

# IBRAHIM KEKEC

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Department of Economics  
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## ACADEMIC POSITIONS

Lecturer, The University of Oklahoma (OU)  
Teaching Fellow, Trinity College Dublin (TCD)

August 2023-Present  
January 2022- August 2023

## EDUCATION

**Doctor of Philosophy in Economics**  
Michigan State University (MSU)

December 2021  
East Lansing, MI

**Master of Arts in Economics**  
Michigan State University

May 2016  
East Lansing, MI

**Master of Science in Economics**  
University of North Texas (UNT)

December 2011  
Denton, TX

**Bachelor of Arts in Tourism Administration**  
Bogazici University

July 2005  
Istanbul, Turkey

## RESEARCH FIELDS

Econometrics, Applied Econometrics, Machine Learning, and Labor Economics

## WORKING PAPERS

Identification, Estimation, and Inference for Multivalued Endogenous Treatment Effect Models: A Control Function Approach ([Previous Job Market Paper](#))

Control Function Approach to Multivalued Endogenous Treatment Effects, *Journal of Business and Economic Statistics*, [In preparation for submission](#) (Joint with Jeffrey M. Wooldridge)

Estimation for Multivalued Endogenous Treatment Effect Models Using High Dimensional Methods: A Simulation Study, *Journal of Applied Econometrics*, In preparation for submission

## WORK IN PROGRESS

An Application of Machine Learning Methods to Demand for Organic Fruits

Instrumental Variables Estimation for the Effectiveness of Peer Tutoring Programs with Self-selection Problem: Evidence from Economics Help Rooms and Integrative Studies Peer-assisted Learning Sessions at MSU

Weak-instrument Robust Estimation and Inference in Linear Instrumental Variables Regression with Heteroskedasticity and a Single Multivalued Endogenous Explanatory Variable

Control Function Method vs. Instrumental Variables: An Asymptotic Efficiency Comparison

Breathomics: A Multidimensional Approach to Rapid Early Cancer Detection Using Artificial Intelligence Algorithms and Advanced Sensors for Breath-Molecular Biomarkers (with PI *Talayeh Razzaghi* and Co-PI *Thirumalai Venkatesan*), OU Big Idea Challenge 2.0 Competition

## TEACHING AND ASSISTANTSHIP EXPERIENCE

Instructor:

Data Visualization and Analysis with Python, OU

Fall 2024

Machine Learning and High Dimensions, OU

Spring 2024

Intermediate Macroeconomics, OU

Spring 2024

Introduction to Econometric Methods, MSU and OU

Summer 2016, Spring 2024

Econometrics I and III, Doctoral, OU

Fall 2023

Statistics for Decision Making, OU

Fall 2023

Economics of Education, OU

Fall 2023

Mathematical Economics A, TCD

Fall 2022

Investment Analysis A and B, TCD

Spring 2022, Fall 2022

[Statistics and Regression Analysis](#), TCD

Spring 2022-Spring 2023

Economic Analysis B, TCD

Spring 2022

College Algebra, MSU	Fall 2014
Survey of Calculus, MSU	Fall 2013

Teaching Assistant:

Econometrics I and II, Master's, TCD	Spring 2022-Spring 2023
Introduction to Econometric Methods, MSU	Spring 2015-Spring 2016, Spring 2017
Survey of International Economics, MSU	Spring 2014, Fall 2016
Law and Economics, MSU	Spring 2013
Intermediate Macroeconomics, UNT and MSU	Fall 2008-Fall 2009, Fall 2012
International Trade, UNT	Spring 2010

Teaching Excluded Assistant:

Student-Athlete Support Services, MSU	Spring 2021
The College of Social Science Office of Student Success, MSU	Fall 2017-Spring 2020
American Economic Association Summer Program, MSU	Summer 2017, Summer 2018

**PRESENTATIONS**

Microeconometrics Class of 2022 and 2023 Conference, Duke University, Durham, NC	May 2024
Economics Seminar, University of North Texas, Denton, TX	April 2024
Work-in-Progress Series in Economics, Trinity College Dublin, Dublin, Ireland	February 2023
Economics Seminar, University of Kent, Kent, UK	May 2021
Seminar Series, Dickinson College, Carlisle, PA	March 2021
Midwest Economics Association, Virtual 85th Annual Meeting	March 2021
Graduate Student Seminar, MSU, East Lansing, MI	November 2020, April 2016
Missouri Valley Economic Association, Virtual 57th Annual Conference	October 2020
Econometrics Seminar, MSU, East Lansing, MI	December 2021, October 2020
Summer Weekly Meetings, MSU, East Lansing, MI	August 2020, July 2016
Econometrics Reading Group, MSU, East Lansing, MI	December 2017
Red Cedar Conference, MSU, East Lansing, MI	April 2015

**AWARDS AND HONORS**

Summer Research Fellowship, MSU	2015, 2017
Who's Who Among Students in American Universities and Colleges Nomination, UNT	2010
Graduate School Fellowship, UNT	2008-2010
International Education Committee Award, UNT	2010
Multicultural Scholastic Award, UNT	2010
Toulouse Graduate School Tuition and Fees Scholarship, UNT	2010
A Place to Call Home Graduate Scholarship, UNT	2009

**PROFESSIONAL MEMBERSHIPS**

American Economic Association, European Economic Association, Midwest Economics Association

**PROFESSIONAL SERVICE**

Chair, Midwest Economic Association, Virtual 85th Annual Meeting, Session 49	March 2021
Chair, Missouri Valley Economic Association, Virtual 57th Annual Conference, Session 7	October 2020

**VOLUNTEER SERVICE**

International Student Orientation Leader, UNT	2011
Learning Center Economics Tutor, UNT	2009-2011
International Student Ambassador of Turkey, UNT	2009-2011
Make a Difference Day Volunteer, UNT	2009

**SKILLS AND INTERESTS**

Programming: Stata, R, Python, C++, SQL, Matlab  
 Language: Turkish (fluent), English (fluent), German (basic)  
 Interests: History of Europe, Cinematography, Fitness, Swimming

**REFERENCES**

Jeffrey Wooldridge (Chair)  
University Distinguished Professor  
Department of Economics, MSU  
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[wooldri1@msu.edu](mailto:wooldri1@msu.edu)

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Professor  
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