

## INA GANGULI

University of Massachusetts Amherst ▪ Department of Economics  
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### **Appointments**

2019 – : Associate Professor (with tenure), Dept. of Economics, University of Massachusetts Amherst

### **Other Positions and Affiliations**

2022 – : Director, Computational Social Science Institute (CSSI), UMass Amherst

2021 – : Research Fellow, The Institute of Labor Economics (IZA)

2021 – : Advisory Editor, *Research Policy*

2022 – : Board Member, AEA Committee on the Status of Women in the Economics Profession

2015 – : Affiliated Researcher, SITE, Stockholm School of Economics

2012 – : Affiliated Researcher, Laboratory for Innovation Science at Harvard University

### **Previous Appointments**

2015 – 2019: Assistant Professor, Dept. of Economics, UMass Amherst

2018 – 2021: Associate Director, Computational Social Science Institute (CSSI), UMass

2017 – 2019: Association for Comparative Economic Studies (ACES), Executive Committee

2012 – 2014: Assistant Professor, SITE, Stockholm School of Economics

2011 – 2012: Postdoctoral Fellow, Harvard Business School-Harvard Medical School

### **Education**

Ph.D., Public Policy, Harvard University, May 2011

Thesis Title: “Labor Markets in Transition: Science and Migration After the Collapse of the Soviet Union” (Chair: Richard Freeman)

M.P.P., Gerald R. Ford School of Public Policy, University of Michigan, 2004

Graduate Certificate in Russian and East European Studies, University of Michigan, 2004

B.A., Mathematical Methods in the Social Sciences and Political Science (majors),  
German (minor), Northwestern University, 2001

### **Prizes and Awards:**

2018: Russian National Prize in Applied Economics, awarded biennially to recognize published research on the Russian economy

2017: Best Paper Award, 14<sup>th</sup> Annual Social Entrepreneurship Conference, Northeastern University

2011: W.E. Upjohn Institute for Employment Research Dissertation Award, Honorable Mention, awarded annually to the best dissertations on employment-related issues

2009: Allyn A. Young Teaching Prize for excellence in teaching Principles of Economics, Harvard University

### **Refereed Publications:**

Ganguli, Ina, Marieke Huysentruyt and Chloé Le Coq, 2021. “Do Nascent Social Entrepreneurs Respond to Rewards? A Field Experiment on Motivations in a Grant Competition,” *Management Science*, 67(10):6294-6316.

Lane, Jacqueline, Ina Ganguli, Patrick Gaulé, Eva Guinan, and Karim Lakhani, 2021. “Engineering Serendipity: When Does Knowledge Sharing Lead to Knowledge Production?” *Strategic Management Journal*, 42(6), pp.1215-1244.

Ganguli, Ina, Ricardo Hausmann and Martina Viarengo, 2021. “Gender Differences in Professional Career Dynamics: New Evidence from a Global Law Firm,” *Economica*, 88(349), pp.105-128.

Ganguli, Ina, Jeffrey Lin and Nicholas Reynolds, 2020. “The Paper Trail of Knowledge Spillovers: Evidence from Patent Interferences,” *American Economic Journal: Applied Economics*, 12(2), pp.278-302.

Prokopovych, Bogdan and Ina Ganguli, 2020. “Social Artrepreneurship in History: Lessons from the Wanderers’ Exhibitions in Imperial Russia,” *Journal of Social Entrepreneurship*, pp.1-21.

Ganguli, Ina, 2018. “Immigrant Selection Before and After Communism,” *Economics of Transition*, 26, no. 4: 649-694 (2018).

Boudreau, Kevin, Tom Brady, Ina Ganguli, Patrick Gaule, Eva Guinan, Anthony Hollenberg, and Karim Lakhani, 2017 (alphabetical order). “A Field Experiment on Search Costs and the Formation of Scientific Collaborations.” *Review of Economics and Statistics*, 99(4): 565-576, October 2017.

Ganguli, Ina, 2017. “Saving Soviet Science: The Impact of Grants When Government R&D Funding Disappears,” *American Economic Journal: Applied Economics*, 9(2): 165-201, April 2017.

Azoulay, Pierre, Ina Ganguli, and Joshua Graff Zivin, 2017. “The Mobility of Elite Life Scientists: Professional and Personal Determinants,” *Research Policy*, 46(3): 573-590, April 2017.

Feenberg, Daniel, Ina Ganguli, Patrick Gaule, and Jonathan Gruber, 2017. “It’s Good to Be First: Order Bias in Reading and Citing NBER Working Papers,” *Review of Economics and Statistics*, 99(1): 32-39, March 2017.

Ganguli, Ina, 2015. “Immigration & Ideas: What Did Russian Scientists ‘Bring’ to the US?” *The Journal of Labor Economics*, Vol. 33, No. S1, pp. S257-S288 (Part 2, July 2015).

Ganguli, Ina, 2014. “Scientific Brain Drain and Human Capital Formation After the End of the Soviet Union,” *International Migration*, 52: 95–110 (2014).

Ganguli, Ina, Ricardo Hausmann and Martina Viarengo, 2014. "Closing The Gender Gap In Education: What Is The State of Gaps In Labour Force Participation For Women, Wives And Mothers?" *International Labour Review*, 153: 173–207 (2014).

Ganguli, Ina, Ricardo Hausmann and Martina Viarengo, 2014. "Marriage, Education and Assortative Mating in Latin America," *Applied Economics Letters*, 21(12), 806-811 (2014).

Ganguli, Ina and Katherine Terrell, 2006. "Institutions, Markets and Men's and Women's Wage Inequality: Evidence from Ukraine," *Journal of Comparative Economics*, 34(2): 200-227 (2006).

**Book/Edited Volume:**

Ganguli, Ina, Shulamit Kahn and Megan MacGarvie (eds), 2020. *The Roles of Immigrants and Foreign Students in US Science, Innovation, and Entrepreneurship*, University of Chicago Press, 2020 (NBER Conference Volume).

**Book Chapters and Other Publications:**

Freeman, Richard B., Ina Ganguli and Michael J. Handel, 2020. "Within Occupation Changes Dominate Changes in What Workers Do: A Shift-Share Decomposition, 2005-2015", *AEA Papers and Proceedings*, vol. 110, pp. 394-99. 2020.

Ganguli, Ina and Patrick Gaulé, 2020. "Will the U.S. Keep the Best and the Brightest (as Postdocs)? Career and Location Preferences of Foreign STEM PhDs," in Ina Ganguli, Shulamit Kahn and Megan MacGarvie (eds), *The Roles of Immigrants and Foreign Students in US Science, Innovation, and Entrepreneurship*, University of Chicago Press, 2020 (Also NBER Working Paper 24838).

Ganguli, Ina, Ricardo Hausmann, and Martina Viarengo, 2019. "Career Dynamics and Gender Gaps Among Employees in the Microfinance Sector," in Siwan Anderson and Jean-Philippe Platteau (eds), *Towards Gender Equity in Development*, Oxford University Press. 2018. (Also WIDER Working Paper 2017/117, Helsinki: UNU-WIDER, 2017.)

Ganguli, Ina, 2017. "Was the USSR Ahead of the US in Gender Equality in Science?" *Higher Education in Russia and Beyond*, 4(14): 6-7 (2017).

Ganguli, Ina, 2015. "Who Leaves and Who Stays? Evidence on Immigrant Selection from the Collapse of Soviet Science", in Aldo Geuna (ed), *Global Mobility of Research Scientists: The Economics of Who Goes Where and Why*, Elsevier (2015).

Freeman, Richard, Ina Ganguli and Raviv Murciano-Goroff, 2015. "Why and Wherefore of Increased Scientific Collaboration," in Adam Jaffe and Benjamin Jones (eds), *The Changing Frontier: Rethinking Science and Innovation Policy*, University of Chicago Press (2015).

Ganguli, Ina, 2012. "Russian-American Scientific Collaboration" in Y.P. Tretyakov (ed), *Russian-American Links: Leaps Forward and Backward in Academic Cooperation*. St. Petersburg, Russia: Nestor-Historia, pp. 120-135 (2012).

Ganguli, Ina, Ricardo Hausmann and Martina Viarengo, 2009. “The Dynamics of the Gender Gap: How do Countries Rank in Terms of Making Marriage and Motherhood Compatible with Work?” in Ricardo Hausmann, Laura D. Tyson, Saadia Zahidi (eds), *The Global Gender Gap Report 2009*. Geneva: The World Economic Forum (2009).

**Papers Under Review:**

Burrage, April, Janell Ciemiecki, Stephanie Couch, and Ina Ganguli, 2022. “Inclusive Pathways to Invention: Understanding Racial and Ethnic Gaps Among Collegiate Student Inventors,” Revise and Resubmit, *Technology & Innovation*.

Ganguli, Ina and Katherine Terrell, 2017. “Closing Gender Wage Gaps in Ukraine: Composition, Returns and the Minimum Wage,” Revise and Resubmit, *Industrial & Labor Relations Review*.

Aloud, Monira, Sara Al-Rashood, Ina Ganguli and Basit Zafar, 2020. “Information and Social Norms: Experimental Evidence on Labor Market Aspirations of Saudi Women,” NBER Working Paper No. 26693).

Ganguli, Ina, Patrick Gaulé and Danijela Vuletić Čugalj, 2020. “Biased Beliefs and Entry into Scientific Careers,” Upjohn Institute Working Paper 20-334.

Agarwal, Ruchir, Ina Ganguli, Patrick Gaulé and Geoff Smith, 2021. “Why U.S. Immigration Barriers Matter for the Global Advancement of Science,” IZA Discussion Paper No. 14016.

Choudhury, Prithwiraj, Ina Ganguli and Patrick Gaulé, 2021. “Top Talent, Elite Colleges and Migration: Evidence from the Indian Institutes of Technology,” Mimeo.

**Working Papers & Research in Progress:**

Ganguli, Ina, Patrick Gaulé, Eva Guinan and Karim Lakhani, 2017. “Do Scientists Care About Kudos? A Field Experiment on Status Rewards in Academia,” Mimeo.

Ganguli, Ina. “Location and Scientific Productivity: Evidence from the Soviet Brain Drain,” Mimeo.

Ganguli, Ina, 2015. “Did the Soviets Solve the “Productivity Puzzle”? Gender Differences in Science in the Soviet Union,” Mimeo.

Ganguli, Ina and Zheng Wang, 2019. “How Does Return Migration Impact Knowledge Production? Evidence from China’s Thousand Talents Program,” Mimeo.

“Gender Diversity in Science-Based Entrepreneurship: Social Impact Motivations and the NSF I-Corps Program” (with April Burrage and Nilanjana Dasgupta)

“The Long-run Impacts of Patents on Inventors: Evidence from Patent Interferences” (with Jeffrey Lin and Nicholas Reynolds)

“Factor Demand Adjustment in University Research Laboratories” (with Raviv Murciano-Goroff)

“Immigration Restriction and Literacy: Evidence from Ellis Island Ship Manifests” (with Jenny Withrow)

“Multi-Disciplinary Researchers: Field Experimental Evidence” (with Kevin Boudreau)

“The Costs of Discriminating: Evidence from Employment Discrimination Lawsuits” (with Fidan Kurtulus, Douglas Rice and Tiffany Trzebiatowski)

### **Other Writing:**

“Embracing the gift of global talent,” IMF Finance & Development Magazine (with Ruchir Agarwal and Patrick Gaulé), Spring 2021.

“Around the world in the legal profession: Women get in, but not up,” VoxEU.org (with Ricardo Hausmann and Martina Viarengo), July 9, 2020.

“Do changing gender norms counteract the effects of information on the aspirations of Saudi women?” VoxDev.org (with Monira Essa Aloud, Sara Al-Rashood, and Basit Zafar), April 27, 2020.

“Order Effects in Reading and Citing Academic Papers,” VoxEU.org (with Daniel Feenberg, Patrick Gaulé, Jonathan Gruber), June 6, 2014.

“Does Immigration Help Diffuse Knowledge? Evidence from Russian Scientists” *Forum for Research on Eastern Europe and Emerging Economies (FREE) Policy Brief*, Nov. 24, 2014.

“Putting the “I” Back in Team: The Rise of International Teams in Science” *Forum for Research on Eastern Europe and Emerging Economies (FREE) Policy Brief*, January 20, 2014.

“Fact or Fiction? The Reversal of the Gender Education Gap across the World and the Former Soviet Union” *Forum for Research on Eastern Europe and Emerging Economies Policy Brief*, March 4, 2013.

“New Support for Russian Universities: New Centers of Scientific Research?” *IREX EPS Scholar Research Brief*, October 2012.

“Migration in Azerbaijan: The Transition to a Destination Country?” *IREX EPS Scholar Research Brief*, May 1, 2010.

“Tajik Labor Migration to Russia: Is Tajikistan at a Crossroads?” *IREX EPS Scholar Research Brief*, September 30, 2009.

### **Grants and Fellowships:**

2019-2022: NBER Advancing the Science of Science Funding Grant (with Stephanie Couch, Lemelson-MIT Program, \$4,500)

2019-2020: NSF Convergence Accelerator Pilot, Future of Work at the Human-Technology Frontier (UMass team, \$838,722)

2018-2022: Sloan Foundation grant for Job Market for Older Workers as Retirement Recedes and Robots Do More Work (OWRR) project (with Richard Freeman, UMass amount \$61,187)

2018-2019: UMass Institute of Diversity Science seed grant (with Fidan Kurtulus, Douglas Rice and Tiffany Trzebiatowski, \$7,526)

2017-2018: NSF Science of Science and Innovation Policy Conference grant (with Megan MacGarvie and Shulamit Kahn, \$45,900)

2016-2017: EPoD Harvard Kennedy School-HRDF Saudi Arabia Labor Market Research grant (with Basit Zafar, \$99,962)  
2016-2017: NBER Productivity, Innovation and Entrepreneurship Program, Innovation Policy group grant (with Jeffrey Lin, \$20,000)  
2016-2017: W.E. Upjohn Institute for Employment Research Early Career Research Award (\$5,000)  
2015-2016: Institute for Social Science Research (ISSR) Scholar, University of Massachusetts  
2014-2015: NESTA Innovation Growth Lab innovation, entrepreneurship and growth experiments research grant (with Christian Catalini, £25,000)  
2014-2015: SEFORIS Social Entrepreneurship Research Program, European Commission (SITE team, €280,830)  
2013-2014: Tore Browaldh Fellowship, Browaldh Foundation and Handelsbanken, Sweden  
2012-2014: Social Science Research Council (SSRC) Eurasia Program Postdoctoral Fellowship (US State Department, Title VIII) (\$19,000)  
2009: The Institute for Quantitative Social Science Research Grant, Harvard University  
2009: Davis Center for Russian and Eurasian Studies Travel Grant, Harvard University  
2009: Center for International Development Research Grant, Harvard University  
2008: Women and Public Policy Program Research Grant, Harvard University  
2005-2007: John F. Kennedy School of Government Doctoral Fellowship, Harvard University  
2004-2005: U.S. Fulbright Scholar, National University of Kyiv-Mohyla Academy (Ukraine)  
2003-2004: Foreign Language and Area Studies Fellowship, University of Michigan (US State Department, Title VIII)  
2002-2003: Edward Gramlich Fellowship, University of Michigan  
2001-2002: International Parliamentary Fellow, German Bundestag/Humboldt University

**Teaching:**

Spring 2016, Spring 2017, Spring 2019, Fall 2019, Fall 2020: Econ 452 - Econometrics, University of Massachusetts Amherst

Fall 2018, Spring 2020, Fall 2021: Econ 781 – Graduate Labor Economics, University of Massachusetts Amherst

Spring 2015, Fall 2015, Spring 2016, Spring 2018, Spring 2021: Econ 341 - Labor Economics, University of Massachusetts Amherst

Fall 2017, Fall 2019, Spring 2022: Econ 336 - Economics of Science, Technology and Innovation, University of Massachusetts Amherst

January 2018: Short course on “Economics of Science, Technology and Innovation: Empirical Approaches and Randomized Control Trials (RCTs)”, Indian Institute of Technology (IIT) Indore, supported by the Government of India through the Global Initiative of Academic Networks (GIAN)

2007 - 2009: Ec 10 - Principles of Economics, Harvard University, Teaching Fellow (Group Leader and Section Leader) for Professors Gregory Mankiw and Silvia Ardagna

2006: STM-103 - Good Governance and Democratization, Harvard Kennedy School, Course Assistant for Prof. Pippa Norris

Summer 2004 - Botswana AIDS Impact Survey Workshop, University of Botswana, TA for Prof. James Levinsohn

Winter 2003 - South Africa Distance Learning Project Workshop, University of Michigan/ University of Cape Town, TA for Prof. James Levinsohn

**Advising:**

Current:

Hannah Archambault, Co-Chair, Dissertation Committee  
April Burrage, Dissertation Committee Member  
Travis Campbell, Dissertation Committee Member  
Carly McCann, Dissertation Committee Member  
Annie McGrew, Pre-Dissertation Advisor  
Narayani Sritharan, Dissertation Committee Member  
Simon Sturn, Dissertation Committee Member

Former:

Doruk Cengiz, Dissertation Committee Member (Placement: OMP Data Scientist)  
Manuel Garcia, Dissertation Committee Member (Placement: Smith College)  
Kuo Chih Huang, Dissertation Committee Member (Placement: UC Berkeley Postdoc)  
Sai Madhurika Mamunuru, Dissertation Committee Member (Placement: Assistant Professor, Whitman College)  
Karmen Naidoo, Dissertation Committee Member (Placement: IMF)  
Ryan Wallace, Landscape Architecture & Regional Planning, Dissertation Committee Member (Center for Business and Economic Research, University of Southern Maine)  
Jennifer Withrow, Dissertation Committee Member (Placement: U.S. Census Bureau)

External Member:

Wolf-Hendrik Uhlbach, PhD Defense Committee, Copenhagen Business School

**Conferences and Invited Presentations:**

2021: ASSA-SABE Meetings; IOS Regensburg; MIT Sloan; IZA-HSE; Max Planck Institute for Innovation and Competition; University of Luxembourg; NBER Summer Institute-Innovation

2020: ASSA-AEA Meetings, San Diego; Workshop on Migration, Globalization and the Knowledge Economy; Georgetown University

2019: CUNY Queens College; Workshop on Migration, Globalization and the Knowledge Economy, Utrecht, Netherlands (Keynote); Northwestern University, Kellogg; University of Connecticut; Harvard Kennedy School

2018: ASSA-AEA Meetings, Philadelphia; EPFL-Swiss Federal Institute of Technology, Lausanne, Switzerland; NBER-NSF-Kauffman Foundation Conference on The Role of

Immigrants and Foreign Students in Science, Innovation, and Entrepreneurship; DRUID PDW, Copenhagen, Denmark; Innovation Growth Lab (IGL) 2018 Global Conference, Boston; HBS Entrepreneurial Management Unit, Boston

2017: HBS Conference on the Scientific Production Function, Boston

2016: Hitotsubashi University, Tokyo, Japan; Harvard Economics of Science & Engineering Workshop; Innovation Growth Lab Winter Meeting, Boston; SITE, Stockholm School of Economics

2015: ASSA-ACES Meetings, Boston; Science of Team Science (SciTS) Conference, Bethesda; Williams College

2014: Northeastern University; NBER Summer Institute, Innovation Workshop; The Graduate Institute, Geneva; CIRCLE, Lund University; Universidad Carlos III de Madrid

2013: NBER “The Changing Frontier: Rethinking Science and Innovation Policy” Conference; 2nd Lisbon Workshop on Economics, Statistics and Econometrics of Education

2012: CERGE-EI, Prague; NBER “The Changing Frontier: Rethinking Science and Innovation Policy” Pre-Conference; NBER High-Skill Immigration Conference; 5th BRICK Workshop “The Organization, Economics and Policy of Scientific Research”; Federal Reserve Bank of Philadelphia; Indian National Institute of Science, Technology & Development Studies; Indian Institute of Management, Bangalore

2011 and earlier: NBER Summer Institute, Innovation Policy and the Economy; Harvard University-AFD-World Bank “Migration and Development” Conference; Harvard Law School, “The Rise of Nanotechnology” Conference; Northwestern University, Kellogg; Stockholm School of Economics, SITE; Georgia Tech, School of Management; HBS Science-Based Business Initiative Seminar; Russian Academy of Sciences “Russian-American Links” Conference; European Association of Labour Economists (EALE) Annual Conference; Consortium for Competitiveness and Cooperation (CCC) Doctoral Colloquium; Academy of Management Meetings; UCLA “Migration, Trafficking and Regional Integration” Workshop; Harvard-Manchester Summer Immigration Workshop; IZA-EBRD Conference, “Labor Market Dynamics, the Role of Institutions and Internal Labor Markets in Transition and Emerging Market Economies”, Bologna

**Service:**

**Ad Hoc Referee:**

*American Economic Review, American Economic Review: Insights, Demography, Eastern European Economics, Economics of Education Review, Economics of Transition, Feminist Economics, Journal of Comparative Economics, Journal of Human Resources, Journal of Labor Economics, Journal of the European Economic Association, Journal of Economics & Management Strategy, Journal of Public Economics, Journal of Management Studies, Labour Economics, Management Science, National Science Foundation, Quarterly Journal of Economics, Review of Economics & Statistics, Research Policy*



**Service to the Profession:**

2022 – : Board Member, AEA Committee on the Status of Women in the Economics Profession (CSWEP)

2021: Scientific Committee Member, International Conference “Rethinking Gender: Economic and Social Costs of Gender Inequality,” Kyiv School of Economics

2018 – 2021: Scientific Committee Member, “Workshop Series on Migration, Globalization and the Knowledge Economy”

2017 –2019: Association for Comparative Economic Studies (ACES) Executive Committee

2017 –2018: Co-Organizer, NBER-NSF-Kauffman Foundation Conference on The Role of Immigrants and Foreign Students in Science, Innovation, and Entrepreneurship

**University Service:**

2022 – : Director, Computational Social Science Institute (CSSI)

2018 –2021: Associate Director, Computational Social Science Institute (CSSI)

Spring 2021: Member, Chancellor's Flexible Learning Task Force Workload and Support Subgroup

2019–2020, Fall 2020: Member, SBS Dean Search Committee

2017–2018: Senator, Faculty Senate

2016–2018: Member, Computational Social Science Institute (CSSI) Steering Committee

**College Service:**

2017 –: Member, CSBS committee on Data Analytics Master’s Program

Spring 2021: Member, CSBS Futures Task Force

2016: Member, CSBS Social Science Matters Immigration Theme Planning Committee

**Departmental Service:**

2020–: Executive Committee

2016–: (Co-)Organizer, Applied Microeconomics Workshop

2015–2016, 2019-2020: Member, Faculty Search Committee

2018–2019: Member, Graduate Program Committee

2015–2018: Member, IT Committee

2015–2016: Member, UMass Cooperative Enterprise Collaborative (UMACEC)

**Languages:**

English (native), Bengali (fluent), German (fluent), Russian (fluent), Ukrainian (proficient)