

# Edward Miguel

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## **EMPLOYMENT**

### University of California, Berkeley

Professor, Department of Economics, 2009-present  
Associate Professor (with tenure), Department of Economics, 2005-2009  
Assistant Professor, Department of Economics, 2000-2005

Faculty Director, Center of Evaluation for Global Action (CEGA), 2006-present  
Affiliated Faculty, Department of Agricultural and Resource Economics, 2006-present  
Member, University of California Giannini Foundation of Agricultural Economics, 2008-present  
Faculty Executive Committee, U.C. Berkeley/UCSF Site, Robert Wood Johnson Foundation Scholars in Health Policy Research Program, 2009-present

### Stanford University

Visiting Professor, Department of Economics, and Visiting Research Scholar, Stanford Center for International Development / International Policy Studies, 2007-08

### Princeton University

Visiting Fellow, Center for Health & Wellbeing / Research Program in Development Studies, 2002-03

## **EDUCATION**

### Harvard University

Ph.D. in Economics 2000, A.M. in Economics 1998, NSF Graduate Fellowship 1996-99

### Massachusetts Institute of Technology

S.B. Economics, S.B. Mathematics 1996 (Phi Beta Kappa), Harry S Truman Scholar (1995, NJ)

## **HONORS, GRANTS, AND FELLOWSHIPS**

Alfred P. Sloan Research Fellow, 2005-07  
Bill and Melinda Gates Foundation, 2006-2010 (Co-PI)  
Google Foundation, 2006-2009 (Co-PI)  
Harry Frank Guggenheim Foundation Fellow, 2005-06  
International Growth Centre, 2009-2012 (PI)  
International Initiative for Impact Evaluation (3ie), 2009-2012 (PI)  
Kenneth J. Arrow Award 2005, International Health Economics Association (for "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities", *Econometrica*)  
Kiel Institute Excellence Award in Global Economic Affairs, 2010  
Lowenstein Foundation, 2008-2009 (PI)  
National Institutes of Health:  
-- R01, 2011-16 (PI)  
-- R03, 2010-12 (PI)  
-- R01, 2005-11 (PI)

-- R01, Fogarty International Center (ISHED), 2001-04 (PI)

National Science Foundation:

-- Research Grant 2010-13 (PI)

-- Conference Grant 2011-13 (PI)

-- Research Grant 2004-07 (PI)

-- Small Grant for Exploratory Research, 2002-04 (PI)

Social Science Research Council, Program in Applied Economics, 2004 (PI)

University of California, Berkeley:

-- Best Graduate Adviser Award, Department of Economics, 2004-05

-- Distinguished Teaching Award, Social Sciences Division, 2003-04

-- Hellman Faculty Award, 2002

-- Center for the Economic Demography of Aging (CEDA), Small Grants 2001, 2003

-- Center for Health Research (CHR) Small Grants, 2001, 2002, 2004

-- Committee on Research (COR) Grants, 2001, 2002, 2004, 2006, 2007

-- Berkeley Population Center Pilot Award, 2008

-- Giannini Foundation Mini-grant, 2009

-- Center for Equitable Growth, 2010, 2011

## RESEARCH

### Published / Forthcoming Articles:

"Epidemiology of Single and Multiple Species of Helminth Infections among School Children in Busia District, Kenya," S. Brooker, E. Miguel, et al., *East African Medical Journal*, 2000, 77(3), 157-161

"The potential of rapid screening methods for intestinal schistosomiasis in Western Kenya," S. Brooker, E. Miguel, et al., *Annals of Tropical Medicine and Parasitology*, 2001, 95(4), 343-351

"Anaemia in schoolchildren in eight countries in Africa and Asia". A. Hall, E. Miguel, et al., *Public Health Nutrition*, 2001, 4, 749-56.

"Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities" (co-author Michael Kremer), *Econometrica*, 2004, 72(1), 159-217

"Economic Shocks and Civil Conflict: An Instrumental Variables Approach" (co-authors Shanker Satyanath, Ernest Sergenti), *Journal of Political Economy*, 2004, 112(4), 725-753 [lead article]

"Tribe or Nation? Nation-Building and Public Goods in Kenya versus Tanzania", *World Politics*, 2004, 56 (3), 327-362 [lead article]

"Poverty and Witch Killing", *Review of Economic Studies*, 2005, 72(4), 1153-1172

"Does Social Capital Promote Industrialization? Evidence from a Rapid Industrializer" (co-authors Paul Gertler, David Levine), *Review of Economics and Statistics*, 2005, 87(4), 754-762

"Ethnic Divisions, Social Sanctions, and Public Goods in Kenya" (co-author Mary Kay Gugerty), *Journal of Public Economics*, 2005, 89(11-12), 2325-2368

“Who are Russia’s Entrepreneurs?” (co-authors Simeon Djankov, Yingyi Qian, Gérard Roland, Ekaterina Zhuravskaya), *Journal of the European Economic Association*, 2005, 3(2-3), 587-597

“Does Industrialization Build or Destroy Social Networks?” (co-authors Paul Gertler, David Levine), *Economic Development and Cultural Change*, 2006, 54(2), 287-318

“Poverty and Crime in 19<sup>th</sup> Century Germany” (co-authors Ragnar Torvik, Halvor Mehlum), *Journal of Urban Economics*, 2006, 59(3), 370-388

“War and Institutions: New Evidence from Sierra Leone” (co-author John Bellows), *American Economic Review (AEA Papers and Proceedings)*, 2006, 96(2), 394-399

“Iron Deficiency Anemia and School Participation” (co-authors Gustavo Bobonis, Charu Sharma), *Journal of Human Resources*, 2006, 41(4), 692-721

“The Illusion of Sustainability” (co-author Michael Kremer), *Quarterly Journal of Economics*, 2007, 122(3), 1007-1065. [re-printed in *Reinventing Foreign Aid*, (ed.) William Easterly, MIT Press]

“Orphans and Schooling in Africa: A Longitudinal Analysis” (co-author David K. Evans), *Demography*, 2007, 44(1), 35-57.

“Iraq War Casualties and the 2004 U.S. Presidential Election” (co-author David Karol), *Journal of Politics*, 2007, 69(3).633-648.

“Corruption, Norms and Legal Enforcement: Evidence from Diplomatic Parking Tickets” (co-author Ray Fisman), *Journal of Political Economy*, 2007, 115(6), 1020-1048.

“Is it Africa’s Turn?”, *Boston Review*, 33(3), May/June 2008.

“Deworming and Development: Asking the Right Questions, Asking the Questions Right” (co-authors, Donald Bundy, Michael Kremer, Hoyt Bleakley, Matthew Jukes), *PLoS Neglected Tropical Diseases*, 2009, 3(1), e362.

“Incentives to Learn”, (co-authors Michael Kremer, Rebecca Thornton), *Review of Economics and Statistics*, 2009, 91(3), 437-456.

“War and Local Collective Action in Sierra Leone” (co-author John Bellows), *Journal of Public Economics*, 2009, 93(11-12), 1144-1157.

“Warming increases risk of civil war in Africa” (co-authors Marshall Burke, Shanker Satyanath, John Dykema, David Lobell), *Proceedings of the National Academy of Sciences*, December 8 2009, 106(49), 20670-20674.

“Civil War”, (co-author Chris Blattman), *Journal of Economic Literature*, 2010, 48(1), 3-57.

“Political Competition and Ethnic Identification in Africa” (co-authors Benn Eifert, Daniel Posner), *American Journal of Political Science*, 2010, 54(1), 494-510.

“Being surveyed can change later behavior and related parameter estimates” (co-authors Alix Zwane, Jonathan Zinman, Eric Van Dusen, William Pariente, Clair Null, Michael Kremer, Dean Karlan, Richard Hornbeck, Xavier Giné, Esther Duflo, Florencia Devoto, Bruno Crepon, Abhijit Banerjee), *Proceedings of the National Academy of Sciences*, January 18, 2011.

“Civil War Exposure and Violence” (co-authors Sebastian Saiegh and Shanker Satyanath), *Economics and Politics*, 2011, 23(1), 59-73.

“The Price of Political Opposition: Evidence from Venezuela’s *Maisanta*” (co-authors Chang-Tai Hsieh, Daniel Ortega, Francisco Rodriguez), *American Economic Journal: Applied Economics*, 2011, 3(2), 196-214.

“Spring Cleaning: Rural Water Impacts, Valuation, and Property Rights Institutions” (co-authors Michael Kremer, Jessica Leino, Alix Zwane), *Quarterly Journal of Economics*, 2011, 126(1), 145-205.

“The Long-run Impact of Bombing Vietnam” (co-author Gerard Roland), *Journal of Development Economics*, 2011, 96(1), 1-15. [lead article]

“Re-examining Economic Shocks and Civil Conflict” (co-author Shanker Satyanath), *American Economic Journal: Applied Economics*, 2011, 3(4), 228-232.

“Government Transfers and Political Support” (co-authors Marco Manacorda, Andrea Vigorito), *American Economic Journal: Applied Economics*, 2011, 3(3), 1-28. [lead article]

#### Books:

*Economic Gangsters: Corruption, Violence, and the Poverty of Nations* (co-author Ray Fisman), Princeton University Press (October 2008).

*Africa’s Turn?* MIT Press (April 2009).

#### Chapters, Comments, and Reviews:

“Comment on: ‘Social Capital and Growth’ (by B.R. Routledge and J. von Amsberg)”, *Journal of Monetary Economics*, 2003, 50, 195-198.

“Health, Education, and Economic Development”, in *Health and Economic Growth: Findings and Policy Implications*, (eds.) G. López-Casasnovas, B. Rivera and L. Currais, 2005, MIT Press.

“Ethnic Diversity and Poverty Reduction (Chapter 12)”, in *Understanding Poverty*, (eds.) Abhijit Banerjee, Roland Benabou, and Dilip Mookherjee, 2006, Oxford University Press.

“Book Review: ‘Market Institutions in Sub-Saharan Africa: Theory and Evidence’ by Marcel Fafchamps”, *Economic Development and Cultural Change*, 2006, 54(4), 985-987.

"Poverty and Violence: An Overview of Recent Research and Implications for Foreign Aid", in *Too Poor for Peace? Global Poverty, Conflict and Security in the 21<sup>st</sup> Century*, (eds.) Lael Brainard and Derek Chollet, Brookings Institution Press, 2007.

"The Impact of Child Health and Nutrition on Education in Less Developed Countries" (co-author Paul Glewwe), *Handbook of Development Economics Volume 4*, (eds.) T. Paul Schultz and John Strauss, Elsevier, 2008.

"Democracy in Dangerous Places: Comment on Collier", *Boston Review*, 34(4), July/August 2009.

"Africa Unleashed: Explaining the Secret of a Belated Book", *Foreign Affairs*, November/December 2011.

#### Unpublished working papers:

"Reshaping Institutions: Evidence on Aid Impacts Using a Pre-Analysis Plan" (co-authors Katherine Casey, Rachel Glennerster), revise and resubmit *Quarterly Journal of Economics*

"Do Cash Transfers Improve Birth Outcomes? Evidence from Matched Vital Statistics, Social Security and Program Data" (co-authors Veronica Amarante, Marco Manacorda, Andrea Vigorito)

"Education as Liberation?" (co-authors Willa Friedman, Michael Kremer, Rebecca Thornton)

"Incorporating climate uncertainty into estimates of climate change impacts, with applications to U.S. and African agriculture" (co-authors Marshall Burke, John Dykema, David Lobell, Shanker Satyanath)

"Worms at Work: Long-Run Impacts of Child Health Gains" (co-authors Sarah Baird, Joan Hamory Hicks, Michael Kremer)

"You've Earned It: Combining Field and Lab Experiments to Estimate the Impact of Human Capital on Social Preferences" (co-authors Pamela Jakiela, Vera te Velde)

"Collective Action in Diverse Sierra Leone Communities" (co-authors Rachel Glennerster, Alexander Rothenberg)

"Individual Ability and Selection into Migration in Kenya" (co-author Joan Hamory Hicks)

## **TEACHING AND ADVISING**

### Courses:

Undergraduate: Issues in African Economic Development

Graduate: Development Economics; Political Economics

### Ph.D. Dissertation Committees [initial placement]:

2011: Kehinde Ajayi, Ph.D. Economics [Boston University]

Katherine Whiteside Casey, Ph.D. Economics Brown University [Stanford GSB]

Garret Christensen, Ph.D. Economics (Chair) [Innovations for Poverty Action Kenya]

Benjamin Crost, Ph.D. Agricultural and Resource Economics [University of Colorado, Denver]

Erick Gong, Ph.D. Agricultural and Resource Economics [Middlebury College]

Nicholas Li, Ph.D. Economics [University of Toronto]

Sarath Sanga, Ph.D. Economics (Chair) [Yale Law School J.D.]

Abdoulaye Sy, Ph.D. Economics [World Bank Young Professionals Program]

Eva Vivalt, Ph.D. Economics (Chair) [World Bank Young Professionals Program]

Jane Yiqin Zhang, Ph.D. Economics (Co-chair) [Hong Kong University of Science and Technology]

2010: Daniel Egel, Ph.D. Economics [RAND]

Benjamin Eifert, Ph.D. Economics (Chair) [Overland Advisors]  
Negar Ghobadi, Ph.D. Agricultural and Resource Economics  
John McCauley, Ph.D. Political Science UCLA [University of Maryland]  
Owen Ozier, Ph.D. Economics (Chair) [World Bank Development Economics Research Group]  
Alvaro Ramos, Ph.D. Economics (Chair) [INCAE Business School, Costa Rica]  
2009: Eva Arceo, Ph.D. Economics [Colegio de Mexico Post-doc]  
John Bellows, Ph.D. Economics (Chair) [U.S. Treasury Department]  
Mame-Fatou Diagne, Ph.D. Economics (Chair) [World Bank Young Professionals Program]  
Adriana Espinosa, Ph.D. Economics [Syncsort, Inc.]  
Joan Hamory Hicks, Ph.D. Economics (Chair) [U.C. Berkeley Post-doc]  
Daniel Hicks, Ph.D. Economics [University of Oklahoma]  
Clair Null, Ph.D. Agricultural and Resource Economics [Emory University]  
Paulina Oliva, Ph.D. Economics [University of California, Santa Barbara]  
Brian Scholl, Ph.D. Economics [USAID]  
2008: Jenny Aker, Ph.D. Agricultural and Resource Economics [Tufts University]  
Eric Chaney, Ph.D. Economics [Harvard University]  
Emily Conover, Ph.D. Economics [Hamilton College]  
Pamela Jakiela, Ph.D. Economics (Co-Chair) [Washington University]  
Melissa Knox, Ph.D. Economics (Chair) [University of Washington Post-doc]  
Anne LeBrun, Ph.D. Economics [Wellesley College]  
Jessica Leino, Ph.D. Economics (Chair) [World Bank Young Professionals Program]  
Suresh Naidu, Ph.D. Economics [Harvard Post-doc]  
Sharad Tandon, Ph.D. Economics [U.S. Department of Agriculture]  
2007: Emma Aisbett, Ph.D. Agricultural and Resource Economics [Australian National University]  
Raj Arunachalam, Ph.D. Economics (Co-Chair) [University of Michigan]  
Sarah Baird, Ph.D. Agricultural and Resource Economics [UCSD Post-doc]  
Christopher Blattman, Ph.D. Economics (Chair) [Yale University]  
Vikram Pathania, Ph.D. Economics (Co-Chair) [World Bank]  
Harold Toro Tulla, Ph.D. Sociology [Harvard Post-doc]  
Ethan Yeh, Ph.D. Economics [McKinsey and Company]  
2006: Tina Green, Ph.D. Economics (Chair) [Cornerstone Research]  
Manisha Shah, Ph.D. Agricultural and Resource Economics [University of Melbourne]  
Ruth Uwaifo, Ph.D. Agricultural and Resource Economics [Georgia Tech]  
2005: Gustavo Bobonis, Ph.D. Economics (Chair) [University of Toronto]  
Sebastian Martinez, Ph.D. Economics (Co-Chair) [World Bank Young Professionals Program]  
2004: Jose Signoret, Ph.D. Economics (Co-Chair) [U.S. International Trade Commission]  
Charles Udomsaph, Ph.D. Economics [World Bank]  
Piedad Urdinola, Ph.D. Demography [Fedesarrollo, Colombia]  
2003: Karen Macours, Ph.D. Agricultural and Resource Economics [Johns Hopkins University]  
Caridad Araujo, Ph.D. Agricultural and Resource Economics [World Bank]

## **PROFESSIONAL AFFILIATIONS AND ACTIVITIES**

*Quarterly Journal of Economics*, Associate Editor (2008-present)

*American Economic Journal: Applied Economics*, Member Board of Editors (2007-present)  
*Journal of Development Economics*, Associate Editor (2004-present)  
*Review of Economics and Statistics*, Associate Editor (2007-present)  
*Journal of Causal Inference*, Member Board of Editors (2011-present)  
*Journal of Human Resources*, Co-Editor (2005-2008)

National Bureau of Economic Research (NBER), Faculty Research Fellow (2002-2009), Research Associate (2009-present)  
Working Group in African Political Economy, Co-Organizer (2002-present)  
BREAD, Junior Fellow (2002-05), Senior Fellow (2005-present), Program Committee (2006, 2010)  
MIT Jameel Poverty Action Lab, Research Affiliate (2003-present)  
Centre for Economic Policy Research, Research Fellow (2006-present)  
International Growth Centre, Research Network Member (2009-present)  
*American Economic Review*, Excellence in Refereeing Award 2009  
American Economic Association, Program Committee for 2011 Annual Meeting

Referee for: *American Economic Review*, *American Journal of Political Science*, *American Political Science Review*, *Econometrica*, *Economic Development and Cultural Change*, *Economic Journal*, *European Economic Review*, *Explorations in Economic History*, *International Economic Review*, *Journal of African Economies*, *Journal of Development Economics*, *Journal of Economic Literature*, *Journal of the European Economic Association*, *Journal of Health Economics*, *Journal of Health Politics Policy and Law*, *Journal of Health Population and Nutrition*, *Journal of Peace Research*, *Journal of Political Economy*, *Journal of Public Economics*, *U.S. National Institutes of Health*, *U.S. National Science Foundation*, *Quarterly Journal of Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *World Bank Economic Review*, *World Politics*.

#### **INVITED SEMINARS, LECTURES, AND CONFERENCE PRESENTATIONS (SINCE 2007)**

2011: Working Group in African Political Economy (meeting at Stanford), U.C. Riverside, UCSD, Princeton, IMF, UCLA (Anderson School), BREAD/CEPR (Paris), U.C. Berkeley Sociology Colloquium, NBER Summer Institute (Labor Studies), Maseno University (Kisumu, Kenya), Governance, Development and Political Violence Workshop (UCSD), Econometric Society Semi-Plenary Speaker in Session on Development Economics (St. Louis), Stanford University, RAND, Hamilton College, Gates/CEGA Water-Sanitation-Hygiene Convening (at Berkeley), U.C. Berkeley (Development Seminar, Demography Seminar), Yale, UCSF Pediatrics Ground Rounds, Pacific Development Conference (at UC Berkeley), ASSA Conference (Denver)

2010: Working Group in African Political Economy (meeting at U.C. Berkeley), Harvard/MIT Development Seminar, USC, Kiel University (Germany), University of Washington (African Studies Seminar, Demography Seminar), Pacific Development Conference (at USC), U.C. Berkeley (Environmental and Resource Economics Seminar, ARE Department Seminar), CEGA Evidence to Action Symposium

2009: Political Institutions and Economic Policy Conference (Harvard), Columbia University, Washington University (St. Louis), ITAM, Colegio de Mexico, International Growth Centre Growth Week Conference, World Affairs Council of Sonoma County; Governance, Development and Political Violence Workshop (UCSD), Initiative for Policy Dialogue Conference (Columbia University), Econometric Society Semi-Plenary Speaker in Session on Development Economics (Boston), Stanford Center for International Development Latin America Conference, Center for Global Development, University of Michigan, World Affairs Council of Northern California, U.C. Berkeley (Positive political theory seminar), Pacific Development Conference (at SFSU), U.C. Davis, NBER Africa Group, RAND, ASSA Conference (San Francisco)

2008: Harvard Water Conference, University of California Washington D.C. Center, University of Chicago, USC, Google, Goethe Institute of Los Angeles, Microsoft, Seattle Town Hall, Seattle World Trade Club, World Affairs Council of Northern California, MIT/Harvard Development Seminar, Working Group in African Political Economy (meetings at UCLA, Berkeley), Pacific Development Conference (at UCSD), Toulouse, Paris School of Economics, Pompeu Fabra, UCL/LSE, LSE PAC Conflict Conference, NBER Africa Group, UCSF Pediatrics Grand Rounds, U.C. Berkeley (Labor Seminar, Berkeley Water Center Conference, Development Seminar, Center for African Studies, ARE), Stanford (Center for Latin American Studies, Center for African Studies, CDDRL Seminar, CISAC Seminar, Applied Micro Seminar), ASSA Conference (New Orleans)

2007: University of Tokyo (conference), USC, U.C. Berkeley Goldman School IGERT Seminar, Northwestern, LACEA (Bogotá, Colombia), University of Minnesota, Google.Org, Stanford (Economics Applied Micro Seminar, Comparative Politics, FSI Conference, GSB Political Economy Seminar, GSB Economics Seminar, SCID), Harvard Business School, University of California Washington D.C. Center, Berkeley Conference on Endogenous Institutions and Political Conflict, University of Colorado Boulder, Pacific Development Conference (at U.C. Davis), Yale, University of Hawaii, Northwestern, ASSA Conference (Chicago)

## **PERSONAL**

U.S. citizen