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E d u c a t i o n

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|---------------|---|
| 9/1995-6/2001 | Ph.D. in Economics, Harvard University, Cambridge, MA, |
| 10/92-7/94 | Economics Tripos with Affiliated Status, Cambridge University, U.K. |
| 7/89-5/92 | Bachelors of Arts, St. Stephen's College, Delhi, India |

E m p l o y m e n t

- 2013-Present: Lead Economist, World Bank and Senior Visiting Fellow, Centre for Policy Research, New Delhi
- 2011-2013: Senior Economist, World Bank and Visiting Fellow, Centre for Policy Research, New Delhi
- 2010-2011: Core Team Member, World Development Report 2012
- 2007-2010: Senior Economist, World Bank and Visiting Fellow, Centre for Policy Research, New Delhi.
- 2001-2007: Economist, World Bank

P u b l i c a t i o n s

1. "Quality of Tuberculosis care by Indian Pharmacies: Mystery Clients Offer New Insights." (with Rosalind Miller and Madhukar Pai) *Journal of Clinical Tuberculosis and other Mycobact Disease*, Vol.(10): 6-8. 2018.
2. "Tuberculosis Detection and the Challenges of Integrated Care in Rural China: A Cross-sectional Standardized Patient Study." (with Sean Sylvia, Chengchao Zhou, Yaojiang Shi, Hongmei Yi, Huan Zhou, Scott Rozelle and Madhukar Pai) *PLoS Med* 14(10): e1002405, 2017. <https://doi.org/10.1371/journal.pmed.1002405>
3. "In Aid we Trust: Hearts and Minds and the Pakistan Earthquake of 2005." (with Tahir Andrabi) *Review of Economics and Statistics*, 99(3): 371–386, 2017.

4. “Compliance with Infection Prevention and Control Practices in Primary Care Settings: A Cross-Sectional Study in 935 Kenyan Health Facilities.” (with Guadalupe Bedoya, Amy Dolinger, Khama Rogo, Njeri Mwaura, Francis Wafula, Jorge Coarasa and Ana Goicoechea.) 2017, *Bulletin of the World Health Organization*, 95: 503-516, 2017.
5. Das Jishnu, 2017. “Use of Standardized Patients to Assess Quality of Health Care in Kenya: A Pilot, Cross-Sectional Study.” (with Ben Daniels, Guadalupe Bedoya, Amy Dolinger, Khama Rogo, Njeri Mwaura, Francis Wafula, Jorge Coarasa and Ana Goicoechea.) *BMJ: Global Health*, 10th July 2017.
6. “Report Cards: The Impact of Providing School and Child Test Scores on Educational Markets.” (with Tahir Andrabi and Asim I. Khwaja) *American Economic Review*, 107(6): 1535-1563, 2017
7. “A Systematic Tale of two Differing Reviews: Evaluating the Evidence on Public and Private Sector Quality of Primary care in Low and Middle Income Countries.” (with Jorge Coarasa, Elizabeth Gummerson and Asaf Bitton) *Globalization and Health*, April 12; 13(1): 24, 2017.
8. “Enhancing Quality of Medical Care in Low Income and Middle Income Countries through Simulation Based Initiatives: Recommendations of the Simnovate Global Health Domain Group.” (with Lekha Puri, Madhukar Pai, Priya Agrawal, J Edward Fitzgerald, Edward Kelley, Sarah Kesler, Kedar Mate, Manoj Mohanan, Allan Okrainec and Rajesh Aggarwal) *BMJ Stel*; 3 (Suppl 1): S15-S22, 2017.
9. “The Fiscal Cost of Weak Governance: Evidence from Primary Education in India,” (with Karthik Muralidharan, Alaka Holla and Aakash Mohpal) *Journal of Public Economics*, 145: 116-135, 2017.
10. “Quality and Accountability in Healthcare Delivery: Audit-Study Evidence from Primary Care in India.” (with Alaka Holla, Aakash Mohpal and Karthik Muralidharan) *American Economic Review*, Vol. 106(12): 3765-3799, 2016.
11. “Examining the Quality of Medicines at Kenyan Healthcare Facilities: A Validation of an Alternate Post-Market Surveillance Model that uses Standardized Patients.” (with Guadalupe Bedoya, Amy Dolinger, Khama Rogo, Njeri Mwaura, Francis Wafula, Bernard Olayo) *Drugs-Real World Outcomes*, November 2016. Advance online access: doi:10.1007/s40801-016-0100-7, 2016.
12. “The Impact of Training Information Healthcare Providers in India: A Randomized Controlled Trial.” (with Abhijit Chowdhury, Reshmaan Hussam and Abhijit V. Banerjee) *Science*, Vol. 354, Issue 6308, 2016.
13. “Socioeconomic Status and Quality of Health Care: New Evidence from Linked Surveys of Providers and Households in Rural India.” (with Aakash Mohpal) *Health Affairs* 35(10): 1764-1779, 2016.
14. “Over-the-counter Antibiotic use by Pharmacists in Urban India: A Cross-Sectional Study with Implications for Tuberculosis Control and Antimicrobial Stewardship.” (with Ada Kwan, Ben Daniels, Srinath Satyanarayana, Ramnath Subbaraman, Sofi Bergkvist, Ranendra K. Das, Veena Das and Madukar Pai) *Lancet Infectious Diseases*, 16(11): 1261–1268, 2016.

15. "Response to Letter: Assessing Quality of TB care in India with STCI as benchmark." (with Madhukar Pai) *Lancet Infectious Diseases*, 16 (1): 22, 2016.
16. "Conducting Ethical Economic Research: Complications from the Field." (with Harold Alderman and Vijayendra Rao) in George F. DeMartino and Deirdre N. McCloskey eds. *Handbook on Professional Economic Ethics*. Oxford University Press. Oxford, 2016.
17. "First Use and Validation of the Standardized Patient Methodology to Assess Quality of Tuberculosis Care: a Pilot, Cross-sectional Study." (with Ada Kwan, Ben Daniels, Srinath Satyanarayana, Ramnath Subbaraman, Sofi Bergkvist, Ranendra K. Das, Veena Das and Madhukar Pai.) *Lancet Infectious Diseases*, Volume 15(11): 1305-13132, 2015.
18. "Quality of Tuberculosis Care in India: A Systematic Review." (with Srinath Satyanarayana, Ramnath Subbaraman, Priya Shete, Genevieve Gore, Adithya Cattamanchi, Kenneth Mayer, Dick Menzies, Anthony D Harries, Phillip Hopewell, Madhukar Pai.) *International Journal of Tuberculosis and Lung Disease*, 19(7): 751-63, 2015
19. "Delivering Education: A Pragmatic Framework for Improving Education in Low-Income Countries." (with Tahir Andrabi and Asim Ijaz Khwaja) in ed. Pauline Dixon, Steve Humble and Chris Counihan. *Handbook of International Development and Education*, pp. 85-131, 2015.
20. "Private vs. Public." (with Jorge Coarasa and Jeffrey Hammer) *Finance and Development*, Vol. 51(4): 34-36.
21. "The Evolution of Mortality Rates by Sex: The Experiences of the Rich and the Uncertainties of the not-so-rich." (with Rabia Ali) in Veena Das and Clara Han ed. *An Anthropology of Living and Dying in the Contemporary World*, University of California Press, 2015.
22. "Quality of Primary Care in Low-Income Countries: Facts and Economics." (with Jeffrey Hammer) *Annual Review of Economics*, Vol. 6: 525-555, 2014.
23. "U.S. and Them: The Geography of Academic Research." (with Quy Toan Do, Karen Shaines and Sowmya Srinivasan) *Journal of Development Economics*, 105: 112-130, 2013.
24. "Management of TB in India: Time to Focus on Quality." (with Madhukar Pai) *National Medical Journal of India*, Vol. 26(2): e1-e5, 2013.
25. "Students Today, Teachers Tomorrow? Identifying Constraints on the Provision of Education." (with Tahir Andrabi and Asim Khwaja) *Journal of Public Economics*, 100: 1-14, 2013.
26. "School Inputs, Household Substitution and Test Scores." (with Stefan Dercon, James P. Habyarimana, Pramila Krishnan, Karthik Muralidharan and Venkatesh Sundararaman.) *AEJ: Applied Economics* 5(2): 29-57, 2013.
27. "The Quality of Medical Care in Clinics: Evidence from a Standardized Patient Study in a Low-Income Setting". (with Alaka Holla, Veena Das, Manoj Mohanan, Diana Tabak and Brian Chan) *Health Affairs*, Vol. 31(12): 2274-2784, 2012.

28. “A Practical Comparison of Linear IV and Bivariate Probit Estimators”. (with Richard Chiburish and Michael Lokshin) *Economics Letters*, Vol. 117(3): 762-766, 2012.
29. “Mental Health in Delhi: Patterns and Narratives.” (with Ranendra Kumar Das and Veena Das) *Social Science and Medicine*, Vol. 75(9): 1660-1672, 2012.
30. “What did you do all Day? Maternal Education and Child Outcomes” (with Tahir Andrabi, and Asim I. Khwaja) *Journal of Human Resources*, Vol.47(4): 873-912, 2012.
31. “Learning Levels and Gaps in Pakistan with a Comparison to Uttar Pradesh and Madhya Pradesh.” (with Priyanka Pande and Tristan Zajonc) *Economic and Political Weekly*, Vol. XLVII (26&27): 228-240, 2012.
32. “The Impact of Recall Periods on Reported Morbidity and Health Seeking Behavior.” (with Jeffrey Hammer and Carolina Sanchez) *Journal of Development Economics*, Vol. 98(1): 76-89.
33. Das, Jishnu. 2012. “Common Property Resources.” in ed. Surinder Jodhka. “Village Society”. Orient Black Swan. New Delhi, 2012.
34. “Health and Health Policy in India: The Case for Quality of Care.” (with Jeffrey Hammer) In ed. Chetan Ghate, *Oxford Handbook of the Indian Economy*. Oxford University Press, New Delhi and London, 2012.
35. “Madrasa Statistics don’t Support the Myth.” (with Tahir Andrabi and Asim Khwaja) in ed. Shahzad Bashir and Robert D. Crews. *Under the Drones: Modern Lives in the Afghanistan-Pakistan Borderlands*. Harvard University Press. Cambridge, Massachusetts, 2012.
36. “Poverty and Mental Disorders: Breaking the Cycle in Low-Income and Middle-Income Countries.” (with Crick Lund, Mary De Silva, Sophie Plagerson, Sara Cooper, Dan Chisholm, Martin Knapp and Vikram Patel) *Lancet*, Vol. 378(9801): 1502-1514, 2011.
37. “India’s Health Insurance Scheme for the Poor: Evidence from the Early Experience of the Rashtriya Swasthya Bima Yojana.” (with Robert Palacios and Changqing Sun) Centre for Policy Research, New Delhi, 2011.
38. “Lessons from an Experimental Campaign for Evaluating the RSBY.” (with Jessica Leino) *Economic and Political Weekly*, Vol. XLVI (32), 2011.
39. “Lost in Translation” (with Jeffrey Hammer and Shanta Devarajan) *Boston Review*, March/April 2011.
40. “The Quality of Medical Care in Low-Income Countries: From Providers to Markets.” *PLoS Med* 8(4): e1000432, 2011.
41. “Do Value-added Models Add Value?” (with Tahir Andrabi, Asim I. Khwaja and Tristan Zajonc) *American Economic Journal: Applied Economics* 3: 29-54, 2011.
42. “The Black Hole of Pakistan.” *Foreign Policy*, October 7th, 2010.

43. “Madrassa Metrics: The Rhetoric and Statistics of Religious Enrollment in Pakistan” (with Tahir Andrabi, Asim Khwaja and Tristan Zajonc) in ed. Naveeda Khan, “*Beyond Crisis: Re-Evaluating Pakistan.*” Routledge, Oxford, UK, 2010.
44. “Improving Immunization Coverage in Rural India.” *BMJ*; 340: c2553, 2010.
45. “India Shining and Bharat Drowning: Comparing Two Indian States to the Worldwide Distribution in Mathematics Achievement.” (with Tristan Zajonc), *Journal of Development Economics*, 92(2): 175-187, 2010.
46. “Mental Health Patterns and Consequences: Results from Survey Data in Five Countries.” (with Quy-Toan Do, Jed Friedman and David McKenzie) *World Bank Economic Review*, 23(1): 31-55, 2009.
47. “The Madrassa Myth.” (with Tahir Andrabi, C. Christine Fair and Asim Ijaz Khwaja) *Foreign Policy*, 2009.
48. Review of “Low Income, Social Growth and Good Health”, *New England Journal of Medicine*, Volume 358:2851, Number 26, 2008.
49. “The Quality of Medical Advice in Low-Income Countries.” (with Jeffrey Hammer and Kenneth Leonard) *Journal of Economic Perspectives*, 22(2), pp. 93-114, 2008.
50. Response to Comment on “Mental Health and Poverty in Developing Countries: Revisiting the Relationship” (with Quy-Toan Do, Jed Friedman, David McKenzie and Kinnon Scott) *Social Science and Medicine* Vol. 66(9): 2064-2066, 2008.
51. “A Dime a Day: The Possibilities and Limits of Private Schooling in Pakistan.” (with Tahir Andrabi, and Asim I. Khwaja) *Comparative Education Review* 52(3): 329:345, 2008.
52. “Using Vignettes to Measure the Quality of Health Care.” (with Kenneth Leonard) in Amin, Samia, Jishnu Das and Markus Goldstein (eds.) *Are you Being Served: New Tools for Measuring Service Delivery.* World Bank, Washington DC. 2008.
53. “Are you Being Served: New Tools for Measuring Service Delivery.” (with Samia Amin and Markus Goldstein) World Bank, Washington DC. 2008.
54. “The Quality of Medical Care in India.” (with Jeffrey Hammer) in Kaushik Basu (ed.) *The Oxford Companion to Economics in India*, Oxford University Press, 2008.
55. “Chronic Illnesses in India.” (with Jeffrey Hammer) in Kaushik Basu (ed.) *The Oxford Companion to Economics in India*, Oxford University Press, 2008.
56. “Learning and Educational Achievements in Punjab Schools: Insights to Inform the Policy Debate.” (with Tahir Andrabi, Asim Ijaz Khwaja, Tara Vishwanath and Tristan Zajonc) World Bank, Washington DC. 2007.
57. “Teacher Shocks and Student Learning: Evidence from Zambia.” (with Stefan Dercon, James Habyarimana and Pramila Krishnan) *Journal of Human Resources* 42(4): 795-819, 2007.

58. Mental Health and Poverty in Developing Countries: Revisiting the Relationship. (with Quy-Toan Do, Jed Friedman, David McKenzie and Kinnon Scott) *Social Science and Medicine*, 65(3): 467-480, 2007.
59. “Practice-Quality Variation in Five Low-Income Countries: A Conceptual Overview.” (with Paul Gertler) *Health Affairs* 26, No. 3: w296-w309, 2007.
60. “Location, Location, Location: Residence, Wealth and the Quality of Medical Care in Delhi, India.” (with Jeffrey Hammer) *Health Affairs* 26, No. 3: w338-w351, 2007.
61. “Variations in Doctor Effort: Evidence from Paraguay.” (with Thomas Sohnesen) *Health Affairs* 26, No. 3: w324-w337, 2007.
62. “Money for Nothing: The Dire Straits of Medical Practice in India.” (with Jeffrey Hammer), *Journal of Development Economics*, 83(1): 1-36, 2007.
63. “Religious Schooling in Pakistan: A Look at the Data.” (with Tahir Andrabi, Asim Ijaz Khwaja and Tristan Zajonc) *Comparative Education Review*, Vol. 50(3): 446-477.

Reprinted in Wadad Kadi and Victor Bileh, eds. 2007. Islam and Education: Myths and Truths. University of Chicago Press Journals, Chicago.

Winner, George Bereday Award for Outstanding Paper in the Comparative Education Review, 2006.

64. “A Reassessment of Conditional Cash Transfers”. (with Quy-Toan Do and BerkOzler) *World Bank Research Observer* 20(1): 57-80, 2005.
65. “Which Doctor: Combining Vignettes and Item Response to Measure Doctor Quality.” (with Jeffrey Hammer) *Journal of Development Economics* 78: 348-83, 2005.
66. “Strained Mercy: Quality of Medical Care in Delhi” (with Jeffrey Hammer) *Economic and Political Weekly*. Vol. 39(9): 951-961, 2004.
- Reprinted, Jean Dreze ed. *Social Policy*, Orient BlackSwan, New Delhi 2016.
67. “Trust, Learning and Vaccination: Evidence from a North Indian Village”, (with Saumya Das) *Social Science and Medicine* 57(1): 97-112, 2003.
68. Das, Jishnu. 2000. “Institutions and Incentives: Case Study of a Village in Garhwal, Part I”, *Economic and Political Weekly*, December 2000.
69. Das, Jishnu 2000. “Institutions and Incentives: Case Study of a Village in Garhwal, Part II”, *Economic and Political Weekly*, December 2000.

Reports and Notes

70. Primary care for the Poor: The potential of micro-health markets to improve care. (with Jorge Coarasa) Viewpoint no.; 345. Washington, DC : World Bank Group, 2015.
<http://documents.worldbank.org/curated/en/2015/01/24016883/primary-care-poor-potential-micro-health-markets-improve-care>

71. “Gender Differences in Risks of Death: Africa’s Excess Female Mortality and Trends over Time.” (with Rabia Ali) ADI Technical Note, World Bank, 2012.
72. “The Indian Poor are Even Sicker than You Thought.” (with Jeffrey Hammer) *India Health Beat*, Volume 3, Number 4, 2010.
73. “The Quality of Medical Care in India: A Summary of Recent Research.” (with Jeffrey Hammer) *India Health Beat*, Volume 3, Number 1, 2010.
74. “Quality of Medical Care in Private and Public Sectors.” Featured Article, Human Development and Public Services Group, 2006.
75. “Health Service Delivery in Paraguay: A Review of Quality of Care and Policies on Human Resources and User Fees.” (with Daniel Dulitzky and Thomas Pave Sohnesen) World Bank Report #33416-PY, 2006.
76. “Public and Private Funding in Zambian Basic Education: Rules Vs. Discretion”. (with Stefan Dercon, James Habyarimana and Pramila Krishnan), Africa Human Development Working Paper Series #62. Report incorporated in PEMFAR Zambia, 2004.
77. “Test Feasibility Report” (with Tahir Andrabi and Asim Ijaz Khwaja) (Background Technical Report for Pakistan Education Project), 2003.

Working Papers

1. “The Misallocation of Pay in the Public Sector: Evidence from the Labor Market for Teachers.” (with Natalie Bau) *Resubmitted*.
2. “Rethinking Assumptions about Healthcare Delivery: Implications for Universal Health Coverage.” (with Ashish Jha, Liana Woskie *Under Revision*.
3. The Value of Private Schools: Evidence from Pakistan. (with Pedro Carniero and Hugo Reis) IZA Working Paper #9960.
4. Das, Jishnu, Clement Joubert and Sander Florian Tordior. 2017. Compensation, Diversity and Inclusion at The World Bank. Policy Research Working Paper #8058. The World Bank.

Work in Progress

5. “Upping the Ante: The Equilibrium Impact of Unconditional Grants to Private Schools.” (with Tahir Andrabi, Asim Ijaz Khwaja, Selcuk Ozyurt and Niharika Singh).
6. “Bad Public Schools are Public Bads: Test Scores and Civic Outcomes in Public and Private Schools.” (with Tahir Andrabi, Natalie Bau and Asim Ijaz. Khwaja)

Websites

Co-founder of www.risepak.com: (Now inactive and archived) Set up after the earthquake in Pakistan to aid in relief and recovery. Awarded Stockholm Challenge Award for best project in Public Administration Category, 2006.

www.leapsproject.org: Set up as a resource for work on education in Pakistan. Shares data and findings from the LEAPS project in Pakistan.

<http://go.worldbank.org/JDO57L7VF0> Website on the quality of medical care in low-income countries. Shares data and findings from a number of medical quality studies.

Refereeing Activities

Economics Journals American Economic Review, AEJ: Applied Economics, AEJ: Economic Policy, Review of Economic Studies, Review of Economics and Statistics, Quarterly Journal of Economics, Economic Journal, Journal of Development Economics, World Bank Economic Review, Economic Development and Cultural Change, Journal of Health Economics, Economica, Economics of Education Review, Comparative Education Review, Journal of African Economics, Journal of Human Resources, Journal of the European Economic Association, Journal of Political Economy.

Health Journals: Social Science and Medicine, Health Policy and Planning, Lancet, Lancet Global Health, New England Journal of Medicine, Health Affairs, JAMA, Lancet, , International Journal of Environmental Research and Public Health, BMJ, BMJ Open, Population Studies, PLoS Medicine, PLoS One, Science, Vaccine, Population Studies, BMC Public Health, Medical Research and Review, International Journal of Quality in Health Care, WHO Bulletin

Foundations: National Science Foundation, Gates Foundation, Spenser Foundation, Care Foundation, European Research Council.

Other

Research Academy Award, World Bank 2017

Flanders Visiting Professor, McGill University, 2015

Research Academy Award, World Bank 2013

Editorial Board, World Bank Economic Review, 2006-2009

George-Bereday Award for Outstanding Paper in Comparative Education Review, 2006.

Stockholm Challenge Award for Outstanding ICT projects in the Public Administration Category for www.risepak.com

Valued Member, Pakistan Earthquake Recovery Team

Policy Work and World Bank Support

1. *Analytical approaches to Diversity and Inclusion at The World Bank.* (Ongoing). Produced a report using data on every employee at the World Bank between 1987 and 2015 to examine compensation, diversity and inclusion at The World Bank. Currently involved in designing a new system to identify staff with exceptionally low (or high) salaries at the institution.
2. *Quality of Health Care.* (Ongoing): Project to measure the quality of primary care in low-income countries, understand its' determinants and relate the findings to key issues in research and policy. Measurement tools developed through this project have been scaled up and implemented in various countries. Countries where these tools have been deployed include Cambodia, Vietnam, China, Kenya, Tanzania, Senegal, Nigeria, Madagascar, India and Lebanon.
3. *The Learning and Educational Achievement in Pakistan (LEAPS) Project.* (Ongoing): The Learning and Educational Achievement in Pakistan project is the largest longitudinal data collection and research exercise on rural locations with public and private schools. The project has collected data on 112 villages and its 800-plus schools along with 1800 households, 5000 teachers and 24,000 children. These villages have been surveyed in 2003, 2004, 2005, 2006 and 2010, with a follow-up survey to be completed in 2018. Public data from the project have been used in more than 50 research papers worldwide.
4. *Advice to the Africa Chief Economist's office.* (2011-2012). Member of team supporting the Africa Chief Economist's office (Shantayanan Devarajan). The team was responsible for overall policy discussions and providing advice on key issues in the region as well as the Bank's analytical and operational programs.
5. *The World Development Report: (2011)* Member of the core team of the World Development Report 2012 on gender, responsible for new analytical work on health and education and the overall production and dissemination of the report. The report is available at <http://go.worldbank.org/CQCTMSFI40>
6. *Rashtriya Swasthya Bima Yojana.* (2008-2011). Member of the initial team that setup India's inpatient health insurance scheme, which now reaches more than 100 million people. Responsible for data systems and research.
7. *The Pakistan Earthquake.* (2005-2010). A collaborative effort with Harvard University, Pomona College and Lahore University of Management Sciences, led to the website www.risepak.com, which was the first crowd-sourced website that collated information via text and internet and reposted the information on a public platform. The website was awarded the Stockholm Challenge Award in the Best ICT for Public Administration category and we have provided advice to other websites that have incorporated crowd-sourcing for information. Member of the team that designed the cash transfer recovery project following the earthquake.