

# 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

### 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, 2009-2011 (PI)

International Initiative for Impact Evaluation (3ie), 2009-2011 (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*)

Lowenstein Foundation, 2008-2009 (PI)

National Institutes of Health:

-- R01, 2005-09 (PI)

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

National Science Foundation:

-- 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

## 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.

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

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

"Civil War", (co-author Chris Blattman), forthcoming *Journal of Economic Literature*.

"Source of Ethnic Identification in Africa" (co-authors Benn Eifert, Daniel Posner), forthcoming *American Journal of Political Science*.

"War and Local Collective Action in Sierra Leone" (co-author John Bellows), forthcoming *Journal of Public Economics*.

#### 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.

#### Unpublished working papers:

“Spring Cleaning: A Randomized Evaluation of Source Water Quality Improvement” (co-authors Michael Kremer, Jessica Leino, Alix Zwane), under revision *Quarterly Journal of Economics*

“The Long-run Impact of Bombing Vietnam” (co-author Gerard Roland), under revision *Journal of Development Economics*

“The Price of Political Opposition: Evidence from Venezuela’s *Maisanta*” (co-authors Chang-Tai Hsieh, Daniel Ortega, Francisco Rodriguez)

“National Cultural Norms and Soccer Violence” (co-authors Sebastian Saiegh and Shanker Satyanath)

“Government Transfers and Political Support” (co-authors Marco Manacorda, Andrea Vigorito)

“Does Education Change Political Attitudes? Evidence from a Kenyan School Experiment” (co-authors Michael Kremer, Rebecca Thornton)

“Individual Ability and Selection into Migration in Kenya” (co-author Joan Hamory)

## **TEACHING AND ADVISING**

### Courses:

Issues in African Economic Development (Undergraduate), Development Economics (Graduate)

### Ph.D. Dissertations Advised / [initial placement]:

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.]

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 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)  
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)

Referee for: *American Economic Review*, *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 Fogarty International Center*, *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 2005)**

2009: 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 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)

2006: Stanford (Deadly Connections seminar), UCSD (IR/PS Seminar), U.C. Berkeley (Departmental, Development Economics Seminars), Institute of International Economic Studies in Stockholm, USC, Brookings Blum Roundtable (Aspen), Ministry of Education in Nairobi Kenya, UCLA Applied Microeconomics Seminar, NBER Africa Meeting, Working Group in African Political Economy (Meetings at U.C. Berkeley, UCLA), Pacific Development Conference (at University of Santa Clara), NBER Economics of National Security Meeting, University of Wisconsin Madison (Agricultural and Applied Economics), ASSA Conference (Boston)

2005: UCLA Comparative Politics Seminar, University of Chicago GSB, World Bank Conference on China (Beijing), University of Houston / Rice University Applied Microeconomics Seminar, Yale Comparative Political Economy Seminar, Cornell, NYU, Economic History Association Conference (Toronto), MacArthur Inequality Network Meeting (Naivasha Kenya), Handbook of Agricultural Economics conference (Rockefeller Center, Bellagio Italy), Stanford, Center for Global Development, Pacific Development Conference (at University of San Francisco), University of British Columbia, Harvard (African and African American Studies Seminar), U.C. Berkeley (Development Economics, Demography Seminars), U.C. Riverside, ASSA Conference (Philadelphia)

### **ADDITIONAL EXPERIENCE**

Government of Sierra Leone, Institutional Reform and Capacity Building Project (ICRBP) 2005-present, Consultant for local government reform and evaluation projects.

Innovations for Poverty Action Kenya (NGO), 2006-present, Consultant for education, health, and water projects in Kenya.

ICS Africa (NGO), 1997-2006, Consultant for education and health projects in Kenya and Tanzania.

PRATHAM (NGO), 2001-2004, Consultant for education and health projects in Delhi, India.

## **PERSONAL**

U.S. citizen