

## ACADEMIC POSITIONS

*John F. Kennedy School of Government, Harvard University*

- Associate Professor of Public Policy (January 2012 - present)
- Assistant Professor of Public Policy (July 2008 – December 2011)

*Department of Economics, Columbia University*

- Visiting Scholar (Fall 2011)

*Wagner Graduate School of Public Service and Department of Economics, New York University*

- Assistant Professor of Public Policy and Economics (September 2005 – June 2008)

## EDUCATION

Massachusetts Institute of Technology, Ph.D., Economics (September 2005)

Cornell University, B. S. Policy Analysis, with Honors and Distinction (May 1999)

## PUBLICATIONS IN ECONOMICS

1. “Learning by Noticing: Theory and Experimental Evidence in Farming,” with Sendhil Mullainathan and Josh Schwartzstein, accepted at the *Quarterly Journal of Economics*.
2. “Environmental Regulations, Air and Water Pollution, and Infant Mortality in India,” with Michael Greenstone, accepted at the *American Economic Review*.
3. “Corruption,” with Abhijit Banerjee and Sendhil Mullainathan, *Handbook of Organizational Economics*, Princeton University Press, 2013.
4. “Discrimination in Grading,” with Leigh Linden, *American Economic Journal: Economic Policy*, November 2012.
5. “Incentives Work: Getting Teachers to Come to School,” with Esther Duflo and Stephen Ryan, *American Economic Review*, June 2012.
6. “Targeting the Poor: Evidence from a Field Experiment in Indonesia,” with Vivi Alatas, Abhijit Banerjee, Julia Tobias, and Ben Olken, *American Economic Review*, June 2012.
7. “U.S. Environmental Regulation and FDI: Evidence from a Panel of U.S. Based Multinational Firms,” *American Economic Journal: Applied Economics*, July 2010.
8. “The Impact of Inspections on Plant-Level Air Emissions,” with Paulina Oliva, *Berkeley Electronic Press Journals*, March 2010.
9. “Affirmative Action: Evidence from College Admissions in India,” with Marianne Bertrand and Sendhil Mullainathan, *Journal of Public Economics*, February 2010.
10. “Obtaining a Driving License in India: An Experimental Approach to Studying Corruption,” with Marianne Bertrand, Simeon Djankov, and Sendhil Mullainathan, *Quarterly Journal of Economics*, November 2007.

## WORKING PAPERS IN ECONOMICS

11. “Self-Targeting: Evidence from a Field Experiment in Indonesia,” joint with Vivi Alatas, Abhijit Banerjee, Ben Olken, Ririn Purnamasari, and Matthew Wai-Poi, NBER Working Paper w19127, revision requested at the *Journal of Political Economy*.

12. "The Effect of Pollution on Labor Supply: Evidence from a Natural Experiment in Mexico City," joint with Paulina Oliva, NBER Working Paper #17302, revision requested at *Journal of Public Economics*.
13. "Does the Effect of Pollution on Infant Mortality Differ Between Developing and Developed Countries? Evidence from Mexico City," joint with Eva Arceo and Paulina Oliva, NBER Working Paper w18349, revision requested at *Economic Journal*.
14. "Up in Smoke: The Long Run Impacts of Improved Cooking Stoves," with Esther Duflo and Michael Greenstone, NBER Working Paper w18033, revision requested at *American Economic Journal: Economic Policy*.
15. "Dishonesty and Selection into Public Service in India," Joint with Shing-Yi Wang, NBER Working Paper w19649, submitted.
16. "Network Structure and the Aggregation of Information: Theory and Evidence from Indonesia," joint with Vivi Alatas, Abhijit Banerjee, Arun Chandraskhar, and Ben Olken, NBER Working Paper w18351, submitted.
17. "Does Elite Capture Matter? Local Elites and Targeted Welfare Programs in Indonesia" joint with Vivi Alatas, Abhijit Banerjee, Ben Olken, Ririn Purnamasari, and Matthew Wai-Poi, NBER Working Paper w18798.
18. "Making a Deal with the Devil: Experimental Evidence on Bureaucratic Reform in India," joint with Iqbal Dhaliwal.
19. "Information is Power: Identification Cards and Food Subsidy Programs in Indonesia," joint with Abhijit Banerjee, Jordan Kyle, Ben Olken, and Sudarno Sumarto.
20. "Moving up the Energy Ladder: The Effect of a Permanent Increase in Assets on Fuel Consumption Choices in India" joint with Paulina Oliva.

#### **POLICY ARTICLES AND REPORTS**

1. "Targeting the Poor: Evidence from a Field Experiment in Indonesia," with Vivi Alatas, Abhijit Banerjee, Ben Olken, Ririn Purnamasari, and Matthew Wai-Poi, *3ie Report*, July 2013.
2. "The Effectiveness of Anti-Corruption Policy: What has worked, what hasn't, and what we don't know," with Sarah Bishop, Sara Nadel, Gabe Scheffler, and Katherine Durlacher, *DFID Systematic Review*, June 2011.
3. "Petty Corruption in Public Services: Driving Licenses in Delhi, India," with Marianne Bertrand, Simeon Djankov, and Sendhil Mullainathan, in the *Transparency International Global Corruption Report*, 2008.
4. "Cooking Stoves, Indoor Air Pollution and Respiratory Health in Rural Orissa, India," with Esther Duflo and Michael Greenstone, *Economic and Political Weekly*, August 2008.
5. "Indoor Air Pollution, Health and Productivity," with Esther Duflo and Michael Greenstone, *Surveys and Perspectives Integrating Environment and Society*, February 2008.
6. "Corruption in Driving Licenses in Delhi," with Marianne Bertrand, Simeon Djankov, and Sendhil Mullainathan, *Economic and Political Weekly*, February 2008.

#### **OPINION PIECES**

1. "Has Environmental Regulation Been Successful in India?" with Michael Greenstone, *Ideas for India*, July 2012.

2. "Clean Cookstoves Must be Rethought so They Actually Get Used in the Developing World," with Esther Duflo, Michael Greenstone, and Radha Muthiah, *National Geographic News Watch*, June 2012.
3. (Book Review) "Impact Evaluation in Practice," *Journal of Economic Literature*, September 2011.
4. "Do Teachers Discriminate Against Minorities in India?," with Leigh Linden, VOX, September 2009.
5. (Book Review) "When Things Fall Apart," *Journal of Economic Literature*, June 2009.
6. "Can Improved Stoves Improve Health?," *Indian Express*, May 12, 2009.
7. "Reservations: Gains at a Cost," with Marianne Bertrand, Sendhil Mullainathan, and Sudha Krishnan. *Mint* (Wall Street Journal, India), April 14, 2008.

## GRANTS AND FELLOWSHIPS

2014	Weiss Grant
2012	AusAID
2011	JPAL Governance Grant; Milton Grant (Harvard); Indonesia Center Grant (Harvard)
2010	3ie Open Window; USAID Development Innovation Ventures; Children Investment Fund Foundation; JPAL Bridge Funding; DFID Systematic Review; Harvard Center for Population and Development Studies; Science Sustainability Grant (Harvard); World Bank
2009	Spencer Small Grant; Mind, Brain and Behavior Grant (Harvard); South Asia Center Grant (Harvard); Asia Center Grant (Harvard)
2008	Science Sustainability Post-Doc Fellowship
2007	Russell Sage Small Grants in Behavioral Economics; NYU Curricular Development Challenge Fund
2006	Lincoln Institute of Land Policy; Taub Center (NYU); IFC; Research Challenge Fund (NYU)
2003	MIT Laboratory for Energy and the Environment
2000	National Science Foundation Fellowship Recipient

## PROFESSIONAL ACTIVITIES

Associate Editor, *Review of Economics and Statistics*, June 2012 to present

Scientific Director, *J-PAL South East Asia*, December 2012 to present

- Raised \$5.7 million from the Australian Government for core support, research funding, student support and research, and training activities
- Official launch on June 25<sup>th</sup>, 2013, with keynote lecture by President Susilo Bambang Yudhoyono

### Affiliations:

Sept 2009 to present	Affiliate	CEPR
Feb 2009 to present	Affiliate	National Bureau of Economic Research
Apr 2009 to present	Facility Affiliate	Weatherhead Center
Mar 2008 to present	Affiliate	BREAD
Jun 2007 to present	Research Fellow	IZA
Dec 2005 to present	Affiliate	<a href="#">Abdul Latif Jameel Poverty Action Lab</a>

### Seminar and Conference Organization:

NEUDC, Program Committee, 2010, 2011, 2013

Latin American and Caribbean Economic Association Meetings, Program Committee, 2010

Kennedy School Faculty Seminar, Organizer, Spring 2010

Harvard-MIT Development Seminar, Organizer, September 2008 – May 2010

### Selected Refereeing:

Journal of Environmental Economics and Management, Journal of Development Economics, Energy for Sustainable Development, The Economic Journal, The International Economic Journal, Journal of Public Economics, Journal of Human Resources, Review of Economics and Statistics, Journal of the European Economics Association, Quarterly Journal of Economics, Journal of Development Studies, National Science Foundation, Journal of Comparative Economics, American Economic Journal: Economic Policy, American Economic Journal: Applied Econometrics, Global Development Network, Southern Economic Journal, CUNY Fellowship Program, Economic Development and Cultural Change, Economics of Governance, Economic Journal Conference Volume, American Economic Review, Journal of Labor Economics, Labour Economics, Bulletin of Indonesian Economic Studies, Review of Economic Studies, Environmental and Resources Economics, BE Press Journals, Transparency International; 3ie; World Bank Economic Review

### PHD STUDENTS (INITIAL PLACING)

Marta Vicarelli (University of Mass Amherst; Post-doc at Yale)

Robyn Meeks (University of Michigan School of Natural Resources and Environment)

Arturo Aguilar (ITAM)

Maggie Triyana (NTU; Post-doc at Stanford)

### TEACHING

#### *Degree Courses:*

Second Year Policy Analysis	MPA/ID	Harvard Kennedy School
Econometrics	MPP	Harvard Kennedy School
Development Economics and Policy	MPA/ID	Harvard Kennedy School
Development Economics	MPA	New York University
Statistical Methods	MPA	New York University
Development Economics	PhD(Economics)	New York University
Program Evaluation (Taught in Ghana)	MPA	New York University

#### *Non-Degree Courses:*

- Harvard Indonesia Center, October 2012, October 2013
- Harvard Executive Ed: Analysis and Management of Energy and Environmental Policy, Jan 2013
- Asian Development Bank (Thailand), August 2012
- Harvard University Development Bootcamp, April 2012
- AMID Summer School (Nampur): An Introduction to Field Surveys: June 2009
- International Finance Corporation: Program Evaluation: May 2007
- JPAL: Randomized Evaluation: July 2006 (India), July 2007 (India), June 2008 (Indonesia), July 2008 (India), July 2009 (India), July 2010 (India), May 2011 (MIT)

### SELECTED MEDIA

- Information is Power: Identification Cards and Food Subsidy Programs in Indonesia: Featured in [The Economist](#) (12/13)
- Dishonesty and Selection into Public Service in India: Featured in over 20 venues including [Bloomberg](#) (11/13), [LA Times](#) (11/13), [Times of India](#) (11/13), [The Telegraph](#) (11/13), [Slate Magazine Blog](#) (11/13)
- Ordeal Mechanisms in Targeting: Evidence from a Field Experiment in Indonesia: Featured in the World Bank Development Impact Blog (7/13)
- South East Asia Launch Event: Featured in a variety of print and televised sources, including [The Jakarta Post](#), (7/13) and [The Jakarta Globe](#) (7/13)
- Environmental Regulations, Air and Water Pollution, and Infant Mortality in India: Featured in: [New York Times India Ink](#) (11/11), [Rediff](#) (9/12), Business Daily of the BBC (12/11)

- Up in Smoke: The Long Run Impacts of Improved Cooking Stoves: Featured in numerous venues including [Foreign Policy](#) (9/12), [Forbes India](#) (7/12), [Hindustan Times](#) (7/12), [Bloomberg Views](#) (5/12), [The Washington Post](#) (4/12), [The Economist](#) (4/12), [New York Times India Ink](#) (4/12), [Boston Globe](#) (4/12), [Center for Global Development: Views from the Center](#) (4/12), [Washington Post](#) (4/12), [Nature](#) (5/14), [Nature Editorial](#) (5/14)
- Targeting the Poor: Evidence from a Field Experiment in Indonesia: Featured in [Handelsblatt](#) (1/12)
- Incentives Work: Getting Teachers to Come to School: Featured in numerous news outlets including [New York Times Opinionator](#) (1/12), [Slate Magazine](#) (1/08), [The Times of India](#) (1/06), [The Telegraph](#) (1/06), [The Economist](#) (7/05), [The Indian Express](#) (3/04), [Forbes](#) (6/06), [New York Times](#) (12/10), [The Washington Times](#) (7/09), [Boston Review](#) (3/07), [Boston Globe](#) (7/06)
- Affirmative Action: Evidence from College Admissions in India: Featured in [Business Standard](#) (4/08), [Business Standard](#) (4/08)
- Making a Deal with the Devil: Experimental Evidence on Bureaucratic Reform in India: Featured in [India Blooms](#) (12/11), [Hindustan Times](#) (12/11)
- Discrimination in Grading: [Education Week](#) (11/09)
- Obtaining a Driving License in India: An Experimental Approach to Studying Corruption: Featured in [NPR](#) (4/10), [Los Angeles Times](#) (9/06), [Slate](#) (6/06), [Indian Express](#) (10/06), [Economic Times](#) (2/08), [Here and Now](#) (WBUR, 11/10)

#### **INVITED LECTURES AND CONFERENCES**

- 2014 AEA; George Washington School of International Affairs; Boston College; Boston University School of Management; University of Connecticut; Heidelberg; WZB Workshop (Berlin); Yale Workshop on Adoption of Household Energy Products; Harvard India Conference; University of Zurich
- 2013 Harvard Public Economics; Berkeley Economics; Stockholm; World Bank Latin America Group; World Bank DIME; High Level Policy Dialogue (Indonesia); LPEM at University of Indonesia; Harvard India Conference; Columbia University; Consortium for Energy Policy Research Seminar (Harvard); JPAL Policy Workshop (Indonesia); Pontificia Universidad Catolica de Chile; JPAL Policy Workshop (Chile); Berkeley ARE; University of Toronto; Hunter College; Brandeis; Poverty Reduction, Equity, and Growth Network Young Keynote Lecture; Warwick; World Bank Research Group; Harvard Saudi Conference
- 2012 AEA Meetings; University of Michigan; LSE/UCL; University of Amsterdam; UC San Diego; NBER Environment and Health Care Meetings; Science Sustainability Program at Harvard; Universitat Pompeu Fabra; Northeast Energy and Environment Conference (Cornell); IGC Conference (Bangladesh); IPA Conference (Thailand); JPAL USI Conference (Sri Lanka); NBER Labor SI; IGC Political Economy Meetings; Southern Methodist University; Yale University; Northwestern; Harvard Environmental Seminar; Boston University; University of Washington Seattle; Brookings Institute
- 2011 University of California, Berkeley; George Washington University; University of Virginia; Harvard Population Center; USAID (Delhi); University of Indonesia (Keynote Speaker at conference on impact evaluation); J-PAL/TNP2K Conference (co-organizer)
- 2010 HBS Strategy Conference (discussant); NBER Summer Institute (discussant for Environmental Meetings); Universidad de Los Andes (Colombia); Cornell University; Brown University; CEPR Development Meetings Pre-Conference; APPAM (discussant); Workshop on Environment and Development, UC Santa Barbara; Williams College; International Growth Conference (Delhi, India)
- 2009 Survey Design and Measurement Conference (World Bank); International Growth Conference (Columbia); Northeastern Conference in Resource and Environmental Economics (at

- Columbia/Discussant); NBER Education Meetings (Stanford); Harvard Business School Strategy Conference (Discussant); Harvard Kennedy School Faculty Seminar; 16<sup>th</sup> BREAD Conference on Development Economics (London School of Economics); Harvard-MIT Development Seminar; Namur (Belgium); Bocconi University School of Management (Italy); World Bank Research Group
- 2008 University of Maryland; World Bank/IZA Conference on Employment and Development (Morocco); Institute for International Economic Studies, Stockholm; Kennedy School of Government, Harvard University
- 2007 International Finance Corporation Conference on Results Management for Technical Assistance (Delhi, India); Conference on Corruption (Madrid); 11<sup>th</sup> BREAD Conference on Development Economics (London School of Economics); Labor Markets in Transition and Developing Economies: Emerging Policy and Analytical Issues (U. Michigan); Bureau of Economic Analysis; IFC Conference on Results Measurement for Technical Assistance, Washington D.C.
- 2006 Rutgers University, Department of Economics; World Bank Session on Randomized Experiments to Understand Corruption (Jakarta, Indonesia); Bocconi University School of Management (Italy); Universitat Pompeu Fabra (Spain); IFC Conference on Results Measurement for Technical Assistance (Cairo, Egypt); Conference on Migration, NYU Africa House (Discussant); University of Maryland, Public Policy; Steinhardt School of Education, NYU; Department of Economics Yale; NEUDC 2006 (Ithaca, New York); Wagner Research Colloquium, NYU; IFC Conference on Results Measurement for Technical Assistance; 8<sup>th</sup> Bread Conference on Development Economics (Cornell); World Bank PREM Conference 2006; Berkeley Economics Development Seminar; American Economic Association Meetings, "Empirics of Corruption"
- 2005 NBER Conference on the Indian Economy; NYU Department of Economics; Institutions, Development and Transition, CEPR and BREAD (Istanbul, Turkey); 4th Asian Corporate Governance Conference (Seoul, Korea); 3rd Annual University of California Trade and Environmental Economics Workshop (UCSB); University of Maryland, Agricultural Economics; Board of Governors; Brown University; Dartmouth College; University of Notre Dame; Tufts University; Claremont McKenna; University of Chicago Harris School of Public Policy; NYU Wagner School of Public Service; University of Central Florida; London School of Economics
- 2004 MIT-Harvard Environmental Seminar; Columbia University