

# Megan MacGarvie

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## Appointments

- 2011-present Associate Professor, Markets, Public Policy and Law  
Boston University School of Management
- 2003-2011 Assistant Professor, Finance and Economics (2003-2009) and Markets,  
Public Policy and Law (2009-2011)  
Boston University School of Management
- 2005-present Faculty Research Fellow, Productivity Program  
National Bureau of Economic Research

## Education

- 2003 Ph.D. in Economics, University of California at Berkeley
- 1998 M.A. in Economics, University of Toronto
- 1997 B.A. (First Class Honours) in Economics and English, McGill University

## Published Papers

- “Access to Intellectual Property for Innovation: Evidence on Problems and Coping Strategies from German Firms” with Iain M. Cockburn and Elisabeth Mueller. In press, *Research Policy*
- “The Effects of the Foreign Fulbright Program on Knowledge Creation” with Shulamit Kahn, *The Rate and Direction of Inventive Activity Revisited (2012)*, Josh Lerner and Scott Stern, editors (p. 161 - 197) Chicago: University of Chicago Press, 2012.
- “Regulatory Policy and the Location of Biopharmaceutical Foreign Direct Investment in Europe” with Pamina Koenig. *Journal of Health Economics*. Sep 2011,;30(5):950-65
- “Entry and Patenting in the Software Industry” with Iain Cockburn, *Management Science*, Volume 57, May 2011, p. 915-933
- “The Private Value of Software Patents” with Bronwyn H. Hall, *Research Policy*, Volume 39, Issue 7, September 2010, p. 994-1009.
- “Patent Thickets, Licensing and Innovative Performance” with Iain M. Cockburn and Elisabeth Müller, *Industrial and Corporate Change*, Volume 19, Issue 3, 2010, p. 899-925.
- “Patents, Thickets, and the Financing of Early-Stage Firms: Evidence from the Software Industry” with Iain M. Cockburn, *Journal of Economics & Management Strategy*, Volume 18, Number 3, Fall 2009, p. 729-773
- “Organizational Innovation and Academic Collaboration: The Role of Universities in the Emergence of U.S. Pharmaceutical Research Laboratories” with Jeffrey L. Furman, *Industrial and Corporate Change*, Volume 18, number 5, 2009, p. 929-961.

“When the Pill Peddlers met the Scientists: The Antecedents and Implications of Early Collaborations Between US Pharmaceutical Firms and Universities” with Jeffrey L. Furman, *Essays in Economic and Business History*, Volume XXVI, 2008, p. 133-146.

“Academic Science and the Birth of Industrial Research in the U.S. Pharmaceutical Industry” with Jeffrey L. Furman, *Journal of Economic Behavior and Organization*, Volume 63, Issue 4, August 2007, p. 573-576.

“Do Firms Learn from International Trade?” *The Review of Economics and Statistics*, Volume 88, Issue 1, February 2006, p. 46-60.

“How well do Patent Citations Measure Flows of Technology? Evidence from French Innovation Surveys” with Emmanuel Duguet, *Economics of Innovation and New Technology*, Volume 14, Number 5, July 2005, p. 375 - 393.

“The Determinants of International Knowledge Diffusion as Measured by Patent Citations” *Economics Letters*, Volume 87, Issue 1, April 2005, p. 121-126

### **Works in Progress:**

“How Important Is US Location for Research in Science?” with Shulamit Kahn. Conditionally accepted for publication, *Review of Economics and Statistics*

“Should countries adopt policies requiring the return of science Ph.D. students who study abroad?” with Shulamit Kahn

“Opportunity Costs and Entrepreneurship Among the Foreign-Born” with Giulia La Mattina, Shulamit Kahn and Donna Ginther

“Foreign Students and International Knowledge Diffusion”

“Dead Poets’ Property: The Copyright Act of 1814 and the Price of Literature in the Romantic Period”, with Xing Li and Petra Moser

“Do Stronger Copyright Laws Encourage the Diffusion of Ideas and Improve the Quantity and Quality of Literary Output?” with Petra Moser

“How do Agglomerations of Innovative Firms Evolve? The Location of Industrial Research in the United States, 1920-1985” with Mercedes Delgado-Garcia

### **Grants and Awards**

- Grant from Tilburg University Law and Economics Center for Innovation, Intellectual Property and Competition (joint with Elisabeth Mueller (ZEW) and Iain Cockburn (BU))
- Investigator on Ewing Marion Kauffman Foundation grant to BU Law School for research on “Law, Innovation and Growth” (Principal Investigator: Michael Meurer)
- Co-PI on National Science Foundation Grant SBE-0738371: “Collaborative Research MOD: Contributions of Foreign Students to Knowledge Creation and Diffusion” (with Shulamit Kahn and Donna Ginther).

- Senior Investigator on National Science Foundation Grant SES-0527657 “Harnessing Patent Data for Social Science Research” (Principal Investigators: Iain Cockburn, Bronwyn Hall, Woody Powell and Manuel Trajtenberg)
- 2002 UC Berkeley Dean’s Normative Time Fellowship
- 2001 John M. Olin Foundation Research Fellowship
- 2001 Center for Studies in Higher Education Research Grant
- 1998-2002 UC Berkeley non-resident tuition waivers
- 1998 UC Berkeley first year fellowship (Block Grant)
- 1997 University of Toronto Open Fellowship
- 1997 Cherry Prize in Economics, McGill University
- 1993-1997 McGill Dean’s List
- 1993-1995 McGill Student/Athlete Honour Roll
- 1994 McGill Alumnae Fellowship and the James McGill Award

### **Presentations**

- September 2012: NSF/NAAS SciSP PI’s conference, Washington, DC
- August 2012: Academy of Management Annual Meetings, Boston, MA
- July 2012: NBER Summer Institute (discussant), Cambridge, MA
- April 2012: UC Merced Economics Dept. research seminar, Merced, CA
- November 2011: REER (discussant), Atlanta, GA
- June 2011: Queen’s University Entrepreneurship and Innovation Conference (discussant), Kingston, ON; Canadian Economics Association Annual Meetings (presenter and session organizer) (Ottawa, ON)
- November 2010: Association for Public Policy Analysis and Management Annual Meetings, Boston, MA
- October 2010: NBER conference on the Rate and Direction of Inventive Activity, Warrenton, VA.
- October 2009: Atlanta Conference on Science and Innovation Policy, Atlanta, GA.
- July 2009: NBER/Kauffman “Rate and Direction” Pre-Conference, Dana Point, CA. NBER Summer Institute (Innovation Policy and the Economy Day), Cambridge, MA.
- June 2009: Queen’s University Entrepreneurship and Innovation Conference, Kingston, ON.
- May 2009: NBER Cities and Entrepreneurship Conference (discussant)
- April 2009: International Industrial Organization Conference, Boston, MA
- January 2009: American Economics Association Annual Meetings, San Francisco.
- May 2008: BPS Jr. Faculty Mini-conference, Massachusetts Institute of Technology.
- March 2008: OECD Workshop on the Harmonisation of Applicants’ Names in Patent Data, Paris (tele-conference presentation).
- November 2007: Career Patterns of Foreign-born Scientists and Engineers, Trained and/or Working in the U.S., The Science and Engineering Workforce Project of the National Bureau of Economic Research; University of Toronto Rotman School of Management Business Economics Seminar; NBER Economics of Agglomeration meetings (discussant)
- October 2007: McMaster University Economics Departmental Seminar
- September 2007: NBER-Kauffman conference on Entrepreneurship: Strategy and Structure, Jackson Hole, WY.
- July 2007: NBER Pre-conference on the Location of Biopharmaceutical Activity; NBER Summer Institute (discussant)

- January 2007: AEA Meetings (discussant); NBER's Entrepreneurship and Innovation Policy and the Economy Program Pre-conference "Entrepreneurship: Strategy and Structure"
- December 2006: NBER Productivity meetings (discussant); Roundtable on Engineering Entrepreneurship Research (REER), Georgia Tech
- November 2006: NBER Higher Education Working Group, Cambridge, MA
- October 2006: Strategy Workshop, Fuqua School of Business, Duke University; NSF Workshop on Using Human Resource Data from NSF Science Resources Statistics to Study the Science and Engineering Workforce, Arlington, VA
- September 2006: ExTra Workshop "Technology transfer from universities: A critical appraisal of patents, spin-offs and human mobility", Lausanne, Switzerland
- June 2006: Federal Reserve Board Research Seminar
- May 2006: Canadian Economics Association Annual Meetings, Montreal (presenter and session organizer).
- April 2006: International Industrial Organization Conference, Boston, MA
- April 2005: NBER conference "Academic Science and Entrepreneurship: Dual Engines of Growth?", Santa FE, NM
- April 2005: International Industrial Organization Conference, Atlanta, GA
- February 2005: Harvard Economic History Workshop
- September 2004: Economic History Association Annual Meetings, San Jose, CA
- July 2004: Academic Science and Entrepreneurship: Dual Engines of Growth? Pre-Conference, NBER, Cambridge
- June 2004: Canadian Economics Association Annual Meetings, Toronto November 2003: Roundtable on Engineering Entrepreneurship Research (REER), Georgia Tech; Empirical Investigations in International Trade, Purdue University; Economics Department Seminar, Northeastern University
- August 2003: R&D, Education, and Productivity: An International Conference in Memory of Zvi Griliches (1933-1999)
- May 2003: Center for Studies in Higher Education Research Colloquium
- October 2002: INSEE Research Seminar
- August 2002: NBER Summer Institute pre-conference for R&D, Education, and Productivity: An International Conference in Memory of Zvi Griliches (1933-1999)
- 1998-2003 Additional presentations of work in progress at the 2002 CCC Doctoral Consortium, UC Berkeley Innovation Seminar, IO lunch, Macroeconomics Seminar, and International/Macro Lunch, and the NBER Productivity Lunch.

### **Refereeing**

*American Economic Review, Annales d'économie et de statistique, Canadian Journal of Economics, Economics of Innovation and New Technology, The Economic Journal, Industrial and Corporate Change, International Journal of Electronic Business, International Journal of Industrial Organization, Journal of Applied Econometrics, Journal of Cultural Economics, Journal of the European Economic Association, Journal of Industrial Economics, Journal of International Economics, Management Science, Rand Journal of Economics, Review of Economics and Statistics, Research Policy, Strategic Management Journal*