

# EREN BILEN

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## Research Interests

Applied Microeconomics, Machine Learning, Tournaments, Behavioral Economics

## Academic Positions

Assistant Professor of Data Analytics (tenure-track), Dickinson College July 2022-Present  
Visiting Assistant Professor of Data Analytics, Dickinson College July 2021-2022

## Education

Ph.D. Economics, University of South Carolina May 2021  
*Committee:* Alexander Matros (chair), Philip Brookins, Lindsey Woodworth, Edsel Peña  
*Dissertation Title:* “Essays in the Economics of Tournaments”  
M.A. Economics, University of South Carolina May 2016  
C.A.S. Applied Statistics, University of South Carolina May 2016  
B.A. Economics, Izmir University of Economics May 2015  
B.A. International Trade and Finance, Izmir University of Economics May 2015

## Publications

1. “The Queen’s Gambit: Explaining the Superstar Effect Using Evidence from Chess”, *Journal of Economic Behavior & Organization*, 215, November 2023, pp. 307-324, with Alexander Matros.
2. “Search Less for a Better Price”, *Canadian Journal of Economics/Revue canadienne d’économique*, 2023, with Deniz Dizdar and Chun-Hui Miao.
3. “Online Cheating Amid COVID-19”, *Journal of Economic Behavior & Organization*, 182, February 2021, pp. 196-211, with Alexander Matros.  
**News coverage on Forbes:** [Link](#)  
**San Fransisco Chronicle:** [Link](#)  
**Inside Higher Ed:** [Link1](#) [Link2](#)

## Working Papers

1. “Disaster Preparedness and Experience: Evidence from Sales of Emergency Supplies Before and After Hurricanes”, with Tamara Sheldon and Crystal Zhan.
2. “Peer Effects and Motivation in High Level Performers”, with Robert Pettis.
3. “When Trader Joe’s Comes to Town: The Effects of Trader Joe’s Store Openings on Adult Obesity”.

## Work in Progress

1. “Impact of Asymmetric Productivity Spillovers in Job-to-Job Transitions: Evidence from Labor Mobility in Academia”, with Xiaozhou Ding and Paul Ko.

2. “Gender Differences in Risk-taking: Evidence from Chess Players”.
3. “Nationalism in Online Games: Impacts of International Conflicts on Chess Player Behavior”, with Nino Doghonadze, Robizon Khubulashvili, and David Smerdon.
4. “Moral Problems and Dishonesty in Online Environments: A Controlled Experiment in Amazon Mechanical Turk”, with Alexander Matros.
5. “How Green is Online Shopping? The Effect of Online Food Delivery on Traffic Congestion and Carbon Emissions”, with Olga Perdidaki, Luv Sharma, and Necati Tereyagolu.
6. “Is Economics STEM? OPT Reform, Reclassification, and Diversity in U.S. Higher Education”, with Emily Marshall and Tony Underwood.
7. “Masks, Facial-Expressions, and Strategic Interaction: Evidence from Word Series Poker”, with Joaquín Gómez-Miñambres.

## Book Chapters

1. “The Superstar Effect”, *Encyclopedia of Heroism Studies*, Springer Cham, 2023, with Alexander Matros.

## Seminar/Conference Presentations

Southern Economic Association Meetings, New Orleans LA (scheduled)	November 2023
Lafayette College, Easton PA (scheduled)	October 2023
Dickinson College Rush Hour Seminar, Carlisle PA	September 2023
LACBEE 2023, Swarthmore, PA	July 2023
Syracuse University, Syracuse NY	April 2023
American Economic Association Meetings CEE, New Orleans LA	January 2023
Southern Economic Association Meetings, Fort Lauderdale FL	November 2022
Southern Economic Association Meetings, Houston TX	November 2021
Dickinson College Economics Brownbag, Carlisle PA	October 2021
American Society of Health Economists Conference, Washington D.C.	June 2021
Dickinson College, Carlisle PA	March 2021
Southern Illinois University Edwardsville, Edwardsville IL	February 2021
Sabancı University, Istanbul, Turkey	January 2021
University of Nebraska at Omaha, Omaha NE	January 2021
Murray State University, Murray KY	January 2021
Southern Economic Association Meetings, New Orleans LA	November 2020
Lancaster University, Lancaster, UK	October 2020
Laboratory Innovation Science at Harvard (LISH), Boston MA	September 2020
University of South Carolina Economics Brownbag, Columbia SC	September 2020
Contests: Theory and Evidence, Norwich, UK	June 2020
University of South Carolina Economics Brownbag, Columbia SC	February 2020
Southern Economic Association Meetings, Fort Lauderdale FL	November 2019
American Society of Health Economists Conference, Washington D.C.	June 2019

## Teaching Experience

Dickinson College, Department of Data Analytics	
Introduction to Data Science	Fall 2023, Fall 2022, Fall 2021
Data Systems for Data Analytics	Fall 2023, Spring 2023, Fall 2022
Capstone in Data Analytics	Spring 2024, Spring 2023
Dickinson College, Department of Economics	
Game Theory	Spring 2022

Dickinson College, Department of Math  
Elementary Statistics

Spring 2022, Fall 2021

University of South Carolina, Department of Economics  
Introduction to Economics

Fall 2018-2020, Spring 2019-2021

## Service and Activities

Hearing Board for Student Violations, Dickinson College	Fall 2023-present
Search committee for vice president of enrollment, Dickinson College	2023-2024
Search committee for AP in data analytics (x2), Dickinson Data Analytics Dept.	2022-2024
Social media accounts for Dickinson Data Analytics Dept: <a href="#">t</a> and <a href="#">f</a>	2021-present
Web-maintenance for seminars: <a href="http://ehealthecon.org">ehealthecon.org</a> and <a href="http://tobaccopolicy.org">tobaccopolicy.org</a>	2020-present
Faculty advisor for Dickinson Chess Club	2021-2022
Preparing for Future Faculty, CTE, University of South Carolina	June 2020
Reviewer, American Society of Health Economists	January 2020
Referee, Discover USC Day at University of South Carolina	April 2019
International Student Ambassador at University of South Carolina	Spring 2019

## Independent Studies Offered

Suong Tran, Finding Orthogonal Bioluminescent Probes Using Machine Learning	2023
Ben Stoopack, The Impact of Playing on a New Team: Evidence from MLB	2023
Pranav Mishra, Improving Object Recognition Models in Detecting Rattlesnakes	2023
Andrew Scheiner, Tip-off in Basketball	2023

## Journals Refereed

*Economics of Education Review* (1), *Ethics and Behavior* (2), *Ethics and Information Technology* (1), *Journal of Economic Education* (3), *Journal of Economics Teaching* (1), *Southern Economic Journal* (2), *Psychological Reports* (1), *Scientific Reports* (1)

## Professional Societies and Affiliations

American Economic Association, American Society of Health Economists, American Statistical Association, Southern Economic Association

## Awards

Dickinson College Research Assistant Grant (x1)	Fall 2023
Dickinson College Research Assistant Grant (x1), with Barry Tesman	Summer 2023
Dickinson College Research Assistant Grant (x3), with Xiaozhou Ding and Paul Ko	2022-23
Moore School Research Grant \$5,000; \$3,000, with Alexander Matros	2020, 2019
Ph.D. Fellowship, Darla Moore School of Business	2016-2021
MAEC Financial Award, Darla Moore School of Business	2015-2016
High Honor Student Award, Izmir University of Economics	2015
Full Undergraduate Scholarship, Izmir University of Economics	2011-2015
Project Development & Entrepreneurship Award, Turkish Industry and Business Assoc.	2013

## Software

Programming: Python, C	Web: HTML
Math/Stat: R, Stata, Matlab, SAS	Data-science: ML, text mining, web-scraping
Database: SQL	Typography: L <sup>A</sup> T <sub>E</sub> X