

BIBI ZORINA KHAN

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Citizenship: United States

Education

B.Sc. (First Class Honours), University of Surrey, England (1981)
M.A. (Economics), McMaster University, Canada (1982)
Certificate (Technology Policy), IDRC, Ottawa (1984)
Ph.D. (Economics), University of California at Los Angeles (1991)

Employment

2002-	Associate Professor, Bowdoin College
1996 to 2002	Assistant Professor, Economics Bowdoin College, Brunswick, ME
1994 to 1996	Visiting Assistant Professor, Economics University of California, Los Angeles Economics and Business Program
1990 to 1994	Assistant Professor, Finance Group College of Business, Northeastern University MBA Program, High Technology Executive MBA

Consultant: World Bank
British Commission on Intellectual Property Rights
British Commonwealth Secretariat

Referee

Journal of Economic History (Editorial Board); Journal of the Early Republic ; Economic History Review; Australian Economic History Review; Economic Inquiry ; Law and History Review; Technology and Culture; Journal of Law and Economics; Journal of American History, International Review of Law and Economics; National Science Foundation; UNC Press ; Yale University Press; World Bank; Social Science Research Council, Canada; National Science Council, China.

Honours and Awards	
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2009	Fellow, Engelberg Center for Law and Innovation, NYU Law School
2008-	Research Associate, National Bureau of Economic Research
2007-	Principal Investigator, NSF Grant (\$372,000)
2007-	Trustee, Cliometric Society
2007-8	Visiting Scholar, UC_Berkeley School of Law
2008	Convenor, Nevins Prize Dissertation Session, EHA
2007-8	Economic History Association Representative to ASSA Co-Organizer, EHA sessions at ASSA meetings
2007-8	Co-Organizer, DAE Summer Institute, NBER
2006	Alice Hanson Jones Biennial Prize (outstanding book in American economic history)
2002-6	Editorial Board, <u>Journal of Economic History</u>
2006	Faculty Research Grant
2006--	Editorial Board, <u>Latin American and Caribbean Journal of Legal Studies</u>
2004-5	Visiting Scholar, Harvard University
2004-5	Griliches Fellowship, National Bureau of Economic Research (awarded once every two years to an empirical economist)
2004	Programme Chair, EHA Meeting
2003	Kenan Fellow
2003	Faculty Research Grant
2003	Course Development Funding
2002	Featured Scholar, Cliometrics Society
2001--	Faculty Research Fellow, National Bureau of Economic Research
2001-2	Visiting Scholar, Economics, Harvard University
2001	Fletcher Faculty Research Grant
2001	Course Development Funding
1999-2000	Visiting Scholar UCLA School of Law
2000	Porter Fellowship
1998	Sloan Foundation Travel Grant
1998	Bowdoin Faculty Development Grant
1997	Senior Fellow Lemelson Center for Invention and Innovation Smithsonian Institution
1996	Law & Society Summer Institute
1995	Research Scholar UCLA Center for the Study of Women
1995	Visiting Research Fellow Institute for Advanced Studies, Australian National University
1994	Cole Research Award Economic History Association
1992	Teaching Excellence Committee Award Northeastern University
1992	Center for Technology Mgt. Award
1989	UCLA Travel Fellowship
1987	UCLA Graduate Fellowship
1984-1987	Fulbright Scholar

Publications

Books

B. Zorina Khan, The Democratization of Invention: Patents and Copyrights in American Economic Development. NBER and Cambridge University Press (2005). Paperback edition 2009.

(Alice Hanson Jones Prize for an outstanding book in American economic history published during previous two years.)

Published and Forthcoming Articles

B. Zorina Khan, “Going for Gold: Industrial Fairs and Innovation in the Nineteenth-Century United States,” Revue Economique, Special Issue on “Innovation without Patents” (forthcoming 2010). (Invited Submission)

B. Zorina Khan, “War and the Returns to Entrepreneurial Innovation among U.S. Patentees, 1790-1870,” Special issue on the Cliometrics of Patents, Brussels Economic Review (forthcoming 2010). (Invited Submission)

B. Zorina Khan, “Founding Choices: Legal traditions, intellectual property and technological innovation,” in Douglas Irwin and Richard Sylla (eds), Founding Choices: American Economic Policy in the 1790s, NBER and University of Chicago (forthcoming, 2010).

B. Zorina Khan, “Premium Inventions: Patents and Prizes as Incentive Mechanisms in Britain and the United States, 1750-1930” in Naomi Lamoreaux (ed), Understanding the Sources of Long Run Economic Growth, NBER and University of Chicago (forthcoming, 2010).

B. Zorina Khan and Kenneth L. Sokoloff, “A Tale of Two Countries: Innovation and Incentives among Great Inventors in Britain and the United States, 1750-1930,” in Roger Farmer (ed) Macroeconomics in the Small and the Large, Edward Elgar (2009).

B. Zorina Khan, “‘Justice of the Marketplace’: Legal Disputes and Economic Activity on America’s Northeastern Frontier, 1700-1860.” Journal of Interdisciplinary History, vol. 39 (1) 2008: 1-35.

B. Zorina Khan, “Innovations in Law and Technology, 1790-1920,” in Cambridge History of Law in America, (eds) Michael Grossberg and Christopher Tomlins, New York: Cambridge University Press (vol. II, 2008): 483-530, 796-801.

B. Zorina Khan, “La Piratería de Derechos del Autor y El Desarrollo: Evidencia de Los Estados Unidos en el Siglo XIX,” Revista de Economía Institucional vol 10, No. 18 (Jan-June), 2008:21-54. (Invited Submission)

B. Zorina Khan and Kenneth L. Sokoloff, “Historical Perspectives on Patent Systems in Economic Development,” in Neil Netanel (ed), The Development Agenda: Global Intellectual Property and Developing Countries, New York: Oxford University Press (2008).

B. Zorina Khan and Kenneth L. Sokoloff, “Institutions and Technological Innovation During Early Economic Growth: Evidence from the Great Inventors of the United States, 1790-1930,” in Institutions and Economic Growth, (eds) Theo Eicher and Cecilia Garcia-Penalosa, MIT Press (2006):123-158.

- B. Zorina Khan, "Patent Laws and Intellectual Property Rights in World Trade," in Encyclopedia of World Trade since 1450, eds J. J. McCusker et al., New York: Macmillan Reference (2006).
- B. Zorina Khan, "Economic History of Patents and Patent Institutions," in EH.Net Encyclopedia, (ed) Robert Whaples, 2006.
- B. Zorina Khan, "Economic History of Copyrights in Europe and the United States," in EH.Net Encyclopedia, (ed) Robert Whaples, 2006.
- B. Zorina Khan, "Intellectual Property Rights," in New Palgrave Dictionary of Economics, (eds) Steven Durlauf and Lawrence Blume, New York: Palgrave Macmillan (2006).
- B. Zorina Khan, "Intellectual Property and Economic Development," Civil and Commercial Law Review of China, vol. 33, (ed) Liang HuiXing. Translated into Chinese by Peng Xuelong (2005).
- B. Zorina Khan, "Le Piratage du Copyright par les Américains au XIXe siècle," Économie Politique, vol. 22 (April) 2004: 53-73.
- B. Zorina Khan and Kenneth L. Sokoloff, "Institutions and Democratic Invention in 19th Century America," American Economic Review, vol. 94 (May, Pap. And Proc.) 2004: 395-401.
- B. Zorina Khan and Kenneth L. Sokoloff, "Lives of Invention: Patenting and Productivity among Great Inventors in the United States, 1790-1930," Colloques D'Innovation (ed) Liliane Hilaire-Perez (2004).
- B. Zorina Khan, "The Economics of Copyright and Democracy," in Pratiques Historiques D'Innovation, (eds.) Liliane Hilaire-Perez and Françoise Garçon, Presses Universitaires de Rennes (2003).
- B. Zorina Khan and Kenneth L. Sokoloff, "The Early Development of Intellectual Property Institutions in the United States," Journal of Economic Perspectives, vol. 15 (3) 2001: 233-246.
- B. Zorina Khan, "Commerce and Cooperation: Litigation and Settlement of Civil Disputes on the Australian Frontier," Journal of Economic History, vol. 60 (4) 2000:1088-1119.
- B. Zorina Khan, "'Not for Ornament': Patenting Activity by Women Inventors," Journal of Interdisciplinary History, vol. 33 (2) Fall 2000: 159-195. (Lead article)
- B. Zorina Khan, "Federal Antitrust Agencies and Public Policy towards Patents and Innovation," Cornell Journal of Law and Public Policy, vol. 9 (Fall) 1999:133-169.
- B. Zorina Khan, "Order with Law: Social Capital, Civil Litigation and Economic Development," Australian Economic History Review, vol. 39 (3) 1999:172-190. (Lead non-editorial article)
- B. Zorina Khan, "The Calculus of Enforcement: Legal and Economic Issues in Antitrust and Innovation," Advances in the Study of Entrepreneurship, Innovation, and Economic Growth, vol. 12 (1999): 61-106.

B. Zorina Khan and Kenneth L. Sokoloff, "Patent Institutions, Industrial Organization and Early Technological Change: Britain and the United States, 1790-1850," in Technological Revolutions in Europe, 1760-1860, eds. M. Berg and K. Bruland, Edward Elgar, London (1998):292-313.

B. Zorina Khan, "Married Women's Property Laws and Female Commercial Activity: Evidence from United States Patent Records, 1790-1895," Journal of Economic History, vol. 56 (2) 1996: 356-88.

B. Zorina Khan, "Property Rights and Patent Litigation in Early Nineteenth-Century America," Journal of Economic History, vol. 55 (1) 1995: 58-97. (Runner-up Cole Prize, Best Paper in JEH)

B. Zorina Khan and Kenneth L. Sokoloff, "'Schemes of Practical Utility': Entrepreneurship and Innovation among 'Great Inventors' During Early American Industrialization, 1790-1865," Journal of Economic History, vol. 53 (2) 1993: 289-307.

B. Zorina Khan and Kenneth L. Sokoloff, "Entrepreneurship and Technological Change in Historical Perspective: A Study of Great Inventors During Early Industrialization," Advances in the Study of Entrepreneurship, Innovation, and Economic Growth, vol. 6 (1993): 37-66.

K. L. Sokoloff and B. Z Khan, "The Democratization of Invention during Early Industrialization: Evidence from the United States," Journal of Economic History, vol. 50 (2) 1990: 363-78.

D. Worrell, H. Codrington, Zorina Khan, N. Lawson, "Private Foreign Investment in Barbados," in V. Cable and B. Persaud, Developing with Foreign Investment, London: Routledge, 1987: 122-142.

Unpublished Research Papers

"Promoting the Useful Arts: An Empirical Estimation of Technological Innovation Outside the Patent System, 1790-1880"

"Of Patents and Prizes: Great Inventors and Incentives for Innovation in Britain and the United States, 1750-1930"

"'To Have and Have Not': Do Courts Favour Rich Litigious Plaintiffs?"

"Does Copyright Piracy Pay? U.S. International Copyright Laws and the Market for Books, 1790-1920." (Revise and resubmit, Journal of Law and Economics)

"The Evolution of Useful Knowledge: Great Inventors, Science and Technology in British Economic Development, 1750-1930"

"Creative Destruction: Technological Change and Resource Reallocation during the Civil War"

"Uniformity or Diversity? Developing Countries and Intellectual Property Laws in Historical Perspective."

"Legal Monopoly: A Propensity Score Approach to Patenting and Antitrust Litigation" [with Yi Qian]

"What do Courts do? Evidence from Civil Litigation on the Northeastern Frontier, 1700-1860"

Book project: Innovations in Law and Technology (Cambridge University Press).

Monographs and Working Papers

B. Zorina Khan and Yi Qian. Legal monopoly : A propensity score approach to patents and antitrust litigation in U.S. manufacturing, 1970-1998. Working paper. 2008.

B. Zorina Khan. Does Copyright Piracy Pay? The Effects of U.S. International Copyright Laws on the Market for Books, 1790-1920. Working Paper No. 10271. Cambridge, MA : NBER, 2004.

B. Zorina Khan and Kenneth L. Sokoloff, Institutions and Technological Innovation During Early Economic Growth, 1790-1930. Working Paper No. 10966. Cambridge, MA: NBER, 2004.

B. Zorina Khan. Technological Innovations and Endogenous Changes in U.S. Legal Institutions, 1790-1920. Working Paper No. 10346. Cambridge, MA : NBER, 2004.

B. Zorina Khan. Intellectual Property and Economic Development: Lessons from American and European History. British Commission on Intellectual Property Rights. London, 2002. [Translated into Chinese.]

B. Zorina Khan. Public Policy Towards Business in Barbados: Issues and Institutions. Barbados, Institute of Social and Economic Research, University of the West Indies.

<h3>Book Reviews</h3>

Heroes of Invention: Technology, Liberalism and British Identity, 1750-1914. By Christine Macleod. For Economic History Network, 2009.

A Farewell to Alms: A Brief Economic History of the World. By Gregory Clark. For Technology and Culture, 2008.

The Internationalisation of Copyright Law. By Catherine Seville. For Journal of Interdisciplinary History, 2007.

Antitrust and Global Capitalism, 1930-2004. By Tony Freyer. For Economic History Network, 2007.

Financing Innovation in the United States, 1870 to the Present. By Naomi Lamoreaux and Kenneth Sokoloff. For Economic History Review. 2007.

Capital Intentions: Female Proprietors in San Francisco, 1850-1920. By Edith Sparks. For Journal of American History, 2007.

Creating the Twentieth Century: Technical Innovations of 1867-1914 and Their Lasting Impact. By Vaclav Smil. For Journal of Economic History, 2006.

Copyright and Other Fairy Tales: Hans Christian Andersen and the Commodification of Creativity. Helle Porsdam (editor). For Economic History Network, 2006.

Ivory Tower and Industrial Innovation: University-Industry Technology Transfer Before and After the Bayh-Dole Act. By David C. Mowery et al. For Journal of Economic History, 2005.

The Roots of American Industrialization, By David R. Meyer, for Economic History Network, 2003.

The Gifts of Athena: Historical Origins of the Knowledge Economy. By Joel Mokyr, Review Essay for Economic History Network, 2003.

Engines of Enterprise: An Economic History of New England. By (ed) Peter Temin, for Journal of American History, 2001.

Technological Change and the Evolution of Corporate Innovation: The Structure of Patenting 1890-1990. By Birgitte Andersen, for Economic History Network, June 2001.

The Retrieval of a Legacy: Nineteenth-Century American Women Inventors. By Denise E. Pilato, for Technology and Culture, 2001.

Airline Executives and Federal Regulation. By (ed.) W. David Lewis, for Journal of Economic History, vol. 60 (3) 2000.

Learning by Doing in Markets, Firms and Countries. By (eds) Naomi R. Lamoreaux et al., for Economic History Review, vol. 52 (4) 1999:844-5.

Endless Novelty: Specialty Production and American Industrialization, 1865-1925. By Philip Scranton, for Economic History Network, June 1998.

Constructing a Bridge: engineering culture, design and research in 19th century France and America. By Eda Kranakis, for Economic History Review, vol. 51 (2) 1998: 418-9.

Networks of Innovation. By L. Galambos and Jane Sewell, for Journal of Economic History, vol. 58 (2) 1998: 612-3.

The Changing US Auto Industry: a geographical analysis. By James Rubenstein, for Journal of Economic History, vol. 55 (4) 1995: 958-9.

Fingers of Steel: Technological Innovation in the United States Knitting Industry, 1850-1914. By Louise Wehrle, for Journal of Economic History, vol. 55 (4) 1995: 956-7.

Exploring the Black Box. By Nathan Rosenberg, for JEH, vol. 55 (2) 1995: 461-3.

Shaping Invention. By Carolyn Cooper, for Journal of Economic History, vol. 53 (2) 1993: 440-3.

Recent Presentations

Economic History Association, Tucson AZ (2009)
World Economic History Congress, Utrecht (2009)
NBER Summer Institute, Cambridge MA (2009)
Dartmouth College/NBER, NH (2009)
NYU Law School, New York (2009)
Queen's University, Kingston, Canada (2009)
UCLA/NBER Conference, CA (2008)
Stanford University, Palo Alto, CA (2008)
University of California, Berkeley, CA (2008)
University of Georgia School of Law (2008)
National Bureau of Economic Research, MA (2008)
World Cliometric Congress, Scotland (2008)
Economic History Association, New Haven (2008)
American Economic Association, New Orleans LA (2008)
Eindhoven University, Netherlands (2008)
University of Illinois Urbana-Champaign, School of Law (2007)
Northwestern University School of Law (2007)
Boalt Hall School of Law, Berkeley CA (2007)
University of Michigan Business School (2007)
Oxford University, England (2007)
University of California, Davis (2007)
UCLA School of Law (2007)
Rensselaer Polytechnic Institute Spring Lecture (2007)
University of Toronto, Canada (2006)
McGill University, Montreal, Canada (2006)
National Bureau of Economic Research, MA (2006)
Economic History Association, Pittsburgh PA (2006)
IBM, New York (2006)
International Economic History Association, Helsinki (2006)
Case Western Reserve University Law School, Cleveland OH (2006)
American Economic Association, Boston MA (2006)
Northwestern University, Evanston, IL (2006)
Maine Association of Professional Consultants (2006)
Economic History Association, Canada (2005)
Stanford University, CA (2005)
Boston University School of Law, MA (2005)
Rutgers University, NJ (2005)
Harvard University, MA (2005)
National Bureau of Economic Research, MA (2005)
Univ. of Wisconsin Law School, Madison, WI (2004)
(Panel on my book, *The Democratization of Invention*)
Institutions and Economic Growth, Venice, Italy (2004)
ESRC Seminar Series on Intellectual Property, England (2004)
National Bureau of Economic Research, Camb., MA (2004)
American Economic Association, San Diego, CA (2004)

Indiana University, Bloomington, IN (2003)
 National Science Foundation Workshop, Tucson, AZ (2003)
 Boston University School of Law, MA (2003)
 University of Hawaii, Honolulu, HI (2003)
 University at Buffalo Law School, NY (2003)
 Social Science Research Council Conference, Irvine, CA (2003)
 University of Texas, Austin, TX (2003)
 CNAM, Paris, France (2003)
 Economic History Association, St. Louis, MO (2002)
 International Economic History Assoc., Buenos Aires, Argentina (2002)
 Yale University, New Haven, CT (2002)
 Commission on Intellectual Property Rights, London, UK (2002)
 University of California, Davis (2002)
 American Society for Legal History, IL (2001)
 Franco-American Conference, Berkeley, CA (2001)
 Factor Endowments and Growth: Univ. of Rochester, NY (2001)
 Colby College, Waterville, ME (2001)
 Harvard University, Cambridge, MA (2000)
 Conservatoire Nationale des Arts et Metiers, Paris (2000)
 Northwestern University, Evanston, IL (2000)
 University of Illinois, Urbana-Champaign (2000)
 All-University of California Group, LA (2000)
 Economic History Association, CA (2000)
 Bowdoin College, Brunswick ME (2000)
 University of California, Los Angeles (1999)
 Cornell Law School, Ithaca, New York (1999)
 R&D and Economic Growth: Univ. of California, Berkeley (1999)
 National Bureau of Economic Research/Sloan Foundation, CA (1999)
 Institutions and Growth: Caltech, CA (1998)
 Columbia University Law School, NY (1998)
 Harvard University, Cambridge, MA (1998)
 University of Maryland, College Park (1998)
 (Washington Area Economic History Group)
 University of New South Wales, Australia (1998)
 University of Queensland, Australia (1998)
 Australian National University, Australia (1998)
 Bowdoin College Faculty Seminars, ME (1998)
 Society for the History of Technology, MD (1998)

Courses Taught

Undergraduate: American Economic History, Law and Economics, Economics of Technology, Economic History of American Enterprise, American Legal History, Financial Economics, International Finance, Organization of the Firm, Financial Markets and Institutions, Microeconomics, Macroeconomics.

Graduate (MBA and Executive MBA): Corporate Finance, Managerial Economics, Microeconomics, Macroeconomics, Financial Analysis of Technology, International Finance.

References

Stanley Engerman
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