



HARVARD | BUSINESS | SCHOOL

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EDUCATION

- 2005 Ph.D., Economics, Massachusetts Institute of Technology
Dissertation: The Role of Immigrant Scientists and Entrepreneurs in International Technology Transfer
Committee: Professor Daron Acemoglu (chair)
Professor David Autor
Professor Ricardo Caballero
Professor Peter Temin
- 1996 B.S., summa cum laude, Systems Engineering and Economics, University of Virginia (Charlottesville, VA)
Thesis: Limits on Interest Rate Rules in Macroeconomic Models Governed by Price Stickiness and Rational Expectations
Committee: Professor Robert King
Professor Mark Shields

TEACHING EXPERIENCE

- 2008 Entrepreneurial Research Boot Camp Ph.D. Course, National Bureau of Economic Research and Kauffman Foundation
- 2003 – 2004 Lecturer, Principles of Macroeconomics, MIT (3 sections)

HARVARD UNIVERSITY

Appointments

- 2005 – Assistant Professor of Business Administration, HBS Entrepreneurial Management Unit
- 2005 Instructor, HBS Entrepreneurial Management Unit
- 2004 Teaching Fellow, Harvard University Economics Department

Assignments

- 2008 – Theoretical and Empirical Perspectives on Entrepreneurship: Economics and Finance, Cross-Listed HBS and Harvard Economics Ph.D. Course
- 2008 HBS MBA “Lapdesk” Orientation Case
- 2007 – Launching New Ventures, HBS Executive Education (3 sections)
 - Session on “Building Sustainable Businesses” using “Keurig,” HBS case 899-180
 - Two sessions on “Critical Paths to Success” using “E-Ink,” HBS case 800-252 and “Cherrypicks,” HBS case 807-106
- 2006 – HBS MBA Field Studies and Independent Student Research Projects (56 teams)
- 2006 Harvard Engineering School’s “Mini-MBA” Program
- 2005 – The Entrepreneurial Manager, HBS MBA Required Curriculum (5 sections)
- 2005 HBS MBA “Crimson Greetings” Orientation Exercise
- 2004 International Finance, Harvard Economics Undergraduate and Kennedy School Masters Course

BUSINESS EXPERIENCE

- 1996 – 2000 Senior Consultant, Deloitte Consulting, Washington DC and Hong Kong
Innovation and Entrepreneurship Group in Communications Industry
Project Summaries Available Upon Request

AWARDS AND HONORS

- 2009 Faculty Research Fellowship, National Bureau of Economic Research
- 2009 Kauffman Junior Faculty Fellowship in Entrepreneurship Research, Kauffman Foundation
- 2008 MBA Class of 1961 Fellow, Harvard Business School
- 2004 Certificate of Distinction in Teaching, Harvard University
- 1996 Systems Engineering Student of the Year, University of Virginia
- 1996 Thesis Finalist, Undergraduate Engineering Research & Design Symposium
- 1996 All-ACC Scholar-Athlete Award, Atlantic Coast Conference

FELLOWSHIPS AND GRANTS

- 2009 – Faculty Research Fellowship (National Bureau of Economic Research) for research regarding productivity and entrepreneurship
- 2009 – Kauffman Junior Faculty Fellowship in Entrepreneurship Research (Kauffman Foundation) for research regarding entrepreneurship and innovation
- 2006 – 2007 Innovation Policy and the Economy Faculty Research Fellowship (National Bureau of Economic Research, Kauffman Foundation) for research regarding entrepreneurship and innovation
- 2004 George Schultz Fund Grant Recipient (MIT) for research regarding immigrant inventors in US

- 2003 – 2005 Boston Research Data Center Graduate Student Fellowship (Census Bureau) for research regarding firm entry and investment decisions
- 2000 – 2003 Graduate Student Fellowship (National Science Foundation) for research regarding economic growth

PUBLICATIONS

Papers and appendices available at <http://www.people.hbs.edu/wkerr/>.

Journal Articles:

With Glenn Ellison and Edward Glaeser, “What Causes Industry Agglomeration? Evidence from Coagglomeration Patterns,” *The American Economic Review* (forthcoming). NBER WP 13068, HBS WP 07-064, CES WP 07-13. [29p + 65p App].

With Ramana Nanda, “Banking Deregulations, Financing Constraints and Firm Entry Size,” *Journal of European Economic Association* (forthcoming). HBS WP 10-010. [12p].

“Breakthrough Inventions and Migrating Clusters of Innovation,” *Journal of Urban Economics* (forthcoming). HBS WP 10-020. [40p].

With Edward Glaeser and Giacomo Ponzetto, “Clusters of Entrepreneurship,” *Journal of Urban Economics* (forthcoming). NBER WP 15377, HBS WP 10-019, CES WP 09-036. [53p].

With Ramana Nanda, “Democratizing Entry: Banking Deregulations, Financing Constraints, and Entrepreneurship,” *The Journal of Financial Economics*, 94:1 (October 2009), 124-149. HBS WP 07-033, CES WP 07-33. [26p].

With Edward Glaeser, “Local Industrial Conditions and Entrepreneurship: How Much of the Spatial Distribution Can We Explain?” *Journal of Economics & Management Strategy*, 18:3 (Fall 2009), 623-663. NBER WP 14407, HBS WP 09-055, CES WP 08-37. [41p + 8p App]. Lead article in special issue.

“Ethnic Scientific Communities and International Technology Diffusion,” *The Review of Economics and Statistics*, 90:3 (August 2008), 518-537. HBS WP 06-022. [20p + 31p App].

With Shihe Fu, “The Survey of Industrial R&D—Patent Database Link Project,” *The Journal of Technology Transfer*, 33:2 (April 2008), 173-186. HBS WP 07-031, CES WP 06-28. [14p, 29p WP].

With David Autor and Adriana Kugler, “Does Employment Protection Reduce Productivity? Evidence from U.S. States,” *The Economic Journal*, 117:521 (June 2007), F189-F217. NBER WP 12860, HBS WP 07-048, CES WP 07-04. [29p, 48p WP]. Lead article in special issue.

With Robert King, “Limits of Interest Rate Rules in the IS Model,” *Federal Reserve Board of Richmond Economic Quarterly*, 82:2 (Spring 1996), 47-75. [29p].

Papers Under Revision and Resubmission with Journals:

With William Lincoln, “The Supply Side of Innovation: H-1B Visa Reforms and US Ethnic Invention,” second-round review at *The Journal of Labor Economics*. HBS WP 09-005. [49p + 72p App].

“Income Inequality and Social Norms Towards Compensation and Government-Led Redistribution,” under revision for *The Journal of Public Economics*. [49p].

Cases, Technical Notes, and Teaching Notes:

“Cherry-picks,” HBS case 807-106 (2007). [22p].

“Cherry-picks,” HBS teaching note 808-065 (2007). [23p].

With Ant Bozkaya and Dan Isenberg, “TA Energy (Turkey): A Bundle of International Partnerships,” HBS case 807-175 (2007). [21p].

“TA Energy (Turkey): A Bundle of International Partnerships,” HBS teaching note 809-131 (2009). [16p].

With Dan Isenberg, “Take Advantage of Your Diaspora Network,” HBS technical note 808-029 (2007). [8p]. Featured in *Harvard Business Review* write-up.

Book Chapters, Thesis Chapters, and Policy Reports:

With Ramana Nanda, “Financing Constraints and Entrepreneurship,” in Audretsch, David, Oliver Falck, and Stephan Heblich (ed.), *Handbook on Research on Innovation and Entrepreneurship* (London, UK: Edward Elgar, forthcoming). HBS WP 10-013. [21p].

“The Agglomeration of US Ethnic Inventors,” in Glaeser, Edward (ed.), *Economics of Agglomeration* (Chicago, IL: University of Chicago Press, 2009), 237-276. Refereed chapter. HBS WP 08-043. [40p].

With Zoltan Acs, Edward Glaeser, Robert Litan, Lee Fleming, Stephan Goetz, Steven Klepper, Stuart Rosenthal, Olav Sorenson, and William Strange, “Entrepreneurship and Urban Success: Toward a Policy Consensus,” *Kauffman Foundation Policy Report* (2008). [27p].

With Ant Bozkaya, “The Rationales and Performance of Public Venturing: Survey Evidence from Belgium and Finland,” in *Essays in Entrepreneurial Finance* (Universite Libre de Bruxelles, Ant Bozkaya Ph.D. Thesis, 2007), 104-150. Reprinted in *Entrepreneurial Finance: Financing of Young, Innovative Ventures* (Saarbrücken, Germany: VDM Verlag, 2009), 95-139. [47p].

With Ant Bozkaya, “Labor Market Regulations and European Restructuring: Evidence from Private Equity Investments,” in *Essays in Entrepreneurial Finance* (Universite Libre de Bruxelles, Ant Bozkaya Ph.D. Thesis, 2007), 151-189. Reprinted in *Entrepreneurial Finance: Financing of Young, Innovative Ventures* (Saarbrücken, Germany: VDM Verlag, 2009), 140-176. [39p].

“U.S. Ethnic Scientists and Entrepreneurs,” *Cleveland Federal Reserve Board Commentary*, April 2007, 1-4. [4p].

With Ant Bozkaya, “Labor Market Regulations and European Venture Capital Investment,” in Malmberg, Pekka (ed.), *European Productivity Conference Proceedings* (Helsinki, Finland: Paintek Oy, 2007), 165-172. [8p].

Technical Papers:

“The Ethnic Composition of US Inventors,” HBS WP 08-006 (2007). [26p]. Describes ethnic-name patent files. A summary version was presented at NBER 2007 Conference as “The Ethnic Composition of US Inventors: Evidence Building from Ethnic Names in US Patents.”

“The Higher Order Moments of Establishment Employments,” Census Bureau Technical Paper (2007). [10p].

With Glenn Ellison and Edward Glaeser, “The Impact of the SIC-NAICS Conversion on Industrial Organization Metrics: Evidence Building from Establishment Data,” Census Bureau Technical Paper (2006). [10p].

With Shihe Fu, “The RAD-Patent-LRD Mapping Project,” Census Bureau Technical Paper (2006). [43p]. Summary version published in *The Journal of Technology Transfer*.

WORKING PAPERS

Working Papers:

“Heterogeneous Technology Diffusion and Ricardian Trade Patterns.” [44p].

With Scott Kominers, “Tipping Points and Agglomeration.” [40p].

With C. Fritz Foley, “US Ethnic Scientists and Foreign Direct Investment Placement.” [24p].

With Ant Bozkaya, “Labor Regulations and European Industrial Specialization: Evidence from Private Equity Investments,” HBS WP 08-043. [45p].

With Sari Pekkala Kerr, “Economic Impacts of Immigration: A Survey,” HBS WP 09-013. [37p].

Active Research Projects:

With Josh Lerner and Antoinette Schoar, “Angel Investments and Entrepreneurial Success.”

With Paul Gompers, Josh Lerner, and David Scharfstein, “Ethnic Entrepreneurial and Venture Capital Ties.”

With Daron Acemoglu and Nick Bloom, “Innovation, Reallocation, and Growth.”

With William Lincoln and Prachi Mishra, “Globalization and Firm Lobbying.”

With Scott Kominers, “The Local Bias of Entrepreneurship.”

With Scott Kominers, “The Multiple Worlds of the Eaton-Kortum Model.”

With David Autor, Bjorn Bruggemann, and Adriana Kugler, “The Joint Effect of Dismissal Costs on Employment and Productivity.”

Dormant Working Papers:

“Productivity Disruptions from Major Capital-Labor Upgrades”

“The Productivity Consequences of Foreign R&D Sourcing”

PRESENTATIONS AND SEMINARS

Scheduled American Economic Association; Bank of Finland; Boston Area Urban and Real Estate Economics Seminar; Boston University School of Management; Georgetown University Economics; Helsinki Center of Economic Research; Kauffman Foundation Entrepreneurship Mentoring Workshop; NBER Productivity; Philadelphia Federal Reserve Board; Wharton School of the University of Pennsylvania; University of Helsinki

- 2009 American Economic Association; European Economic Association; European Regional Science Association; Institute for the Study of International Migration; Kauffman Foundation Cities and Entrepreneurship Conference; NBER Productivity; Society of Labor Economists; Sauder School of Business, University of British Columbia
- 2008 European Regional Science Association; Hassan & Partners; HBS International Business Seminar; HBS South Asia Conference; International Monetary Fund; JTO Elorihhi Conference; London School of Economics; MIT Sloan; NBER Innovation Policy and the Economy; NBER Labor Studies; NBER Productivity; Queens University Business School; Rotman School of Management, University of Toronto; Sloan Industry Studies; University of Helsinki
- 2007 American Economic Association; Baruch University Business School; Census Bureau; European Regional Science Association; HBS Charlotte Alumni Association; HBS International Business Seminar; Kellogg School of Management, Northwestern University; NBER Agglomeration; NBER Entrepreneurship; NBER Productivity; NBER Science and Engineering Workforce Project; Society of Labor Economists; SPX
- 2006 Boston Research Data Center; Census Bureau; Centre for Economic Performance; Comparative Analysis of Enterprise (Micro) Data Conference; European Productivity Conference; Federal Reserve Board Cleveland; National Science Foundation; NBER Labor Studies; NBER Productivity; University College London; University of Connecticut Economics
- 2005 Boston University School of Management; Clemson University Economics; Cornell University; Federal Reserve Board of Governors; Goldman Sachs; HBS Entrepreneurship; HBS International Business Seminar; IZA Conference on Employment Protection and Labor Markets; Johnson & Johnson; Lexecon; Merrill Lynch; MIT Economics; MIT Sloan; NBER Productivity

PROFESSIONAL ACTIVITIES

Professional Experience:

- 2009 – Re-engineering Entrepreneurial Finance Committee Member, Entrepreneurial Cluster Initiative of Massachusetts Technology Leadership Council
- 2008 – Associate Editor, *Management Science*, Entrepreneurship and Innovation
- 2008 – Board of Advisors, Clear Mechanic start-up
- 2008 – Industry Studies Affiliate, Sloan Foundation
- 2007 – Rookie Recruiting Chair, HBS Entrepreneurial Management Unit
- 2007 – Human Resources Expert Panel, National Science Foundation
- 2005 – Rookie Recruiting Committee Member, HBS Entrepreneurial Management Unit
- 2005 – Affiliate, NBER Science and Engineering Workforce Project
- 2002 – Research Associate, Center for Economic Studies

Referee Activities:

- Journals: American Economic Journal: Applied Economics; American Economic Journal: Macroeconomics; American Economic Review; Economic Journal; Economics and Politics; Industrial and Labor Relations Review; International Migration; Journal of Economic Geography; Journal of Economics and Management Strategy; Journal of Environmental Economics and Management; Journal of European Economic Association; Journal of Human Capital; Journal of Labor Economics; Journal of Law, Economics, and Organizations; Journal of Monetary Economics; Journal of Political Economy; Journal of Regional Science; Journal of Technology Transfer; Journal of Urban Economics; Labour Economics; Management Science; Nature Biotechnology; Quarterly Journal of Economics; Regional Science and Urban Economics; Research Policy; Review of Economics and Statistics; Review of Economic Studies.
- Proposals: Alfred P. Sloan Foundation; Census Bureau; John Templeton Foundation; National Bureau of Economic Research; National Science Foundation; Oxford University Press.