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PRINCIPAL APPOINTMENT

2009 - Associate Professor with tenure, Kellogg School of Management,
Northwestern University

OTHER CURRENT APPOINTMENTS

2010 - Associate Editor, *Journal of Development Economics*
2005 - Department of Political Science, Northwestern University (by courtesy)
2005 - Faculty Research Fellow, National Bureau of Economic Research (NBER)
2005 - Faculty Fellow, Center for International Economics and Development,
Northwestern University
2005 - Faculty Affiliate, Center for International and Comparative Studies,
Northwestern University

PRIOR POSITIONS

2010 - 2011 Senior Economist for Macroeconomics, White House Council of Economic Advisers
2007 - 2009 Associate Professor, Kellogg School of Management, Northwestern University
2003 - 2007 Assistant Professor, Kellogg School of Management, Northwestern University
1997 - 1998 Special Assistant to Deputy Secretary Lawrence H. Summers
U.S. Department of the Treasury
1996 Lecturer, Kazakhstan Institute for Management and Economic Prognoses

EDUCATION

1999 - 2003 Ph.D. in Economics, MIT
1995 - 1997 M.Phil. in Economics, Oxford University
1991 - 1995 B.S.E. in Aerospace Engineering, Princeton University, *summa cum laude*

HONORS AND AWARDS

2011 Stanley Reiter Best Paper Award
2009 Excellence in Refereeing Award, American Economic Review
2006 - 2008 Finalist, L.G. Lavengood Outstanding Professor of the Year Award
2007 Templeton Foundation Grant
2006 NBER Innovation Policy and the Economy Research Grant
2001 - 2002 SSRC Program in Applied Economics Fellowship
1999 - 2001 MIT Economics Fellowship
1995 - 1997 Rhodes Scholar
1995 Princeton University's Pyne Honor Prize
1995 Palmer Prize in Engineering
1995 Phi Beta Kappa

PUBLICATIONS

“Do Leaders Matter? National Leadership and Growth since World War II”
Quarterly Journal of Economics, 120 (3), August 2005 (with Ben Olken)

“The Increasing Dominance of Teams in the Production of Knowledge”
Science, 316, May 2007 (with Brian Uzzi and Stefan Wuchty)

“The Anatomy of Start-Stop Growth”
Review of Economics and Statistics, 90 (3), August 2008 (with Ben Olken)

“Multi-University Research Teams: Shifting Impact, Geography and Stratification in Science”
Science, 322, November 2008 (with Brian Uzzi and Stefan Wuchty)

“The Burden of Knowledge and the Death of the Renaissance Man: Is Innovation Getting Harder?”
Review of Economic Studies, 76 (1), January 2009

“Temperature and Income: Reconciling New Cross-Sectional and Panel Estimates”
American Economic Review Papers & Proceedings, 99 (2), May 2009 (with Melissa Dell and Ben Olken)

“Hit or Miss? The Effect of Assassinations on Institutions and War”
American Economic Journal: Macroeconomics, 1 (2), July 2009 (with Ben Olken)

“Age and Great Invention”
Review of Economics and Statistics, 99 (1), February 2010
(Lead article; winner of Reiter Best Paper Award)

“Climate Shocks and Exports”
American Economic Review Papers & Proceedings, 100 (2), May 2010 (with Ben Olken)

“As Science Evolves, How Can Science Policy?”
NBER Innovation Policy and the Economy, 11, 2010

“Age Dynamics in Scientific Creativity”
Proceedings of the National Academy of Sciences, 108 (47), November 2011 (with Bruce Weinberg)

“Climate Shocks and Economic Growth: Evidence from the Last Half Century”
American Economic Journal: Macroeconomics, forthcoming (with Melissa Dell and Ben Olken)

PUBLISHED COMMENTS

“Why Do Team-Authored Papers Get Cited More?”
Science, 317, September 2007 (with Brian Uzzi and Stefan Wuchty)

“National Leadership and Economic Growth”
The New Palgrave Dictionary of Economics, September 2009

Comment on “Generality, Recombination, and Re-Use”
The Rate and Direction of Inventive Activity Revisited, Josh Lerner and Scott Stern eds, 2011

WORKING PAPERS

“The Knowledge Trap: Human Capital and Development Reconsidered”
NBER Working Paper #14138, June 2008

“The Human Capital Stock: A Generalized Approach”
NBER Working Paper #17487, October 2011

“The Prior Publication Penalty: Protecting Truth in Science”
March 2012 (with Ginger Jin, Susan Lu, and Brian Uzzi)

WORK IN PROGRESS

“Multidisciplinary Teams” (with Brian Uzzi)
“International Research Collaboration” (with Brian Uzzi and Stefan Wuchty)
“The International Diffusion of Knowledge” (with Tom Hubbard)
“Understanding China” (with David Dollar)

INVITED PRESENTATIONS

Seminars

2009- Princeton, Northwestern (2), Stanford, Yale SOM, University of Pennsylvania, Chicago Harris, Harvard Business School (2), Brigham Young, MIT Sloan, NYU (2), Yale, Berkeley Haas, UCLA Anderson, Harvard/MIT, Chicago Booth (scheduled), LSE (scheduled), Norwegian School of Economics (scheduled), Bergen (scheduled)

2006-8 Stanford GSB, Yale, IMF, Wisconsin, Philadelphia Fed, Chicago Harris, UBC, World Bank (2), Kellogg, DePaul, Chicago Econ, Berkeley Haas, Northwestern, Chicago GSB, University of Toronto Rotman, UCLA Anderson, Wharton, LSE (2), University of Illinois Chicago, Ohio State, Penn State, Washington University Olin

2002-5 International Monetary Fund, NYU Stern, Dartmouth, Harvard/MIT, Cornell, Kellogg, Boston University, Georgetown, Washington University Olin, LSE, Columbia GSB, University of Michigan, Northwestern (2), NYU Political Science, RPI, IUPUI, Wisconsin, University of Houston/Rice, University of Illinois Urbana

Conferences

2009- Kaufmann-OECD Workshop, NBER Economic Fluctuations and Growth Meeting, Stanford SITE Conference, AEA Meetings, NBER Innovation Policy and Economy Spring Workshop, Central Bank of Guatemala

2006-8 NBER New Ideas about New Ideas Conference, NBER Africa Conference, Harvard Business School Strategy Conference, Tinbergen Institute Conference on Innovation and Early Stage Ideas, AEA Meetings, World Bank Commission on Growth and Development, BREAD Conference, NBER Political Economy Meeting, Northwestern Conflict and Cooperation Conference, AEA meetings, Midwest Economics Association meetings, Chicago Political Economy Conference, NBER Climate Change Conference, Canadian Conference on the Economics of Innovation and Entrepreneurship, World Bank Microeconomics of Growth Conference, NBER Economic Growth Workshop, NBER Innovation Policy and the Economy Workshop, CEPR Conflicts Globalization and Development Conference

2002-5 NBER Economic Fluctuations & Growth Conference, NBER Innovation Policy & the Economy Workshop (2), Northwestern University Africa Conference, Social Science Research Council, Toulouse IDEI/CSIO Conference, Technology Transfer Society Conference, Tsinghua University/World Bank Conference, San Francisco Federal Reserve Productivity Conference

TEACHING

Kellogg	Strategic challenges in emerging markets (Executive Education, 2010 - present)
MIT	Economics of ideas, innovation, and entrepreneurship (Ph.D., 2009)
Kellogg	Globalization and business strategy (MBA, 2004 - present)
MIT/Harvard	Development economics (teaching assistant, Ph.D. 2003)
KIMEP	Introductory microeconomics (MPA, 1996)

PROFESSIONAL ACTIVITIES

Conference Organization

Co-organizer of NBER Conference “The Changing Frontier: Rethinking Science and Innovation Policy” (October 2012)
Program Committee, Econometric Society North American Summer Meetings (June 2012)
Co-organizer of Northwestern University’s Nemmers Prize Conference (May 2012)
Co-organizer of NBER’s Economics of Intellectual Property Workshop (July 2004, July 2005, July 2006, July 2007, July 2008, July 2009, July 2010, July 2012)
Co-organizer of NBER’s Productivity Program Meeting (December 2009)
Co-organizer of NBER’s Growth Meeting (February 2009)
Session co-organizer, “The Economic Impacts of Climate Change,” AEA meetings (January 2009)
Session co-organizer, “Growth Transitions,” AEA meetings (January 2007)

Discussions & Panel Presentations

Silicon Flatirons Innovation Policy and National Competitiveness Conference (September 2011)
NBER Rate and Direction of Inventive Activity 50th Anniversary Conference (September 2010)
NBER Productivity Program Meeting (July 2010)
Canadian Economics of Innovation and Entrepreneurship Conference (May 2010)
Science of Team Science Conference (April 2010)
NBER Location of Biopharmaceutical Activity Conference (March 2008)
MEA Annual Meetings “Growth and Output Shocks in Asian Economies” (March 2008)
NBER Entrepreneurship Conference (September 2007)
NBER Growth Meeting (July 2007)
NBER Innovation Policy and the Economy Meeting (July 2006, July 2007)
AEA Annual Meetings “Education and Democracy” (January 2007)
IMF Economic Growth and Latin America Conference (November 2006)
NBER Africa Meeting (April 2006)
Northwestern / Toulouse Industrial Organization Conference (May 2004)

Refereeing

American Economic Review, American Economic Journal: Applied Economics, American Economic Journal: Macroeconomics, American Journal of Sociology, American Political Science Review, Berkeley Electronic Press, Econometrica, Economica, Economic Journal, European Economic Review, Journal of Comparative Economics, Journal of Development Economics, Journal of Economic Growth, Journal of Economic Theory, Journal of Economic Literature, Journal of Economics and Management Strategy, Journal of the European Economic Association, Journal of Human Capital, Journal of Human Resources,

Journal of Industrial Economics, Journal of Labor Economics, Journal of Monetary Economics, Journal of Political Economy, Journal of Public Economics, Management Science, National Tax Journal, Oxford Bulletin of Economics and Statistics, Review of Economics and Statistics, Review of Economic Studies, Quarterly Journal of Economics, Science, Small Group Research, World Development

Ad-hoc Reviewer

National Science Foundation, Social Sciences and Humanities Research Council of Canada, Routledge Books

Other

Member, Committee on Transportation Investments in Response to Economic Downturns, National Research Council

Updated in March 2012