# Matthew F. Mitchell

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## Personal Information:

**Date of Birth:** October 29, 1972

**Citizenship:** United States (Canadian Permanent Resident)

## Education:

### University of Rochester

**Ph.D. in Economics:** Summer 1997

**M.A. in Economics:** October 1995

### Pennsylvania State University

**B.S. in Economics:** May 1992

## Positions:

Professor, University of Toronto, 2012-Present

Associate Professor, University of Toronto, 2007-2012.

Associate Professor, University of Iowa, 2006-2007.
Larry and Lori Wright Faculty Fellow, 2003-2006

Assistant Professor, University of Iowa, 2001-2006

Adjunct Consultant, Federal Reserve Bank of Minneapolis, 1997-2003

Assistant Professor, University of Minnesota, 1997-2001

## Editorial Service:

Co-Editor, *Journal of Industrial Economics* (2018-Present)

Associate Editor, *RAND Journal of Economics* (2013-Present)

Associate Editor, *Journal of Economic Theory* (2013-Present)

Associate Editor, *American Economic Review* (2012-2015)

Associate Editor, *Review of Economic Dynamics* (2008-2014)

Associate Editor, *International Economic Review* (2007-2012)

Associate Editor, *Economics Bulletin* (2007-2009)

## Publications:

* “The Scope and Organization of Production: Firm Dynamics over the Learning Curve”, *The RAND Journal of Economics* (2000), Vol. 31, no. 1.
* “Innovation Variety and Patent Breadth,” (with Hugo Hopenhayn), *The RAND Journal of Economics* (2001), Vol. 32, no. 1, also NBER working paper 7070.
* “Technological Change and the Scale of Production,” *Review of Economic Dynamics* (2002), Vol. 5, no. 2.
* “Comment on: Strategic Innovation and Technology Adoption in an Evolving Industry,” *Journal of Monetary Economics* (2004), Vol. 51, no. 1.
* “Specialization and the Skill Premium in the 20th Century,” *International Economic Review* (2005), Vol. 46, no.3.
* “Persistent Distortionary Policies with Asymmetric Information,” (with Andrea Moro), *American Economic Review* (2006), Vol 96, no. 1
* “Network Externalities and Long-Run Market Share” (with Andy Skrzypacz), *Economic Theory* (2006), Vol. 29, no.3.
* “Employment Mobility Laws and Competition,” (with April Franco), *Journal of Corporation Law* (2006), Vol. 31, no.1.
* **“Rewarding Sequential Innovators: Patents, Prizes, and Buyouts,” (with Gerard Llobet and Hugo Hopenhayn), *Journal of Political Economy* (2006), Vol 115, no.6.**
* “Why do Incumbents Win? Evidence from the U.S. Senate” (with Gautam Gowrisankaran and Andrea Moro), *Review of Economic Dynamics* (2008), Vol. 11, no.1.
* “A Theory of Factor Allocation and Plant Size”(with Thomas Holmes), *RAND Journal of Economics* (2008), Vol. 38, no.2, also NBER working paper 10079.
* “Covenants Not to Compete, Labor Mobility, and Industry Dynamics,” (with April Franco), *Journal of Economics and Management Strategy* (2008) Vol. 17, Issue 3, pp. 581-606.
* “Unemployment Insurance with Hidden Savings,” (with Yuzhe Zhang), *Journal of Economic Theory* (2010) Vol. 145, Issue 6, pp. 2078-2107.
* **“Incentives and the Structure of Teams (with April Franco and Galina Vereshchagina), *Journal of Economic Theory* (2011) Vol. 146, issue 6, pp. 2307-2332.**
* **“Mechanisms for Allocation and Decentralization of Patent Rights” (with Gerard Llobet and Hugo Hopenhayn), in *Advances in Economics and Econometrics: Theory and Applications,* Daron Acemoglu, Manuel Arellano, and Eddie Dekel, ed., (2012) Cambridge University Press.**
* “Shared Patent Rights and Technological Progress” (with Yuzhe Zhang) *International Economic Review* (2015) Vol. 56, Issue 1, pp. 95-132.
* “A Theory of Market Pioneers, Dynamic Capabilities and Industry Evolution” (with Andy Skrzypacz), *Management Science* (2015) Vol 61, pp.1598-1614.
* “An Economic Theory of Dynamic Capabilities” (with April Franco and Andy Skrzypacz) *The Oxford Handbook of Dynamic Capabilities* (Edited by David J. Teece and Sohvi Leih),
* “Market Outcomes and Dynamic Patent Buyouts” (with Alberto Galasso and Gabor Virag), *International Journal of Industrial Organization* (2016), Vol. 48, September 2016, Pages 207–243.
* "A Theory of Grand Innovation Prizes" (with Alberto Galasso and Gabor Virag), *Research Policy* Vol. 47, Issue 2, March 2018, Pages 343-362
* Artificial Intelligence, Innovation, and Intellectual Property Policy; Discussion of Cockburn, Henderson, and Stern, forthcoming in *The Economics of Artificial Intelligence: An Agenda*, Ajay K. Agrawal, Joshua Gans, and Avi Goldfarb, editors, University of Chicago Press

### Conference Presentations

* C.V. Starr Conference, New York University, December 1996
* Midwest Macroeconomics Conference, Spring 1997

#### Technological Change and the Scale of Production

* Midwest Mathematical Economics Conference, Spring 1997
* Econometric Society, Winter Meetings 1998
* Empirical Growth and Vintage Capital, Carlos III, Madrid, Spain, 1998
* Workshop in Dynamic General Equilibrium, Vigo, Spain, 1998
* Society for Economic Dynamics, Summer 1999
* Midwest Macroeconomic Conference, Summer 2000

#### Innovation Variety and Patent Breadth

* Econometric Society Winter Meetings 1999
* NBER Conference on the Patent System and Innovation, January 1999

#### Specialization in the 20th Century

* Society for Economic Dynamics, Summer 2001

#### Rewarding Sequential Innovators

* Econometric Society World Congress, Summer 2000
* Texas-Northwestern-Duke Conference on IO Theory, Spring 2002

#### Network Externalities and Long-Run Market Shares

#### Society for Economic Dynamics, Summer 2002

### A Theory of Factor Allocation and Plant Size

* Minnesota Workshop in Macroeconomic Theory, 2003

### Why do Incumbents Win? Evidence from the U.S. Senate

* Society for Economic Dynamics, Summer 2003

#### Dynamic Oligopoly with Network Effects

* Society for Economic Dynamics, Summer 2004

#### Covenants Not to Compete

* Midwest Macroeconomics Meetings, Summer 2005

### Market Structure and the Direction of Technological Change (A Theory of Market Pioneers)

* International Industrial Organization Conference, Spring 2006
* Society for Economic Dynamics, Summer 2006
* UBC Summer IO Conference, Summer 2008
* DRUID 2012

### Optimal Unemployment Insurance with Hidden Savings

* Minnesota Workshop in Macroeconomic Theory, 2007

### Repeated Tournaments:

* Society for Economic Dynamics, Summer 2009

**Optimal Patent Policy with Recurrent Innovators**

* Society for Economic Dynamics, Summer 2010
* American Economic Review Winter Meetings 2011
* NBER Conference on Patents, Standards, and Innovation, January 2012

**Shared Rights and Technological Progress**

* TILEC Patent Conference, Tilberg University
* DRUID 2013

**Mechanism Design for Designs**

* IIOC 2015
* 2015 CIRANO-CIRPÉE Conference on Industrial Organization at HEC Montreal
* Mannheim Workshop in Innovation Economics

**Market Outcomes and Dynamic Patent Buyouts**

* DRUID 2014
* IIOC 2015
* XI Simposio Nacional de Microeconomia, Bogota

**Free Ad(vice)**

* EARIE 2016 (Invited Session)
* Auctions, Competition, Regulation and Public Policy conference, May 2017 Lancaster University
* 7th Annual International Conference on Industrial Economics, June 2017, Zhejiang University
* Becker Friedman Theory Conference III, Dynamics and Information, July 2017, University of Chicago
* Tenth Annual Federal Trade Commission Microeconomics Conference, November 2017, Federal Trade Commission

Other:

* Midwest Mathematical Economics Conference, Fall 1996
* Discussant, American Economics Association Winter Meetings 2003
* Discussant, Carnegie-Rochester Conference, April 2003
* Discussant, Econometric Society Winter Meetings, 2006
* Discussant, **Philadelphia Workshop on Monetary and Macroeconomics, March 2007**
* **Discussant, Economics of Entrepreneurship and Innovation, Queens University, 2009**
* **Discussant, Canadian Macro Study Group, November 2010**
* **Discussant, American Economic Review Winter Meetings 2011**
* **Discussant, Roundtable on Engineering Entrepreneurship Research 2011**
* **Discussant, Economics of Entrepreneurship and Innovation, Queens University, 2011**
* **Discussant, NBER Productivity, Innovation, and Entrepreneurship, Spring Program 2012**
* **Discussant, Roundtable on Engineering Entrepreneurship Research 2013**
* **Discussant, IIOC, April 2015**
* **Discussant, 40th Fall Conference, Federal Reserve Bank of St. Louis , October 2015**
* **Discussant, TILEC (Tilberg) conference on Competition, Standardization, and Innovation, December 2015, Amsterdam**
* Discussant, EARIE 2017
* Discussant, NBER AI Conference September 2017
* Discussant, TILEC Conference on Patents and Standards, December 2017

## Other Presentations The Scope and Organization of Production

* Arizona State University
* Carnegie-Mellon University
* Duke University
* Federal Reserve Bank of Cleveland
* Federal Reserve Bank of Kansas City
* Federal Reserve Bank of Minneapolis
* Federal Reserve Board of Governors
* Harvard University
* Indiana University
* Iowa State University
* ITAM
* McGill
* New York University
* Northern Illinois University
* Northwestern University (Department of Economics)
* Northwestern University (Kellogg)
* Ohio State University
* Penn State University
* Purdue University
* Queens University
* Rice University
* Stanford University
* UCLA
* University of Arizona
* University of British Columbia
* University of Georgia
* University of Houston
* University of Illinois
* University of Iowa
* University of Manitoba
* University of Minnesota
* University of Notre Dame
* University of Pennsylvania
* University of Rochester (Department of Economics)
* University of Rochester (Simon School of Business)
* University of Toronto
* University of Western Ontario
* Vanderbilt University
* Washington University in St. Louis

## Referee:

* *AEJ Microeconomics*
* *AEJ Macroeconomics*
* *American Economic Review*
* *Berkeley Electronic Press*
* *Canadian Journal of Economics*
* *Econometrica*
* *Economic Letters*
* *Economic Theory*
* *Economics Bulletin*
* *Economica*
* *European Economic Review*
* *Games and Economic Behavior*
* *International Economic Review*
* *International Journal of Industrial Organization*
* *Journal of Economic Behavior and Organization*
* *Journal of Economic Growth*
* *Journal of Economic Theory*
* *Journal of Economics and Management Strategy*
* *Journal of the European Economics Association*
* *Journal of Finance*
* *Journal of Industrial Economics*
* *Journal of Law and Economics*
* *Journal of Law, Economics, and Organizations*
* *Journal of Monetary Economics*
* *Journal of Political Economy*
* *Journal of Public Economics*
* *Journal of Urban Economics*
* *Management Science*
* *National Science Foundation*
* *RAND Journal of Economics*
* *Review of Economic Dynamics*
* *Review of Economic Studies*
* *Scandinavian Journal of Economics*
* *SSHRC*

Excellence in Refereeing Award, American Economic Review, 2012

## Grants and Awards:

### University of Toronto:

Connaught Fund, 2007-2008

Professor of the Year Award, AM Program, 2007-2008

Excellence in Teaching Award, 2007-2008, 2008-2009, 2009-2010, 2010-2011

### SSHRC:

Standard Award, 2009

### University of Iowa:

Old Gold Summer Fellowship, 2002, 2003

Dean's Teaching Award, 2005

### NSF:

NSF Award for Beginning Academics, 1998-1999

### University of Minnesota:

Grant-in-Aid, 1997-1998, 2000-2001

International Travel, 1998

CLA Research Grant, 1997, 1998

Summer Research Fellowship, 1998