

# SEEMA JAYACHANDRAN

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## Academic Positions

2011-present Associate Professor, Department of Economics, Northwestern University  
2014-2015 Visiting Associate Professor, Department of Economics, Massachusetts Institute of Technology  
2006-2011 Assistant Professor, Department of Economics, Stanford University  
2010-2011 Visiting Scholar, Department of Economics, Harvard University  
2004-2006 Robert Wood Johnson Foundation Scholar in Health Policy Research, University of California, Berkeley

## Education

2004 Ph.D., Harvard University, Economics  
1999 M.A., Harvard University, Physics  
1995 M.A., University of Oxford, Physics and Philosophy  
1993 B.S., Massachusetts Institute of Technology, Electrical Engineering

## Affiliations

National Bureau of Economic Research (NBER), Research Associate  
Abdul Latif Jameel Poverty Action Lab (J-PAL), Board of Directors Member & Chair of Gender Sector  
Bureau for Research and Economic Analysis of Development (BREAD), Board of Directors Member & Fellow  
Other affiliations: Centre for Economic Policy Research, International Growth Centre, Innovations for Poverty Action, Institute for Policy Research, Buffett Institute for Global Studies

## Published and Forthcoming Papers

“The Price Effects of Cash Versus In-Kind Transfers” (with J. Cunha and G. De Giorgi), forthcoming, Review of Economic Studies  
“Firm Growth and Corruption: Empirical Evidence from Vietnam” (with J. Bie, E. Malesky, and B. Olken), forthcoming, Economic Journal  
“Why Are Indian Children So Short? The Role of Birth Order and Son Preference” (with R. Pande), American Economic Review, 107(9), September 2017, pp. 2600–2629  
“Cash for Carbon: A Randomized Trial of Payments for Ecosystem Services to Reduce Deforestation” (with J. De Laat, E. Lambin, C. Stanton, R. Audy, and N. Thomas), Science, 357(6348), July 2017, pp. 267–273  
“Mothers Care More, But Fathers Decide: Educating Parents about Child Health in Uganda,” (with M. Björkman Nyqvist), American Economic Review Papers and Proceedings, 107(5), May 2017, pp. 496-500  
“Fertility Decline and Missing Women,” American Economic Journal: Applied Economics, 9(1), January 2017, pp. 118-139  
“Friendship at Work: Can Peer Support Catalyze Female Entrepreneurship?” (with E. Field, N. Rigol, and R. Pande), American Economic Journal: Economic Policy, 8(2), May 2016, pp. 125-153

- “The Roots of Gender Inequality in Developing Countries” Annual Review of Economics, vol. 7, 2015, pp. 63-88
- “Does Contraceptive Use Always Reduce Breastfeeding?” Demography, 51(3), June 2014, pp. 917-937
- “Incentives to Teach Badly: After-School Tutoring in Developing Countries,” Journal of Development Economics, 108, May 2014, pp. 190-205
- “Liquidity Constraints and Deforestation: The Limitations of Payments for Ecosystem Services,” American Economic Review Papers and Proceedings, 103(3), May 2013, pp. 309-313
- “Why Do Mothers Breastfeed Girls Less Than Boys? Evidence and Implications for Child Health in India” (with I. Kuziemko), Quarterly Journal of Economics, 126(3), August 2011, pp. 1485-1538
- “Do Traditional Institutions Constrain Female Entrepreneurship? A Field Experiment on Business Training in India” (with E. Field and R. Pande), American Economic Review Papers and Proceedings, 100(2), May 2010, pp. 125-129
- “Modern Medicine and the 20th-Century Decline in Mortality: Evidence on the Impact of Sulfa Drugs,” (with A. Lleras-Muney and K. Smith), American Economic Journal: Applied Economics, 2(2), April 2010, pp. 118-146
- “Air Quality and Early-Life Mortality: Evidence from Indonesia’s Wildfires,” Journal of Human Resources, 44(4), Fall 2009, pp. 916-954
- “Life Expectancy and Human Capital Investments: Evidence from Maternal Mortality Declines” (with A. Lleras-Muney), Quarterly Journal of Economics, 124(1), February 2009, pp. 349-397
- “The Jeffords Effect,” Journal of Law and Economics, 49(2), October 2006, pp. 397-425
- “Selling Labor Low: Wage Responses to Productivity Shocks in Developing Countries,” Journal of Political Economy, 114(3), June 2006, pp. 538-575
- “Odious Debt,” (with M. Kremer), American Economic Review, 96(1), March 2006, pp. 82-92

### **Working Papers**

- “Environmental Externalities and Free-Riding in the Household” (with K. Jack and S. Rao), January 2018, National Bureau of Economic Research Working Paper No. 24192.
- “Surviving the Winter: Inexpensive Heating Reduces Mortality” (with J. Chirakijja and P. Ong), October 2017
- “Reshaping Adolescents’ Gender Attitudes: Evidence from a School-Based Experiment in India” (with D. Dhar and T. Jain), January 2018
- “Intergenerational Transmission of Gender Attitudes: Evidence from India” (with D. Dhar and T. Jain), October 2016

### **Book Chapters**

- “The Causes and Consequences of Increased Female Education and Labor Force Participation in Developing Countries” (with R. Heath), forthcoming in Oxford Handbook of Women and the Economy, eds. S. Averett, L. Argys and S. Hoffman. (New York: Oxford University Press, 2017)
- “Governance Challenges in Education and Health Care in Developing Countries,” in S. Asefa and W.-C. Huang (eds.), The Political Economy of Good Governance, W.E. Upjohn Institute for Employment Research, 2015, pp. 93-110.
- “Odious Debt,” (with M. Kremer) in C. Jochnick and F. Preston (eds.), Sovereign Debt at the Crossroads, Oxford University Press, 2006
- “Odious Debt,” (with M. Kremer) in A. Mody and C. Pattillo (eds.), Macroeconomic Policies and Poverty, Routledge, 2006

### Op-Eds and Other Writing for a General Audience

- “Unwanted: 21 Million Girls,” Indian Express, February 24, 2018
- “Using the Airbnb Model to Protect the Environment,” New York Times, December 29, 2017
- “Why Public Health Insurance Could Help, Even If You Don’t Want It,” New York Times, September 29, 2017
- “Forest Conservation in Uganda: Using Financial Incentives to Avert Climate Change,” VoxDev, September 28, 2017
- “Odds Are You’re Measuring Son Preference Incorrectly,” World Bank Development Impact Blog, June 19, 2017
- “A Friend’s Support Can Make Women Better Entrepreneurs” (with E. Field, R. Pande, and N. Rigol), HBR.org, June 2015
- “Son Preference Drives India’s High Child Malnutrition Rates,” (with R. Pande), VoxEU, May 5, 2015
- “The Impact of In-kind and Cash Transfers on Local Prices” (with J. Cunha and G. De Giorgi), Policy in Focus, 2015, 11(1)
- “Does Economic Development Mean Less Discrimination Against Women?” Milken Institute Review, January 2015
- “The Youngest Is Hungriest” (with R. Pande), New York Times, Aug. 10, 2014
- “Tell Us What You Really Think: Measuring Gender Attitudes in Haryana,” (with D. Dhar and T. Jain), Ideas for India, July 18, 2014
- “Choice Not Genes: Probable Cause for the India-Africa Child Height Gap” (with R. Pande), Economic and Political Weekly, 48(34), August 2013, pp. 77-79
- “Cutting Down Trees for Emergency Cash: Why Access to Credit Can Make PES Programs More Effective,” Climate-Eval.org, May 13, 2013
- “Evaluating a Payments for Ecosystem Services Program in Uganda,” Climate-Eval.org, April 22, 2013
- “Loan Sanctions: A New Tool for Diplomacy?” (with M. Kremer), washingtonpost.com, Feb. 7, 2007
- “A Dictator’s Crippling Debt,” (with M. Kremer), Harvard Magazine, July 2003
- “Make Odious Debt Too Risky to Issue,” (with M. Kremer), Financial Times, May 9, 2003
- “Odious Debt,” (with M. Kremer), Brookings Review, Spring 2003
- “A World of Junk-Status States,” (with M. Kremer), Guardian, Aug. 19, 2002
- “Odious Debt,” (with M. Kremer), Finance and Development, June 2002

### Awards and Honors

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|------------------------|---|
| 2018                   | Sustainability Science Award, Ecological Society of America (for the greatest scholarly contribution on ecosystem sustainability published in the previous 5 years) |
| 2011                   | Alfred P. Sloan Research Fellow   |
| 2011-2016              | National Science Foundation CAREER Grant  |
| 2012, 2011             | Excellence in Refereeing Award, <u>Quarterly Journal of Economics</u>   |
| 2014, 2013, 2010, 2009 | Excellence in Refereeing Award, <u>American Economic Review</u>   |
| 2003                   | Eliot Dissertation Completion Fellowship, Harvard University  |
| 2002                   | Program on Justice, Welfare, & Economics Fellowship, Harvard University   |
| 2002                   | Certificate of Distinction in Teaching, Harvard University  |
| 2001                   | Social Science Research Council Fellowship  |
| 1997-2000              | National Science Foundation Graduate Fellowship (Physics)   |
| 1993-1995              | Marshall Scholar  |
| 1993                   | Phi Beta Kappa  |

### Editorial Positions

Board of Reviewing Editors, Science, 2016-present  
 Associate Editor, American Economic Review, 2014-present  
 Associate Editor, Quarterly Journal of Economics, 2014-present  
 Associate Editor, Journal of Economic Perspectives, 2016-present  
 Co-editor, Journal of Human Resources, 2012-2016  
 Associate Editor, American Economic Journal: Applied Economics, 2011-2013  
 Associate Editor, Journal of Development Economics, 2010-2016

### Professional Service

Program Committee for NBER Summer Institute, Development Economics, July 2017; Econometric Society North American Winter Meeting, January 2016; Econometric Society World Congress 2015; NBER Development Program Meeting, October 2014; Econometric Society North American Winter Meeting, January 2014; American Economic Association Annual Meetings, 2013; Econometric Society North American Summer Meeting, June 2012; BREAD Conference, Yale University, May 2012; Econometric Society North American Winter Meeting, January 2012  
 Co-organizer, CESifo Conference on Malnutrition in South Asia, July 2011  
 Co-organizer, Stanford Institute in Theoretical Economics Conferences: Development Economics, August 2017; Growth and Development, August 2009; Health and Economic Development, June 2006  
 Co-chair, Working Group on Loan Sanctions, Center for Global Development, 2009-2010  
 Mentor, Committee on the Status of Women in the Economics Profession (CSWEP) Mentoring Workshop for Junior Faculty, January 2012  
 Faculty instructor, J-PAL Executive Training Course (Indonesia 2008, Uganda 2012, India 2013)  
 Advisory Board, Northwestern Program on Equality Development and Globalization Studies, 2012-2014  
 Departmental service: Planning Committee, Northwestern (2015-2017), Applied Micro Hiring Committee, Northwestern (2011-2017); Ad Hoc Committee on the Graduate Program, Northwestern (2016-2017); Junior Faculty Recruiting Committee, Northwestern (2011-2014); Junior Faculty Recruiting Committee, Stanford (2007-2010), Graduate Program Committee, Stanford (2007-2008)  
 Referee/reviewer for American Economic Review, American Economic Journal, Econometrica, Economic Development and Cultural Change, Economic Journal, Journal of Development Economics, Journal of Econometrics, Journal of Economic Growth, Journal of Health Economics, Journal of Human Resources, Journal of Political Economy, Journal of Public Economics, National Institutes of Health, National Science Foundation, Quarterly Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, Science, and others

### Other Work Experience

2011-2015 Consultant, Federal Reserve Bank of Chicago  
 2005 United Nations Development Program, Hanoi Office, consultant on design of the 2006 Vietnam Household Living Standards Survey  
 2002 Google Inc., short-term consultant on measuring and forecasting employee performance  
 1995-1997 McKinsey & Company, San Francisco, management consultant