

ESTHER DUFLO

September 2009

Department: Economics
Massachusetts Institute of Technology
50 Memorial Drive, E52-252G
Cambridge, MA 02142

Tel: (617) 258-7013
Fax: (617) 253-1330
Email: eduflo@mit.edu

Date of Birth: October 25, 1972

Citizenship: French

Education: 1999 **Ph.D. in Economics, MIT**
Thesis Title: *Three Essays in Empirical Development Economics*

1995 **Masters in Economics (DEA), DELTA (Paris)**
(joint Ecole Normale Supérieure, Ecole Polytechnique, ENSAE)

1994 **Ecole Normale Supérieure (Paris)**
Maitrise in History
Maitrise in Economics

Honors and Awards:

2009 Fellow, Macarthur Foundation

2009 First recipient, Calvo Armengol International Prize, Barcelona Graduate School of Economics

2009 Fellow, American Academy of Arts and Sciences

2009 BBVA Foundation Frontiers of Knowledge Award for Development Cooperation

2008 Prix Luc Durand-Reville, by the Accademie des Sciences Morale et Politiques, France

2008 Inaugural holder of the chair “Knowledge Against Poverty”, College de France,

Paris

2007 - 2009 Best Advisor, Graduate Economics Association, MIT

2006 - 2009 National Institute of Health Research Grant (R01-HD39922-04A2)

2005 Bronze Medal, Centre National de la Recherche Scientifique

2005 Best Young French Economist Prize
(Le Monde, Cercle des économistes)

2003 Nominated for the Best Young French Economist Prize
(Le Monde, Cercle des économistes)

2003 Elaine Bennett Prize for Research

2002 Alfred P. Sloan Research Fellowship

2001 – 2009 National Institute on Child Health and Development Research Grant
(R01 HD0399)

2001 - 2004 National Institute of Health Research Grant (R01-HD39922-01)

2001 - 2002 John M. Olin Faculty Fellowship, National Association of Scholars

2001 - 2006 Member, John D. and Catherine MacArthur Network on the Costs of Inequality

2000 - 2001 National Science Foundation research grant (SES-0078535)

1999 Review of Economic Studies Tour

1998 Alfred P. Sloan Doctoral Dissertation Fellowship

1997 Doctoral Dissertation Fellowship: Fondation Thiers pour la recherche en sciences sociales (Academie francaise)

Professional Positions:

2005-present Abdul Latif Jameel Professor of Poverty Alleviation and Development Economics, MIT; Director, Abdul Latif Jameel Poverty Action Lab

Jan 07-June 07 On Leave at the Paris School of Economics

2004-2005 Professor of Economics, MIT; Director, Poverty Action Lab (MIT)

2002-2004 Castle Krob Career Development Associate Professor of Economics, MIT

2001-2002 Castle Krob Career Development Assistant Professor of Economics, MIT, on leave at Princeton University

1999-2001 Assistant Professor of Economics, MIT

Editorial Responsibilities:

2007-present Board of Editors, *Annual Review of Economics*

2007-present Founding Editor, *The American Economic Journal: Applied Economics*

2007 Member of Program Committee, American Economic Association Meetings

2007 Member of Program Committee, European Economic Association Meetings

2005– 2007 Co-editor, *Review of Economics and Statistics*

2004– 2006 Co-editor, *Journal of Development Economics*

2004–2007 Associate Editor, *Journal of Economic Perspectives*

2002–2006 Associate Editor, *Review of Economics and Statistics*

2002–2006 Associate Editor, *Journal of the European Economic Association*

2004 Member of Program Committee, Econometric Society 9th World Congress

2004 Member of Program Committee, Econometric Society Annual Meeting

2003 Member of Program Committee, European Economic Association Annual Meeting

Other Professional Activities:

Director, Development Program at the Center for Economic Policy Research (CEPR)
Research Associate at the National Bureau of Economic Research (NBER)
Board Member, Bureau for Research and Economic Analysis of Development (BREAD)

Publications and Forthcoming Articles:

BOOKS

2009. Expérience, science et lutte contre la pauvreté, Paris: Fayard.

JOURNALS

“Pitfalls of Participatory Programs: Evidence from a randomized evaluation in education in India” (with Abhijit Banerjee, Rukmini Banerji, Rachel Glennerster, Stuti Khemani), Forthcoming, *American Economic Journal: Economic Policy*, (also see CEPR working paper No. DP6781).

“The Experimental Approach to Development Economics,” (with Abhijit Banerjee), Forthcoming *Annual Review of Economics*, (also see CEPR working paper No. DP7037, NBER working paper No. 14467).

“Powerful Women: Does Exposure Reduce Bias?” (with Lori Beaman, Raghavendra Chattopadhyay, Rohini Pande and Petia Topalova), forthcoming in *Quarterly Journal of Economics*, (also see CEPR Working Paper No. 6922, NBER Working paper No. 14198).

“Long Run Impacts of Income Shocks: Wine and Phylloxera in 19th Century France,” (with Abhijit Banerjee, Gilles Postel-Vinay, and Tim Watts), forthcoming in *Review of Economics and Statistics* 2008.

“What is Middle Class about the Middle Classes around the World?” (with Abhijit Banerjee), *Journal of Economic Perspectives* 22(2), pp. 3-28, 2008. (See also CEPR Working Paper No. 6613, BREAD Working Paper No. 163).

“How High are Rates of Return to Fertilizer? Evidence from Field Experiments in Kenya” (with Michael Kremer and Jonathan Robinson). *American Economics Review*, Vol. 98 (2): 482-88, May 2008.

“Indoor Air Pollution, Health and Economic Well-being” (with Michael Greenstone and Rema Hanna), *Surveys and Perspectives Integrating Environment and Society*, Issue 1: 1-9, February 2008.

“Cooking Stoves, Indoor Air Pollution and Respiratory Health in Rural Orissa, India” (with Rema Hanna and Michael Greenstone), *Economic and Political Weekly*, Vol. 43, No. 32 August 2008.

“Putting Band Aid on a Corpse: Incentives for Nurses in the Indian Public Health Care System” (with Abhijit Banerjee and Rachel Glennerster). *Journal of the European Economic Association*, Vol. 6(2-3), pp. 487-500, 2007.

“The Economic Lives of the Poor” (with Abhijit Banerjee), *Journal of Economic Perspectives*, 21(1): 141-167, Winter 2007.

“Can Informational Campaigns Raise Awareness and Local Participation in Primary Education” (with Abhijit Banerjee, Rukmini Banerji, Rachael Glennerster, Daniel Keniston, Stuti Khemani, and Mark Shotland), *Economic and Political Weekly*, 42(15): 1365-1372, April 14, 2007.

“Dams” (with Rohini Pande), *Quarterly Journal of Economics*, 122(2):601-646, 2007 (see also NBER Working Paper No. 11711, 2005; BREAD Working Paper No. 100, 2005).

“Remedying Education: Evidence from Two Randomized Experiments in India,” (with Abhijit Banerjee, Shawn Cole, and Leigh Linden), *Quarterly Journal of Economics*, 122(3):1235-1264, August 2007 (see also NBER Working Paper No. 11904, 2005; BREAD Working Paper No. 109).

“Saving Incentives for Low- and Middle-Income Families: Evidence from a Field Experiment with H&R Block,” (2007 Certificate of Excellence, TIAA-CREF Institute),(with William Gale, Jeffrey Liebman, Peter Orszag, and Emmanuel Saez), *Quarterly Journal of Economics*, 121(4):1311-1346, November 2006 (see also NBER Working Paper No. 11680, 2005).

“Addressing Absence,” (with Abhijit Banerjee), *Journal of Economic Perspectives* 20(1): 117-132, 2006 (also see BREAD Policy Paper No. 008, 2005).

“Why Political Reservations” *Journal of the European Economic Association* 3(2-3): 668-678, April-May 2005.

“What Do Banks (Not) Do?” (with Abhijit Banerjee), *Economic and Political Weekly* 39(38): 4212-4213, 2004.

“Women as Policy Makers: Evidence from a Randomized Policy Experiment in India,” (with Raghavendra Chattopadhyay), *Econometrica* 72(5): 1409-1443, 2004 (also see NBER Working Paper No. 8615; BREAD Working Paper No. 001, 2001).

“The Medium Run Consequences of Educational Expansion: Evidence from a Large School Construction Program in Indonesia,” *Journal of Development Economics* 74(1): 163-197, 2004 (also see BREAD Working Paper No. 002, 2001).

“How Much Should We Trust Difference in Differences Estimates?” (with Sendhil Mullainathan and Marianne Bertrand), *Quarterly Journal of Economics* 119(1): 249-275, 2004.

“Health Care Delivery in Rural Rajasthan,” (with Abhijit Banerjee and Angus Deaton), *Economic and Political Weekly* 39(9): 944-949, 2004.

“The Impact of Reservation in the Panchayati Raj: Evidence from a Nationwide Randomized

Experiment,” (with Raghavendra Chattopadhyay), *Economic and Political Weekly* 39(9): 979-986, 2004.

“Wealth, Health, and Health Services in Rural Rajasthan,” (with Abhijit Banerjee and Angus Deaton), *AER Papers and Proceedings* 94(2): 326-330, 2004.

“The Role of Information and Social Interactions in Retirement Plan Decisions: Evidence from a Randomized Experiment,” (with Emmanuel Saez), *Quarterly Journal of Economics* 118(3): 815-842, 2003.

“Inequality and Growth: What Can the Data Say?” (with Abhijit Banerjee), *Journal of Economic Growth* 8: 267-299, 2003.

“Grandmothers and Granddaughters: Old Age Pension and Intra-household Allocation in South Africa,” *World Bank Economic Review* 17(1): 1-25, 2003.

“The (Mis)allocation of Capital,” (with Abhijit Banerjee and Kaivan Munshi), *Journal of the European Economic Association* 1(2-3): 484-494, 2003 (also see BREAD Working Paper No. 006, 2002).

“Participation and Investment Decisions in a Retirement Plan: The Influence of Colleagues’ Choices,” (with Emmanuel Saez), *Journal of Public Economics* 85(1): 121-148, 2002.

“Schooling and Labor Market Consequences of School Construction in Indonesia: Evidence from an Unusual Policy Experiment,” *American Economic Review* 91(4): 795-813, 2001.

“Reputation Effects and the Limits of Contracting: A Study of the Indian Software Industry,” (with Abhijit Banerjee), *Quarterly Journal of Economics* 115(3): 989-1017, 2000.

“Child Health and Household Resources: Evidence from the South African Old-Age Pension Program,” *American Economic Review: Papers and Proceedings* 90(2): 393-398, 2000.

“Early Reaction of Russian Firms to the Shocks of Liberalization,” (with Claudia Senik-Leygonie), *The Economics of Transition*, March 1997.

CHAPTERS IN BOOKS

“Aging and Death Under a Dollar a Day” in D.A. Wise (ed.) Research Findings in the Economics of Aging (with Abhijit Banerjee), Chicago: University of Chicago Press, forthcoming (also see NBER Working Paper Series 13683).

“Mandated Empowerment. Handing Antipoverty Policy Back to the Poor?” in Reducing the Impact of Poverty on Health and Human Development” (with Abhijit Banerjee), 2008, *Annals of New York Academic Sciences* Vol.1136, pp.333-341.

“Using Randomization in Development Economics Research: A Toolkit” (with Rachel Glennerster, and Michael Kremer) in T. Paul Schultz, and John Strauss (eds.) Handbook of Development Economics, Elsevier Science Ltd.: North Holland, 2007 Vol. 4, pp. 3895-62. (see also NBER Technical Working Paper No. 333, December 2006).

“Field Experiments in Development Economics,” in Richard Blundell, Whitney Newey, Torsten Persson, (eds.), Advances in Economics and Econometrics: Theory and Applications, Ninth World Congress, Cambridge University Press: 2006, Vol. 2(42): 322-348 (see also BREAD Policy Paper No. 002, 2005).

“Poor but Rational?” in Abhijit Banerjee, Dilip Mookherjee and Roland Benabou (eds.) Understanding Poverty, New York: Oxford University Press, March 2006, 367-78.

“Use of Randomization in the Evaluation of Development Effectiveness.”(with Michael Kremer) in George Pitman, Osvaldo Feinstein and Gregory Ingram (eds.) Evaluating Development Effectiveness. New Brunswick, NJ: Transaction Publishers 2005, pp. 205-232.

“Egalité des sexes et développement” in Christine Otrrent, (ed.)“le livre noir de la condition des Femmes”, Paris: XO editions, 2006.

“Growth Theory through the Lens of Development Economics,” (with Abhijit Banerjee), in Steve Durlauf and Philippe Aghion, (eds.),Handbook of Economic Growth, Elsevier Science Ltd.-North Holland: 2005, Vol. 1A, pp. 473-552.

“Bank Financing in India,” (with Abhijit Banerjee and Shawn Cole) in Wanda Tseng and David Cowen, (eds.), India’s and China’s Recent Experience with Reform and Growth, Palgrave Macmillan: Hampshire, UK, 2005; New York, 2006, pp. 138-157.

“Banking Reform in India,” (with Shawn Cole and Esther Duflo) in Suman Bery, Barry Bosworth and Arvind Panagariya, (eds.), India Policy Forum, 1, Brookings Institution Press and The National Council of Applied Economic Research: Washington, DC and New Delhi, 2005, pp. 277-332 (see also BREAD Policy Paper No. 006, 2004).

“The Role of Employers’ Plan Features, Information, and Social Interactions on Retirement Savings: Evidence from the Literature and Proposed Experiments,” (with Emmanuel Saez), in Olivia Mitchell and Stephen Utkus, (eds.), Pension Design and Structure: New Lessons from Behavioral Finance, University of Pennsylvania Press: Philadelphia, 2004.

“Scaling Up and Evaluation,”in Francois Bourguignon and Boris Pleskovic, (eds.), Accelerating Development, World Bank and Oxford University Press: Washington, DC and Oxford, 2004, pp. 342-367.

Published Reviews and Comments:

(*Comment*) on Hanson, Gordon, “Globalization, Labor Income, and Poverty in Mexico”, pp 417-452, in *Globalization and Poverty*, Ann Harrison, Editor, University of Chicago Press, 2007.

(*Comment*) Jensen, Robert, “Caste, Culture and the Status of the Well-Being of Widows in India,”*Analyses in the Economics of Aging*, 10:357-373, Edt. David Wise, University of Chicago

Press: June 2005.

(Review) Fields, Gary, "Distribution and Development: A New Look at the Developing World," *Journal of Economic Literature* 41(3): 937-938, 2003.

(Review) Glewwe, Paul, "The Economics of School Quality Investments in Developing Countries: An Empirical Study of Ghana," *Journal of Economic Literature* 39(3): 927-929, 2001.

Working Papers:

"Additional Resources versus Organizational Changes in Education: Experimental Evidence from Kenya" (with Pascaline Dupas and Michael Kremer), May 2009.

"The Miracle of Microfinance? Evidence from a Randomized Evaluation" (with Abhijit Banerjee, Rachel Glennerster, and Cynthia Kinnan), May 2009.

"Marry for What?" Caste and Mate Selection in Modern India" (with Abhijit Banerjee, Maitreesh Ghatak, and Jeanne LaFortune). (see NBER Working Paper No.14958, May 2009; BREAD Working Paper No. 227, May 2009; CEPR Discussion Paper No. 7300).

"Nudging Farmers to Use Fertilizer: Evidence from Kenya" (with Michael Kremer and Jonathan Robinson). NBER Working Paper No. 15131, 2009.

"Peer Effects and the Impacts of Tracking: Evidence from a Randomized Evaluation in Kenya" (with Pascaline Dupas and Michael Kremer), Revision Invited, *American Economic Review*, (also see CEPR Working Paper No. 7043 and NBER Working Paper No. 14475).

"Do Firms Want to Borrow More: Testing Credit Constraints Using a Targeted Lending Program," (with Abhijit Banerjee), Revision Invited, *Review of Economic Studies*, (also see BREAD Working Paper No. 005, 2004).

"Education and HIV/AIDS Prevention: Evidence from a Randomized Evaluation in Western Kenya" (with Pascaline Dupas, Michael Kremer, Samuel Sinei), October 2006, World Bank Policy Research Working Paper No. 4024.

"Improving Immunization Coverage in Rural India: A Clustered Randomized Controlled Evaluation of Immunization Campaigns with and without Incentives" with Abhijit Banerjee, Rachel Glennerster, and Dhruva Kothari.

"Peer Effects, Pupil-Teacher Ratios, and Teacher Incentives: Evidence from a Randomized Evaluation in Kenya," (with Pascaline Dupas and Michael Kremer), MIT Mimeo September 2007.

"Why are Farmers Not Using Fertilizer: Fertilizer in Western Kenya, Preliminary Results from Field Experiments," (with Michael Kremer and Jonathan Robinson), MIT Mimeo 2007.

"Efficiency and Rent Seeking in Local Government," (with Greg Fischer), MIT Mimeo 2007.

“Gender Equality in Development,” BREAD Policy Paper No. 001, 2005.

“Monitoring Works: Getting Teachers to Come to School,” (with Rema Hanna and Stephen Ryan). Revision Invited, American Economic Review (see NBER Working Paper No. 11880, 2005; BREAD Working Paper No. 103, November 2007).

“The Impact of Education on Fertility and Child Mortality: Do Fathers Really Matter Less Than Mothers?” (with Lucia Breierova), NBER Working Paper No. 10513, 2004.

“Intrahousehold Resource Allocation in Cote d’Ivoire: Social Norms, Separate Accounts, and Consumption Choices,” (with Christopher Udry), NBER Working Paper No. 10498, May 2004; BREAD Working Paper No. 016, 2003