

# EREN BILEN

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## Research Interests

Applied Microeconomics, Tournaments, Health Economics

## Education

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|--|-------------------|
| Ph.D. Economics, University of South Carolina<br><i>Committee:</i> Alexander Matros (chair), Philip Brookins, Lindsey Woodworth,<br>Edsel Pena | Fall 2016-Present |
| 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          |

## Job Market Paper

“The Superstar Effect: Evidence from Chess”

**Abstract.** “Superstars” exist in many places – in classrooms, or in workplaces, there is a small number of people who show extraordinary talent and ability. The impact they have on their peers, however, is an ongoing research topic. In competition, they might intimidate others; causing their peers to show less effort. On the opposite, superstars might encourage higher effort, as their existence in a competition could push all competitors to “step up” their game. In this study, I analyze the impact of a superstar on their peers using evidence from chess. The existence of a contemporary superstar (and the current World Chess Champion) Magnus Carlsen, as well as, past world champions such as Garry Kasparov, Anatoly Karpov, or Bobby Fischer enables me to identify whether the existence of a superstar in a chess tournament has a positive or an adverse effect on other chess players’ performance. The results indicate that the effect depends on the intensity of the superstar. If the skill gap between the superstar and the rest of the competitors is large enough, an adverse effect exists. However, when the skill gap is small, there may be slight positive peer effects. In terms of head-to-head competition, the evidence shows that superstars outperform their opponents in all specifications due to their higher ability. Understanding the effect of superstars on peer performance is crucial for firms and managers considering to introduce a superstar associate for their team.

## Working Papers

1. "Online Cheating Amid COVID-19", with Alexander Matros.  
**News coverage on Forbes:** <https://www.forbes.com/sites/dereknewton/2020/09/30/research-students-may-opt-out-of-online-test-monitoring-with-big-catch/#6f8e0e9055c4>
2. "Another One Bites the Dust: Red Corner Advantage in Ultimate Fighting Championship", with Robert Pettis.
3. "When Trader Joe's Comes to Town: The Effects of Trader Joe's Store Openings on Adult Obesity".
4. "To Drive or Bike?: The Effects of Transportation Method Choice on Obesity".

## Work in Progress

1. "Optimal Size of Groups in a Group Contest: Evidence from Kaggle", with Philip Brookins and Andrew Smyth.
2. "Disaster Preparedness and Disaster Experience", with Tamara Sheldon and Crystal Zhan.
3. "Returns to Higher Education: Evidence from the 1997 Headscarf Ban in Turkey."

## Conference Presentations

|  |                |
|--|----------------|
| Southern Economic Association Meetings (scheduled, speaker), New Orleans LA          | November 2020  |
| Lancaster University (scheduled, speaker), Lancaster, UK                             | October 2020   |
| Laboratory Innovation Science at Harvard (speaker), Boston, MA                       | September 2020 |
| Economics Brownbag (speaker), University of South Carolina, Columbia SC              | September 2020 |
| Contests: Theory and Evidence (speaker), Norwich, UK                                 | June 2020      |
| American Society of Health Economists (ASHEcon) (poster), St. Lois MI                | June 2020*     |
| Evidence-Based Economics Summer Meeting 2020 (speaker), Munich, Germany              | June 2020*     |
| Economics Brownbag (speaker), University of South Carolina, Columbia SC              | February 2020  |
| Southern Economic Association Meetings (speaker/discussant), Fort Lauderdale FL      | November 2019  |
| American Society of Health Economists (ASHEcon) (discussant/poster), Washington D.C. | June 2019      |

## Teaching Experience

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|---|-------------------------------------|
| <b>Instructor</b> , Department of Economics, University of South Carolina         | 2018-present                        |
| Introduction to Economics   | Spring 2019-2020, Fall 2018-2020    |
| Spring 2020 Evaluation: 3.9/5.0 <sup>†</sup>                                      |                                     |
| Fall 2019 Evaluation: 4.0/5.0   |                                     |
| Spring 2019 Evaluation: 4.3/5.0   |                                     |
| Fall 2018 Evaluation: 4.4/5.0   |                                     |
| <b>Teaching Assistant</b> , Department of Economics, University of South Carolina | 2015-present                        |
| Math Camp (Ph.D. level)   | Summer 2020, Summer 2019            |
| Applied Microeconomics (Masters level)  | Fall 2018, Fall 2017                |
| Applied Macroeconomics (Masters level)  | Spring 2017                         |
| Negotiations (Ph.D. level)  | Spring 2020                         |
| Game Theory   | Fall 2018, Spring 2017              |
| Introductory Econometrics   | Fall 2016                           |
| Labor Economics   | Fall 2016                           |
| Development Economics   | Fall 2017                           |
| Environmental Economics   | Fall 2019                           |
| Economics of Sustainable Development  | Fall 2016                           |
| International Monetary Economics  | Spring 2019, Spring 2017            |
| Intermediate Microeconomics   | Spring 2020, Spring 2018            |
| Intermediate Macroeconomics   | Spring 2018, Summer 2017, Fall 2016 |
| Principles of Macroeconomics  | Fall 2015                           |
| Introduction to Economics (Honors College)  | Fall 2019                           |
| Introduction to Economics   | Summer 2016, Spring 2016, Fall 2015 |

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\*Cancelled due to COVID-19.

<sup>†</sup>Course switched online due to COVID-19.

## Professional Service and Activities

Maintaining websites for two seminar series: [ehealthecon.org](http://ehealthecon.org) and [tobaccopolicy.org](http://tobaccopolicy.org) 2020-present  
Preparing for Future Faculty, Center of Teaching Excellence, University of South Carolina June 2020  
Reviewer, American Society of Health Economists (ASHEcon) January 2020  
Referee, Discover USC Day, University of South Carolina, Columbia SC April 2019  
International Student Ambassador, University of South Carolina, Columbia SC Spring 2019

## Professional Societies and Affiliations

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

## Awards

Moore School Research Grant \$3,000 2019  
Ph.D. Fellowship, Darla Moore School of Business 2016-present  
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 and Entrepreneurship Award, Turkish Industry and Business Association 2013

## Computer Skills

Programming: Python, C Web: HTML  
Math/Stat: R, Stata, Matlab, SAS Database: SQL  
Typography: L<sup>A</sup>T<sub>E</sub>X

## Personal Information

South Carolina Chess Champion, 2019 (U1400)  
Citizenship: Turkey

## References

### Alexander Matros

*Professor, BPF Moore Fellow*

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### Philip Brookins

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### Orgul D. Ozturk

*Associate Professor, Ph.D. Program Co-ordinator*

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