

# Mehmet Furkan Karaca

• Curriculum Vitae • October 2022 •

## CONTACT INFORMATION

Department of Economics  
Michigan State University  
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**Citizenship:** Turkish

## EDUCATION

### Ph.D. in Economics

▪ Michigan State University 2023 (expected)

### M.A. in Economics

▪ Michigan State University 2019  
▪ Koç University, Istanbul, Turkey 2016

### B.S. in Economics

▪ TOBB University of Economics and Technology, Ankara, Turkey 2014

## RESEARCH INTERESTS

Macroeconomics, Financial Economics, Technological Change and Innovation, Growth

## JOB MARKET PAPER

“Credit Reallocation, Technological Change and Innovation”  
(with Raoul Minetti and Pierluigi Murro)

**Abstract:** This paper studies the dynamic process of credit reallocation and its interaction with aggregate innovative activity. To draw out theoretical predictions, we build a static model to investigate the consequences of lenders’ decision on reallocating credit and borrowers’ choice on innovating. We show that an escalation in credit reallocation disrupts innovative activities. Then, using a novel dataset on bank balance sheets and aggregate number of patents for Italy, we examine the effect of credit reallocation on innovation. We construct measures of credit reallocation and collect aggregate number of patents as a measure of innovative activity across Italian provinces. We find that an increase in credit reallocation reduces innovative activity while aggregate credit growth helps to expand it.

## WORK IN PROGRESS

“Credit Reallocation, Heterogenous Firms, and Innovation”

“Bank Capital Structure and Credit Reallocation in the Knowledge Economy”

“Innovation and Interest Rates: The Role of Patent Collateralization”  
(with Qingqing Cao and David Hong)

“Macroeconomic Implications of Lending Favoritism by Public Sector Banks”  
(with Yogeshwar Bharat and David Hong)

“Nonlinear Knowledge Production and Patent Disclosures: A General Equilibrium Treatment Effects Approach”  
(with Nick Brown and David Hong)

“Supply Chain Induced Inflation: Input-Output Framework with Empirical Evidence from Turkey”  
(with David Hong and Mehmet E. Samci)

## REFeree

Oxford Economic Papers

## PRESENTATIONS

Midwest Macroeconomics Fall Meeting 2022  
Michigan State Macro Group Seminar Series 2021  
Michigan State Red Cedar Conference 2020

SKILLS	Language		
	▪ Turkish (native), English (fluent), Spanish (basic)		
	Software		
	▪ STATA, R, MATLAB, L <sup>A</sup> T <sub>E</sub> X, Gephi.		
HONORS AND AWARDS	Dissertation Completion Fellowship, Michigan State University	2023	
	Supplemental Research Fellowship, Michigan State University	2022	
	Best Advanced Research Fellow, AEA Summer Program	2020	
	The Scientific and Technological Research Council of Turkey Scholarship	2014 – 2016	
	Koç University Graduate Fellowship, M.A., Koç University	2014 – 2016	
	Certificate of High Honor, TOBB University of Economics and Technology	2014	
	Full Scholarship, B.S., TOBB University of Economics and Technology	2009 – 2014	
	Ranked 97 <sup>th</sup> in the National University Entrance Exam (OSS)	2009	
TEACHING EXPERIENCE	<b>Michigan State University</b>		
	▪ Graduate Teaching Assistant		
	• Macroeconomics	Spring 2022	
	▪ Undergraduate Instructor		
	• Money, Banking and Financial Markets, <i>Online</i>	Summer 2019	
	▪ Undergraduate Teaching Assistant		
	• Advanced Macroeconomics	Fall 2022, Fall 2021, Summer 2021, Spring 2021, and Fall 2020	
	• Macroeconomics and Public Policy	Spring 2021, Fall 2020	
	• Intermediate Macroeconomics	Summer 2021, Fall 2018, Fall 2017	
	• Intermediate Microeconomics	Spring 2018	
	• Introduction to Macroeconomics	Spring 2020, Fall 2019, Spring 2019	
	<b>AEA Summer Program</b>		
	▪ Research Fellow for Advanced Level Research Methods	Summer 2020	
	▪ Tutor for Advanced Microeconomic Theory	Summer 2020	
	<b>Koç University</b>		
	▪ Undergraduate Teaching Assistant		
	• Intermediate Macroeconomics	Spring 2017, Fall 2016, Spring 2016, Fall 2015	
	• Principles of Economics	Spring 2015	
	• Intermediate Microeconomics	Fall 2014	
RESEARCH EXPERIENCE	Center for Social Policy Research, TOBB University of Economics and Technology		
	▪ Assistant Researcher	Sep 2013 – Aug 2014	
	Foreign Economic Relations Board (DEIK), Istanbul, TURKEY		
	▪ Research Intern, Strategy and Communication Councillorship	Jan 2012 – May 2012	
UNIVERSITY SERVICE	Department of Economics Advisory Committee Member, MSU	2019 – 2020	
	Economics Graduate Student Organization Board Member, MSU	2019 – 2020	
	Graduate Economics First-Year Mentor, MSU	2019 – 2020	
	MSU Turkish Student Association President	2018 – 2019	
REFERENCES	<b>Raoul Minetti</b> ( <i>chair</i> )	<b>Luis Araujo</b>	<b>Qingqing Cao</b>
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