

# Ahmed El Fatmaoui

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Department of Economics  
University of Oklahoma  
308 Cate Center Drive, Room 235  
Norman OK, 73072

Phone: (405) 325-2861

E-mail: [aelfatmaoui@ou.edu](mailto:aelfatmaoui@ou.edu)

Homepage: [ahmedelfatmaoui.github.io](https://ahmedelfatmaoui.github.io)

## EDUCATION

2024      Ph.D. Candidate in Economics, [University of Oklahoma](#), Norman, OK  
2019      M.S. in Applied Mathematics, [University of Central Oklahoma](#), Edmond, OK  
2015      M.B.A., [University of Central Oklahoma](#), Edmond, OK  
2011      B.A. in Finance, [Knowledge Computer and Business Institute](#), Rabat, Morocco

## RESEARCH FIELDS

Primary:      Labor Economics, Economics of Education  
Secondary:    Health Economics, Public Economics

## PUBLICATIONS

2024      “From High School to Higher Education: Is Recreational Marijuana a  
Consumption Amenity for US College Students?” (Sole Author), [Economic Inquiry](#)  
2019      “Persistence homology of networks: methods and applications” (with Aktas  
Mehmet E., and Esra Akbas), [Applied Network Science](#)

## WORKING PAPERS

“What is the Role of College Athletics? An Analysis of the Population of NCAA Athletes” (with Tyler Ransom)

*Abstract:* Admissions at elite private universities in the United States are becoming increasingly competitive. As competition increases, seats become more and more scarce. This paper analyzes the population of athletes at all Division I NCAA institutions. Using publicly available data from the US Department of Education, the NCAA, and institutions’ athletic rosters, we document several novel facts. First, elite institutions enroll more athletes and field more varsity teams than even the largest public institutions, despite having drastically smaller student bodies. To provide further context on the background of athletes at elite institutions, we supplement the institution-level analysis with individual-level data taken from publicly available athletic rosters. Finally, we analyze the effect of a hypothetical policy that would restrict student athletes at each universities to be less than a certain fraction of the overall student body.

“What Spurs Investment in the Vaccine Industry? Interplay of Competition and Subsidies” (with Myongjin Kim, Junying Zhao, Ghosh Pallab, and Firat Demir)

*Abstract:* This paper investigates the impact of supply- and demand-side policy interventions on firms' output and innovation. Leveraging a unique dataset on vaccine production and development, we evaluate the effectiveness of a tort reform, a supply-side policy intervention that reduces vaccine manufacturers' product liability, and a demand-side policy intervention, the expansion of Medicare coverage of select vaccine products. Our difference-in-differences analysis indicates that while both interventions result in significant increases in vaccine production, the impact of the demand-side policy can be 3-6 times greater in magnitude. There is also evidence suggesting that vaccine development responds exclusively to the demand-side policy.

## **WORKS IN PROGRESS**

"Effects of Federal Recommendation on Vaccination and Neonatal Mortality: Evidence from HBV " (with Pallab Ghosh and Junying Zhao)

"Language Diversity: Does Mother Tongue Affect School Achievement?" (Sole Author)

## **CONFERENCE PRESENTATIONS**

2023                      Southern Economic Association, New Orleans, Louisiana (November)  
The Missouri Valley Economic Association, Kansas City, Missouri (October)  
Society of Labor Economists, Philadelphia, Pennsylvania (May)  
Midwest Economics Association, Cleveland, Ohio (March)

## **FELLOWSHIPS & AWARDS**

2024                      Dodge Family College of Arts and Science Dissertation Completion Fellowship,  
University of Oklahoma  
2023                      Graduate Student Award, Southern Economic Association  
2023                      Dodge Family College of Arts and Science Dissertation Research Fellowship,  
University of Oklahoma  
2022                      Winner of the Chong Liew Summer Research Award, University of Oklahoma  
2021                      Chong Liew Outstanding 1st Year Graduate Student Award, University of  
Oklahoma  
2019                      Third Place in Three Minute Thesis Competition, University of Central  
Oklahoma

## **TEACHING EXPERIENCE**

2023 (Fall)              Principles of Economics-Macro. (ECON-1113), University of Oklahoma  
2022 (Fall)              Principles of Economics-Micro. (ECON-1123), University of Oklahoma  
2022 (Summer)        Elements of Statistics (ECON 2843), University of Oklahoma  
2021 (Fall)              Elements of Statistics (ECON 2843), University of Oklahoma  
2018 (Fall)              Intermediate Algebra (DMAT-0115), University of Central Oklahoma

## EMPLOYMENT & AFFILIATIONS

2021-Current	Research Assistant, University of Oklahoma
2020-2021	Teaching Assistant, University of Oklahoma
2018-2019	Teaching Assistant, University of Central Oklahoma

## REFeree SERVICE

2024	Social Sciences & Humanities Open
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## MEDIA APPEARANCES

2024	<p>Study evaluates effects of legalized marijuana on higher education, by Marie O. Uberti Benz, MedicalResearch.com, June 27, 2024</p> <p>Research examines how recreational marijuana legalization affects a state's college enrollment, Phys.org, May 29, 2024</p>
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## SKILLS

Coding Expertise	R, Stata, Python, MATLAB, Julia, C++, and $\text{\LaTeX}$
Coding Experience	SPSS, ArcGIS Pro, Mathematica, and Git
Languages	English (Fluent), French (Intermediate), Arabic/ Tamazight (Native)

## REFERENCES

### **Tyler Ransom**

University Professor  
Department of Economic  
University of Oklahoma  
322 CCD1,  
308 Cate Center Drive  
Norman, OK 73072  
Tel: (405) 325-2861  
Email: [ransom@ou.edu](mailto:ransom@ou.edu)

### **Pallab Kumar Ghosh**

University Professor  
Department of Economic  
University of Oklahoma  
323 CCD1,  
308 Cate Center Drive  
Norman, OK 73072  
Tel: (315) 443-1630  
Email: [pallab.ghosh@ou.edu](mailto:pallab.ghosh@ou.edu)

### **Greg Burge**

University Professor, Department Chair  
Department of Economic  
University of Oklahoma  
170 CCD1,  
308 Cate Center Drive  
Norman, OK 73072  
Tel: (405) 325-5857  
Email: [gburge@ou.edu](mailto:gburge@ou.edu)