## **Mehmet Furkan Karaca**

• Curriculum Vitae • May 2023 •

CONTACT INFORMATION

Department of Economics Michigan State University

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Email: mehmetfurkankaraca@gmail.com

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**EDUCATION** 

### Ph.D. in Economics

Michigan State University

2023 (expected)

### M.A. in Economics

<ul><li>Michigan State University</li></ul>	
■ Koç University, Istanbul, Turkey	

### **B.S.** in Economics

■ TOBB University of Economics and Technology, Ankara, Turkey

2014

2019 2016

RESEARCH INTERESTS

Macroeconomics, Financial Economics, Technological Change and Innovation

JOB MARKET PAPER "Credit Reallocation and Technological Change"

(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.

# WORKS IN PROGRESS

"Credit Reallocation, Dividend Payout 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)

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

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, LATEX, Gephi.

Dissertation Completion Fellowship, Michigan State University							
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 2009 – 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  Michigan State University  • Graduate Teaching Assistant • Macroeconomics • Undergraduate Teaching Assistant • Macroeconomics • Undergraduate Teaching Assistant • Advanced Macroeconomics • Macroeconomics and Poblic Policy • Intermediate Microeconomics • Macroeconomics and Poblic Policy • Intermediate Microeconomics • Principles of Economics • Pri	HONORS AND	Dissertation Completion Fello	owship, Michigan State Universit	y 2023			
The Scientific and Technological Research Council of Turkey Scholarship	AWARDS	Supplemental Research Fello	2022				
Koç University Graduate Fellowship, M.A., Koç University   2014 – 2016		Best Advanced Research Fell	ow, AEA Summer Program	2020			
Certificate of High Honor, TOBB University of Economics and Technology   2009 - 2014   Full Scholarship, B.S., TOBB University of Economics and Technology   2009 - 2014   2009 - 2014   2009 - 2014   2009 - 2014   2009 - 2014   2009 - 2019   2009 - 2014   2009 - 2019   2009 - 2014   2009 - 2019   2009 - 2014   2009 - 2014   2009 - 2014   2009 - 2014   2009 - 2014   2009 - 2014   2009 - 2018   2009 - 2014   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2018   2009 - 2019   2009 - 2018   2009 - 2019   2009 - 2018   2009 - 2019   2009 - 2018   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019   2009 - 2019 - 2009   2009 - 2019 - 2009   2009 - 2019 - 2009   2009 - 2019 - 2009   2009 - 2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009 - 2009   2009		The Scientific and Technolog	ical Research Council of Turkey	Scholarship 2014 – 2016			
Full Scholarship, B.S., TOBB University of Economics and Technology Ranked 97th in the National University Entrance Exam (OSS) 2009  TEACHING EXPERIENCE  Michigan State University  • Graduate Teaching Assistant • Nacroeconomics • Nacroeconomics • Nacroeconomics • Nacroeconomics • Oundergraduate Instructor • Money, Banking and Financial Markets, Online • Undergraduate Teaching Assistant • Advanced Macroeconomics • Fall 2022, Fall 2021, Summer 2021, Spring 2021, and Fall 2020 • Microeconomics and Public Policy • Intermediate Microeconomics • Intermediate Microeconomics • Intermediate Microeconomics • AEA Summer Program • Research Fellow for Advanced Level Research Methods • Tutor for Advanced Microeconomic Theory  Koç University • Undergraduate Teaching Assistant • Intermediate Macroeconomics • Spring 2015, Fall 2016, Spring 2016, Fall 2016 • Tutor for Social Policy Research, TOBB University of Economics and Technology • Assistant Researcher  Foreign Economic Relations Board (DEIK), Istanbul, TURKEY • Research Intern, Strategy and Communication Councellorship  Department of Economics Advisory Committee Member, MSU  Department of Economics Signal Accounting Company Committee Member, MSU  Department of Economics Signal Committee Member, MSU		Koç University Graduate Fell	lowship, M.A., Koç University	2014 – 2016			
Ranked 97th in the National University Entrance Exam (OSS)    TEACHING   Michigan State University		Certificate of High Honor, TO					
TEACHING EXPERIENCE    Graduate Teaching Assistant		Full Scholarship, B.S., TOBE	chnology 2009 – 2014				
Part		Ranked $97^{th}$ in the National I	University Entrance Exam (OSS)	2009			
Part	TEACHING	Michigan State University					
**Undergraduate Instructor*	EXPERIENCE		int				
Money, Banking and Financial Markets, Online   Summer 2019		<ul> <li>Macroeconomics</li> </ul>		Spring 2022			
**Undergraduate Teaching Assistant   Advanced Macroeconomics   Fall 2022, Fall 2021, Summer 2021, Spring 2021, and Fall 2020   Macroeconomics   Macroeconomics   Spring 2021, Fall 2010   Spring 2021, Fall 2010   Spring 2021, Fall 2010   Spring 2021, Fall 2010   Spring 2018   Fall 2020   Spring 2018   Spring 2018   Spring 2019   Spring 2010   Spring 2016   Spring							
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RESEARCH EXPERIENCE  Center for Social Policy Research, TOBB University of Economics and Technology  Assistant Researcher Foreign Economic Relations Board (DEIK), Istanbul, TURKEY  Research Intern, Strategy and Communication Councellorship  UNIVERSITY Department of Economics Advisory Committee Member, MSU Economics Graduate Student Organization Board Member, MSU Graduate Economics First-Year Mentor, MSU MSU Turkish Student Association President  REFERENCES Raoul Minetti (chair) Department of Economics Department of Economics Michigan State University Michigan State University Michigan State University		*					
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