principles of Microeconomics

Fall 2018
Teaching Assistant
Econ 500 – Microeconomic Theory I

Scholarships and Awards

- Graduate Student Teaching Award of Excellence, Department of Economics, Emory University, May 2021
- The Robert W. Woodruff Scholarship, Emory Scholars Program, Emory University, August 2017 – May 2021
- Macroeconomics Core Examination High Pass, Department of Economics, Emory University, June 2018
- Golden Excellence Scholarship, University of Alabama at Birmingham, Fall 2013 – Spring 2017
- James C. & Carol Warner Scholarship, Department of Mathematics, University of Alabama at Birmingham, Fall 2013 – Spring 2014

References

Sara Markowitz
Professor and Director of Graduate Studies
sara.markowitz@emory.edu
404-712-8167

Evan Saltzman
Assistant Professor
esaltzm@emory.edu
404-727-8643

Hugo Mialon
Professor and Director of Undergraduate Studies
hmialon@emory.edu
404-727-0355