

# Mahdiyeh Entezarkheir

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## EDUCATION

University of Waterloo, Waterloo, Canada, Ph.D., Economics 2010

University of Manitoba, Winnipeg, Canada, M.A., Economics 2004

Azzahra University, Tehran, Iran, B.A., Economics 2001

## CURRENT EMPLOYMENT

Associate Professor (Tenured), Department of Economics, Huron at Western University, Canada 2019-present

## PREVIOUS WORK EXPERIENCE

Assistant Professor, Tenure-Track, Department of Economics, Huron at Western University, Canada 2013-2019

Lecturer, Department of Economics, University of Waterloo, Canada 2009-2011

Research Assistant, Centre for International Governance Innovation, Canada 2006-2007

Research Analyst, Ontario Ministry of Finance, Canada 2006

Research Assistant, University of Manitoba, Canada 2003-2004

## RESEARCH INTERESTS

Applied Industrial Organization, Innovation, Mergers, Competition Policy, Antitrust regulation, Intellectual Property Policy, Diversity, Immigration, and Information and Communication Technology

## RESEARCH OUTPUT

### Publications

#### Peer-reviewed Scientific Articles

Entezarkheir, M., (2025) "Patent Ownership Fragmentation and Firm Growth: Evidence from a Panel of U.S. Firms," *Empirical Economics*, Accepted.

Entezarkheir, M., & Moshiri, S. (2025), "Does Employee's Diversity Help Innovation? Evidence from Canadian Firms," *Industry and Innovation*, 1–18.

<https://doi.org/10.1080/13662716.2025.2546123>. ([Link](#))

Entezarkheir, M., & Moshiri, S. (2025), “Innovation Effects of Information and Communication Technologies: Evidence from Canadian Firms,” *International Journal of Innovation and Technology Management*, 22 (2), pp. 1-23. ([Link](#))

Entezarkheir, M., & Sen, A. (2023), “Productivity, Innovation Spillovers, and Mergers: Evidence from a Panel of U.S. Firms,” *The B.E Journal of Economic Analysis & Policy*, 23 (2), pp. 397-422. ([Link](#))

Entezarkheir, M., & Moshiri, S. (2021), “Innovation Spillover and Merger Decisions,” *Empirical Economics*, 61 (5), pp.2419-2448. ([Link](#))

Entezarkheir, M., & Moshiri, S. (2019), “Is Innovation a Factor in Merger Decisions? Evidence from a Panel of U.S. Firms,” *Empirical Economics*, 57 (5), 2019, pp. 1783-1809. ([Link](#))

Entezarkheir, M. (2019), “Patent Ownership Fragmentation and Market Value: An Empirical Analysis,” *International Journal of Innovation Management*, 23 (2), pp. 138-167. ([Link](#))

Entezarkheir, M., & Sen, A. (2018), “Market value, Mergers, and Market Share: Evidence from a panel of U.S. Firms,” *Managerial and Decision Economics*, 39 (4), pp.498-511. ([Link](#))

Entezarkheir, M., & Moshiri, S. (2018), “Mergers and Innovation: Evidence from a Panel of U.S. Firms,” *Economics of Innovation and New Technology*, 27 (2), pp. 132-153. ([Link](#))

Entezarkheir, M. (2017), “Patent Thickets, Defensive Patenting, and Induced R&D: An Empirical Analysis of the Costs and Potential Benefits of Fragmentation in Patent Ownership,” *Empirical Economics*, 52 (2), pp. 599-634. ([Link](#))

Entezarkheir, M., Sen, A., & Wilson, A. (2010), “Obesity, Smoking, and Cigarette Taxes: Evidence from the Canadian Community Health Surveys,” *Health Policy*, 97 (2), pp. 180-186. ([Link](#))

Entezarkheir, M. (2006), “The Relation between Inflation and Inflation Uncertainty in Iran,” *Iranian Economic Review*, 11 (17), pp. 1-20. ([Link](#))

Entezarkheir, M. (2006), “Why is Iran Experiencing Migration and Brain Drain to Canada?” *34th Annual Conference of the Atlantic Canada Economic Association, Papers & Proceedings*. ([Link](#))

Entezarkheir, M. (2006), “Government’s Support for Innovation: A Literature Review,” *A Report to the Office of Economic Policy, Ontario Ministry of Finance, Queen’s Park*. ([Link](#))

### **Non-refereed Scientific Articles**

Entezarkheir, M. & Moshiri, S. (2025), “The Impacts of Immigration on Canadian Firms’ Innovation and Productivity using CEEDD and CPRD data sets.”

Entezarkheir, M., “Artificial Intelligence and Productivity in Canada.”

Entezarkheir, M., (2025) “Patent Blocking Effects, Merger Likelihood, and Firm Productivity.”

Entezarkheir, M. (2010), “Missing Observations on a Variable: A Comparison of the Listwise Deletion and Indicator Approaches,” Manuscript. ([Link](#))

### **Research in Progress**

Entezarkheir, M. & Roghanizad, M., “Artificial Intelligence and Job Satisfaction.”

Entezarkheir, M., “Patents, Entry, and Competition.”

### **Grants, Honours, and Awards**

Moira Sansom Award for Outstanding Faculty Research	2024
SSHRC Productivity Partnership Grant	2024-2025
Targeted Research Grant	2024-2026
Technology Grant	2024-2025
Huron Research Grant	2012-2026
Huron Conference Grant	2012-2026
Technology Support Grant	2019-2020
Joint CRESSE Fellowship of Rotman School of Management and Sauder School of Business	2018
Targeted Research Fund	2016-2017
Doctoral Thesis Completion Award, University of Waterloo	2009
Kenneth Stollery Memorial Graduate Award, University of Waterloo	2009
Arts Graduate Experience Award, University of Waterloo	2008-2009
Annual Conference Travel Grant, Canadian Economic Association	2008
Balsillie Fellowship, Centre for International Governance Innovation	2006-2007
Departmental Scholarship, University of Waterloo	2006-2007
Merit Scholarship, University of Waterloo	2005-2006
Graduate Entrance Scholarship, University of Waterloo	2004-2005
International Graduate Student Award, University of Waterloo	2004-2007
Graduate Fellowship, University of Manitoba	2002-2004

### **TEACHING and SUPERVISION**

#### **Supervision**

Supervisor to Chuqiao Sun, Department of Economics, For the Center for Undergraduate Research Learning (CURL) Fellowship Program, Huron at Western University, 2019.

Supervisor to 52 honors’ research papers for Economics of Innovation and Intellectual Property course, Department of Economics, Huron at Western University, 2011-2021.

20 students presented their paper at Huron’s CURL Conference from 2017 to 2019.

Supervisor to 114 research papers of students in the 3<sup>rd</sup> year Industrial Economics course, Department of Economics, Huron at Western University, 2011-2022.

43 students presented their paper at the CURL Conference from 2017 to 2019.  
 Supervisor to 40 research papers of students in Research Method course, Department of Economics, Huron at Western University, 2011-2019.

15 students presented their paper at the CURL Conference in 2019.  
 Mentoring and supervision of individual students: Victor Morales-Bobier, Bayan Saidam, Dawei Li, Yoshiki Nakajima, Aaryan Lakhani Paul, Pedro Jose Martinez Alanis, Madison Kerr, Jordan Thomas Wall, Jonas Welisch.

**Teaching Experience**

Industrial Organization	2011- 2025
Research Methods	2011-2019
Innovation and Intellectual Property	2011- 2021
Advanced Microeconomics	2012-2025
Intermediate Microeconomics	2012-2025
Intermediate Econometrics	2012-2025
Scholar’s Elective Lecture	2019

**Courses Taught at the University of Waterloo**

Microeconomic Theory	2009-2011
Mathematical Economics	2009-2011

**Teaching Development Activities**

Peer-to-Peer Mentoring at the AEA	2023-2024
CWEN Mentoring by CEA	2016
Brescia Workshop	
CeMENT Workshop by AEA	2015
Teaching Square Program by UWO	2015
Certificate in University Teaching (University of Waterloo)	2009
Centre for Teaching Excellence	

**OTHER**

**Research Presentation**

**Invited Presentations at Universities**

Huron at Western University	2025
Huron at Western University	2024
King’s University College, Department of Economics	2023
Western University, Department of Economics	2018
Huron at Western University	
Wilfrid Laurier University, Department of Economics	2017
Sharif University of Technology, Department of Economics	
Research Institute of Science, Technology and Industry Policy	
Institute for Management and Planning Studies	
Khajeh Nasir Toosi University, Department of Electrical Engineering	
University of Saskatchewan, College of Agricultural and Bioresources	
Western University, Department of Economics	2016
University of Guelph, Department of Economics	
Huron at Western University	

Sharif University of Technology, Department of Economics Institute for Management and Planning Studies Western University, Department of Economics Huron at Western University	2015
Sharif University of Technology, Department of Economics Allameh Tabatabayee University, Department of Economics Institute for Management and Planning Studies Huron at Western University	2014
Western University, Department of Economics	2013
University of Guelph, Department of Economics	2012
Sharif University of Technology, Department of Economics	
University of Vienna, Department of Economics	2011
University of Waterloo, Department of Economics	2010
University of Waterloo, Department of Economics	2009
University of Waterloo, Department of Economics	2008

### **Conference Presentations**

Canadian Research Data Centre Network Conference	2025
Canadian Economic Association Annual Meeting	
Canadian Economic Association Annual Meeting	2024
International Conference on Empirical Economics at PSU-Altoona	
International Industrial Organization Conference (Accepted not attended)	
Western Economic Association International Conference	2023
Canadian Economic Association Annual Meetings	
International Conference on Empirical Economics at PSU-Altoona	
Canadian Research Data Centre Network Conference (Accepted not attended)	
Canadian Economic Association Annual Meetings	2022
Canadian Economic Association Annual Meetings	2021
Canadian Economic Association Annual Meetings	2019
European Association for Research in Industrial Economics RCEA Growth, Innovation and Entrepreneurship	
International Industrial Organization Conference	2018
Canadian Economic Association Annual Meetings	
CRESS Competition and Regulation Summer School (Accepted not attended)	
European Association for Research in Industrial Economics (Accepted not attended)	
13 <sup>th</sup> Athens Annual International Symposium on Economics Theory, Policy, and Application (Accepted not attended)	
American Economic Association Annual Meetings	2017
International Conference on Technology, Knowledge & Society Spring Meeting of European Association of Young Economists (Accepted not Attended)	
Rimini Conference in Economics and Finance	2016
Canadian Economic Association Annual Meetings	

Southern Economic Association (Accepted not attended)	
European Association for Research in Industrial Economics (Accepted not attended)	
CeMENT Workshop by AEA	
International Industrial Organization Conference	
Canadian Economic Association Annual Meetings	2015
European Association for Research in Industrial Economics	
International Industrial Organization Conference	
The Canadian Economic Association Annual Meetings	2014
European Association for Research in Industrial Economics (Accepted not attended)	2013
The Canadian Economic Association Annual Meetings	
International Industrial Organization Conference	2012
The Canadian Economic Association Annual Meetings	2009
European Association for Research in Industrial Economics	
The Canadian Economic Association Annual Meetings	2008
Small Open Economies in the Globalized World	
Atlantic Canada Economic Association	2005

### **In the Media**

Entezarkheir, M. (Jan 27, 2021) “ Facebook Antitrust Lawsuit: Why Monopolies Might Be Good for Innovation,” Podcast by GetConnectedMedia.com  
<https://podcasts.apple.com/us/podcast/facebook-antitrust-lawsuit-why-monopolies-might-be/id327236166?i=1000507119355>

Entezarkheir, M., & Sen, A. (2018), “Market value, Mergers, and Market Share: Evidence from a panel of U.S. Firms,” *Managerial and Decision Economics*, 39 (4), pp.498-511.

Featured by:

*University of Waterloo News, June 5, 2018.*

*Science Daily, June 5, 2018.*

*IE Investment Executive, June 5, 2018.*

*PHYS.ORG, June 5, 2018.*

*Post, June 11, 2018*

### **Referee Services**

Economics of Innovation and New Technology, Managerial and Decision Economics, SSHRC Insight Grant, Empirical Economics, Journal of Technology Transfer, Innovation: Management, Policy & Practice, European Journal of Health Economics, Journal of Industry, Competition, and Trade, Iranian Economic Review, Quarterly Journal of New Economy and Trade.

### **Member of Editorial Board**

Quarterly Journal of New Economy and Trade (Iran)

Journal of Economic Research (Iran)

### **Reviews**

Review of the open source article: The COVID 19 vaccine patent race (June 01, 2022)  
(Available at: <https://www.qeios.com/read/47B7UA>)

### **Discussant and Moderator at Conferences**

Canadian Economic Association Annual Meetings, 2025  
Zakat Conference, 2025  
Canadian Economic Association Annual Meetings, 2024  
International Conference on Empirical Economics at PSU-Altoona, 2024  
Western Economic Association International Conference, 2023  
International Conference on Empirical Economics at PSU-Altoona, 2023  
Canadian Economic Association Annual Meetings, 2021  
Canadian Economic Association Annual Meetings, 2019  
Research Roundtable on Standard-Setting Organizations and Patents in Searle Center of Pritzker School of Law at North Western University, 2018  
Eleventh Annual Searle Center Conference on Innovation Economics, 2018  
International Industrial Organization Conference, 2018  
International Industrial Organization Conference, 2016  
Rimini Conference in Economics and Finance, 2016  
International Industrial Organization Conference, 2015  
Canadian Economic Association Annual Meetings, 2015  
International Industrial Organization Conference, 2013  
Canadian Economic Association Annual Meetings, 2013  
Canadian Economic Association Annual Meetings, 2012  
International Industrial Organization Conference, 2009  
Canadian Economic Association Annual Meetings, 2009  
Canadian Economic Association Annual Meetings, 2008

### **Membership in University Committees**

HUCFA Finance Committee, 2025.  
Advisory Committee on Faculty Awards, 2024-2027.  
Economic Department Review, 2024-2025.  
Academic Council, 2024.  
Economics Department Hiring Committee, 2024.  
Academic Council, 2019-2023.  
HUCFA Budget Committee, 2023  
Economics Department Hiring Committee, 2020-2021.  
Equity and Diversity Committee, 2021.  
Faculty Awards Committee, 2019-2020.  
Research Complaint Committee, 2019-2020.  
Academic Council Review Board, 2019-2020.  
President's Advisory Committee on Budget, 2019-2020.  
CURL Steering Committee, 2019-2020.  
Research Committee, 2018-2020.  
Medal of Distinction Committee, 2018-2019.  
Economics Department Hiring Committee, 2018-2019.

Equity and Diversity Committee, 2017-2018.

Centre for Undergraduate Research Learning (CURL) Associate, 2016-present.

Research Committee, 2017

Economic Department Review, 2016.

Steering Committee of the Centre for Undergraduate Research Learning (CURL), 2015-2016.

HUCFA Committee on Spousal Appointment, 2015.

Selection Committee for the Position of Coordinator, Writing Services, 2015.

Economics Department Hiring Committee, 2015.

### **Other Memberships**

American Economic Association.

Canadian Economics Association.