

Megan MacGarvie

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Appointments

- 2003-present Assistant Professor, Department of Finance and Economics
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

Publications

“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* 2009 18(5):929-961

“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 , pp. 729-773(45)

“When the Pill Peddlers met the Scientists: The Antecedents and Implications of Early Collaborations Between US Pharmaceutical Firms and Universities”. *Essays in Economic and Business History*, 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, Pages 573-576.

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

“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, pages 375 - 393.

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

Working Papers

“Patent Thickets, Licensing and Innovative Performance” with Iain Cockburn and Elisabeth Müller. *ZEW - Centre for European Economic Research Discussion Paper No. 08-101*, conditionally accepted at *Industrial and Corporate Change*.

“Entry, Exit and Patenting in the Software Industry” with Iain Cockburn, *NBER Working Paper #12563*. Under second round review at *Management Science*.

“The Private Value of Software Patents” with Bronwyn H. Hall. Revise and Resubmit at *Research Policy*.

“Regulatory Policy and the Location of Biopharmaceutical FDI in Europe” with Pamina Koenig. Under review at the *Journal of Health Economics*.

“How Important Is Location for Research in Science?” with Shulamit Kahn

Research in Progress

“Innovation and Entrepreneurship Among Foreign-Born Scientists in the U.S.” with Donna K. Ginther and Shulamit Kahn, in progress.

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

“Foreign Students and the International Diffusion of Scientific and Technical Knowledge”

Grants and Awards

- Tilburg University Law and Economics Center IIPC (Innovation, Intellectual Property and Competition) grant (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

- 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)
- 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.
- 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.

Other Employment

- 2001-2002 Research Assistant to Scott Stern and Adam Jaffe
- 2000-2001 Research Associate (for Chiaki Moriguchi), Harvard Business School
- 1999-2000 Graduate Student Instructor, UC Berkeley
 - Economics 100B “Intermediate Macroeconomics”
 - Economics 113 “American Economic History”

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, Journal of Applied Econometrics, 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.