

# Edward Miguel

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## current position

University of California, Berkeley, *Department of Economics*.

Oxfam Professor in Environmental and Resource Economics, since 2012

Faculty Co-Director, Center for Effective Global Action (CEGA), since 2007

Faculty Director, Berkeley Initiative for Transparency in the Social Sciences (BITSS), since 2013

## past employment

University of California, Berkeley, *Department of Economics*.

Professor, 2009-2012

Associate Professor (with tenure), 2005-2009

Assistant Professor, 2000-2005

Stanford University, *Department of Economics*.

Visiting Professor, and Visiting Research Scholar, Stanford Center for International Development/  
International Policy Studies, 2007-2008

Princeton University, *Department of Economics*.

Visiting Fellow, Center for Health & Wellbeing/Research Program in Development Studies, 2002-2003

## education

Harvard University, *Department of Economics*.

Ph.D. 2000, Dissertation title: "The Political Economy of Education and Health in Kenya"

A.M. 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)

Tenaflly High School, *Tenaflly NJ*.

Valedictorian 1992

## honors and fellowships

Alfred P. Sloan Research Fellow, 2005-07

American Academy of Arts and Sciences, Member (elected in 2020)

American Sociological Association, Outstanding Publication Award - Methodology Section, 2021

(for *Transparent and Reproducible Social Science Research*, with co-authors G. Christensen, J. Freese)

Edmund Hillary Fellow, 2020

Harry Frank Guggenheim Foundation Fellow, 2005-06

Kenneth J. Arrow Award 2005, International Health Economics Association

(for "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities",  
with co-author M. Kremer)

Kiel Institute Excellence Award in Global Economic Affairs, 2010

University of California, Berkeley.

Carol D. Soc Distinguished Graduate Student Mentoring Award, 2015

Chancellor's Award for Public Service for Research in the Public Interest, 2014

Distinguished Teaching Award (University-wide), 2012

Distinguished Teaching Award (Social Sciences division), 2003-04

Best Graduate Adviser Award, Graduate Economics Association, 2004-05

Hellman Faculty Award, 2002

## grants

Alfred P. Sloan Foundation, 2013-16 (PI)

Bill and Melinda Gates Foundation, 2006-2010 (Co-PI)

Good Ventures.

2017-21 (PI)

2017-19 (PI)

2019-21 (PI)

Google Foundation, 2006-2009 (Co-PI)

Hewlett Foundation.

2015-2018 (PI)

2016-2019 (PI)

2018-2020 (PI)

2020-2022 (PI)

Innovations for Poverty Action.

Peace and Recovery Program, 2018-2021, 2020, 2021-2023 (PI)

International Growth Centre.

2009-2012 (PI)

2020 (PI)

International Initiative for Impact Evaluation, 2009-2012 (PI)

IZA, 2020 (PI)

Jameel Poverty Action Lab.

Governance Initiative, 2012-13 (PI)

Post-Primary Education and Youth Initiatives, 2014-15 (PI)

Jameel Poverty Action Lab / Center for Effective Global Action.

Agricultural Technology Adoption Initiative,

2011-2014 (PI)

2014-2016 (PI)

Laura and John Arnold Foundation / Center for Open Science, 2013-15 (PI)

Laura and John Arnold Foundation.

2015-17 (PI)

2019-22 (PI)

Lowenstein Foundation, 2008-2009 (PI)

National Institutes of Health.

R01, 2001-04 (PI)

R01, 2005-11 (PI)

R03, 2010-12 (PI)

R01, 2011-16 (PI)

R21, 2014-16 (PI)

R13, 2016-21 (PI)

R01, 2017-22 (PI)

D43, 2018-23 (PI)

National Science Foundation.

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

Research Grant 2004-07 (PI)

Research Grant 2010-13 (PI)

Conference Grant 2011-13 (PI)

Conference Grant 2013-14 (PI)

Research Grant 2018-2021 (PI)

Conference Grant 2019-2020 (PI)

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

University of California, Berkeley.

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

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

Committee on Research grants, 2001, 2002, 2004, 2006, 2007 (PI)

Berkeley Population Center Pilot Award, 2008, 2015, 2020 (PI)

Giannini Foundation Small grant, 2009, 2013 (PI)

Center for Equitable Growth grants, 2010, 2011, 2012 (PI)

Weiss Family Program Fund for Research in Development Economics.

2015-16 (Co-PI)

2016-17 (Co-PI)

2020-21 (Co-PI)

## research

*Published / forthcoming articles.*

1. "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.
2. "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.
3. "Anaemia in schoolchildren in eight countries in Africa and Asia," A. Hall, T. Miguel, et al., *Public Health Nutrition*, 2001, 4, 749-56.
4. "Comment on: 'Social Capital and Growth' (by B.R. Routledge and J. von Amsberg)", *Journal of Monetary Economics*, 2003, 50, 195-198.

5. "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities" (co-author Michael Kremer), *Econometrica*, 2004, 72(1), 159-217.
6. "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]
7. "Tribe or Nation? Nation-Building and Public Goods in Kenya versus Tanzania", *World Politics*, 2004, 56 (3), 327-362. [lead article]
8. "Poverty and Witch Killing", *Review of Economic Studies*, 2005, 72(4), 1153-1172.
9. "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.
10. "Ethnic Divisions, Social Sanctions, and Public Goods in Kenya" (co-author Mary Kay Gugerty), *Journal of Public Economics*, 2005, 89(11-12), 2325-2368.
11. "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.
12. "Does Industrialization Build or Destroy Social Networks?" (co-authors Paul Gertler, David Levine), *Economic Development and Cultural Change*, 2006, 54(2), 287-318.
13. "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.
14. "War and Institutions: New Evidence from Sierra Leone" (co-author John Bellows), *American Economic Review (AEA Papers and Proceedings)*, 2006, 96(2), 394-399.
15. "Iron Deficiency Anemia and School Participation" (co-authors Gustavo Bobonis, Charu Sharma), *Journal of Human Resources*, 2006, 41(4), 692-721.
16. "Book Review: 'Market Institutions in Sub-Saharan Africa: Theory and Evidence' by Marcel Fafchamps", *Economic Development and Cultural Change*, 2006, 54(4), 985-987.
17. "The Illusion of Sustainability" (co-author Michael Kremer), *Quarterly Journal of Economics*, 2007, 122(3), 1007-1065. [Reprinted in *Reinventing Foreign Aid*, 2008, (ed.) William Easterly, MIT Press]
18. "Orphans and Schooling in Africa: A Longitudinal Analysis" (co-author David K. Evans), *Demography*, 2007, 44(1), 35-57.
19. "The Electoral Cost of War: Iraq War Casualties and the 2004 U.S. Presidential Election" (co-author David Karol), *Journal of Politics*, 2007, 69(3).633-648.

20. "Corruption, Norms and Legal Enforcement: Evidence from Diplomatic Parking Tickets" (co-author Ray Fisman), *Journal of Political Economy*, 2007, 115(6), 1020-1048.
21. "Ensemble-based Regional Climate Prediction: Political Impacts" (co-authors John Dykema, Shanker Satyanath, J.G. Anderson), *American Geophysical Union Fall Meeting Abstracts*, A699.
22. "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.
23. "Incentives to Learn", (co-authors Michael Kremer, Rebecca Thornton), *Review of Economics and Statistics*, 2009, 91(3), 437-456.
24. "War and Local Collective Action in Sierra Leone" (co-author John Bellows), *Journal of Public Economics*, 2009, 93(11-12), 1144-1157.
25. "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.
26. "How to get safe water: Persuasion, peers, price, promoters, or product?" (co-authors Clair Null, Michael Kremer, Sendhil Mullainathan, Alix Zwane), *American Journal of Tropical Medicine and Hygiene*, 2009, 81 (5), 305-306.
27. "Civil War", (co-author Chris Blattman), *Journal of Economic Literature*, 2010, 48(1), 3-57.
28. "Political Competition and Ethnic Identification in Africa" (co-authors Benn Eifert, Daniel Posner), *American Journal of Political Science*, 2010, 54(1), 494-510. [Reprinted in *Voting and Democratic Citizenship in Africa*, 2013, (ed.) Michael Bratton, Lynne Rienner]
29. "Reply to Sutton et al.: Relationship between temperature and conflict is robust" (co-authors Marshall Burke, Shanker Satyanath, John Dykema, David Lobell), *Proceedings of the National Academy of Sciences*, June 10 2010, 107(25), E103, doi: 10.1073/pnas.1005748107.
30. "Use of the Bristol Stool Chart to Complement Self-reported Diarrhea as an Outcome Measure for WASH Research" (co-authors Clair Null, Michael Kremer, Alix Zwane), *American Journal of Tropical Medicine and Hygiene*, 2010, 83 (5), 108.
31. "Being surveyed can change later behavior and related parameter estimates" (co-authors Alix Peterson 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.
32. "Civil War Exposure and Violence" (co-authors Sebastian Saiegh and Shanker Satyanath), *Economics and Politics*, 2011, 23(1), 59-73.

33. "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.
34. "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.
35. "The Long-run Impact of Bombing Vietnam" (co-author Gerard Roland), *Journal of Development Economics*, 2011, 96(1), 1-15. [lead article]
36. "Re-examining Economic Shocks and Civil Conflict" (co-author Shanker Satyanath), *American Economic Journal: Applied Economics*, 2011, 3(4), 228-232.
37. "Government Transfers and Political Support" (co-authors Marco Manacorda, Andrea Vigorito), *American Economic Journal: Applied Economics*, 2011, 3(3), 1-28. [lead article]
38. "Sustainability of Long-term Take-up at Point-of-collection Chlorine Dispensers Provided Free of Charge in Rural Western Kenya" (co-authors, Michael Kremer, Clair Null, Alix Zwane), *Proceedings of the Water Environment Foundation, Disinfection 2011*, pp. 249-250 (2).
39. "Effects of Exceeding Recommended Storage Time of Hypochlorite-Treated Water in Ceramic Pots" (co-authors, Clair Null, Elizabeth Walker, Michael Kremer, Daniele Lantagne), *Proceedings of the Water Environment Foundation, Disinfection 2011*, pp. 251-252 (2).
40. "Incentivizing safe sex: a randomized trial of conditional cash transfers for HIV and sexually transmitted infection prevention in rural Tanzania" (co-authors D. de Walque, W.H. Dow, R. Nathan, R. Abdul, F. Abilahi, E. Gong, Z Isdahl, J. Jamison, B. Jullu, S. Krishnan, A. Majura, J. Moncada, S. Mtenga, M.A. Mwanyangala, L. Packel, J. Schachter, K. Shirima, C.A. Medlin), *BMJ Open*, 2012, 2:e000747 doi:10.1136/bmjopen-2011-000747.
41. "Reshaping Institutions: Evidence on Aid Impacts Using a Pre-Analysis Plan" (co-authors Katherine Casey, Rachel Glennerster), *Quarterly Journal of Economics*, 2012, 127(4), 1755-1812.
42. "Collective Action in Diverse Sierra Leone Communities" (co-authors Rachel Glennerster, Alexander Rothenberg), *Economic Journal*, 2013, 123(568), 285-316.
43. "Quantifying the Influence of Climate on Human Conflict" (co-authors Solomon Hsiang, Marshall Burke), *Science*, 2013, 10.1126/science.1235367.
44. "Economic Shocks and Democratization in Africa" (co-authors Manuel Barron, Shanker Satyanath), *Political Science Research and Methods*, 2013, available on CJO2013. doi:10.1017/psrm.2013.27.
45. "Promoting transparency in social science research" (co-authors Colin Camerer, Katherine Casey, Joshua Cohen, Kevin M. Esterling, Alan Gerber, Rachel Glennerster, Donald P. Green, Macartan

Humphreys, Guido Imbens, David Laitin, Temina Madon, Leif Nelson, Brian A. Nosek, Maya Petersen, Richard Sedlmayr, Joseph P. Simmons, Uri Simonsohn, Mark Van der Laan), *Science*, 2014, 10.1126/science.1245317.

46. "Temperature and violence" (co-authors Mark A. Cane, Marshall Burke, Solomon M. Hsiang, David B. Lobell, Kyle C. Meng, Shanker Satyanath), *Nature Climate Change*, 2014, 4, 234-235, 10.1038/nclimate2171.
47. "Reconciling climate-conflict meta-analyses: reply to Buhaug et al" (co-authors Solomon M. Hsiang, Marshall Burke), *Climatic Change*, 2014, DOI 10.1007/s10584-014-1276-z.
48. "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), *Experimental Economics*, 2014, 10.1007/s10683-014-9409-9.
49. "Incorporating climate uncertainty into estimates of climate change impacts" (co-authors Marshall Burke, John Dykema, David Lobell, Shanker Satyanath), *Review of Economics and Statistics*, 2015, 97(2), 461-471, 10.1162/REST\_a\_00478.
50. "The Value of Democracy: Evidence from Road Building in Kenya" (co-authors Robin Burgess, Remi Jedwab, Ameet Morjaria, Gerard Padró i Miquel), *American Economic Review*, 2015, 105(6): 1817-1851, 10.1257/aer.20131031.
51. "War and Collective Action in Sierra Leone: A Comment on the Use of Coefficient Stability Approaches" (co-author Felipe Gonzalez), *Journal of Public Economics*, 2015, 128: 30-33, 10.1016/j.jpubeco.2015.05.004.
52. "Promoting an Open Research Culture: Author guidelines for journals could help to promote transparency, openness, and reproducibility" (co-authors B. A. Nosek, G. Alter, G. C. Banks, D. Borsboom, S. D. Bowman, S. J. Breckler, S. Buck, C. D. Chambers, G. Chin, G. Christensen, M. Contestabile, A. Dafoe, E. Eich, J. Freese, R. Glennerster, D. Goroff, D. P. Green, B. Hesse, M. Humphreys, J. Ishiyama, D. Karlan, A. Kraut, A. Lupia, P. Mabry, T. A. Madon, N. Malhotra, E. Mayo-Wilson, M. McNutt, E. Miguel, E. Levy Paluck, U. Simonsohn, C. Soderberg, B. A. Spellman, J. Turitto, G. VandenBos, S. Vazire, E. J. Wagenmakers, R. Wilson, and T. Yarkoni), *Science*, 2015, 26 June 2015 348(6242): 1422-1425, 10.1126/science.aab2374.
53. "When Should Governments Subsidize Health? The Case of Mass Deworming" (co-authors Amrita Ahuja, Sarah Baird, Joan Hamory Hicks, Michael Kremer, Shawn Powers), *World Bank Economic Review*, 2015, 10.1093/wber/lhv008.
54. "War and Deforestation in Sierra Leone" (co-authors Robin Burgess, Charlotte Stanton), *Environmental Research Letters*, 10 (2015) 095014.
55. "Global Non-linear effect of temperature on economic production" (co-authors Marshall Burke, Solomon Hsiang), *Nature*, 2015, 10.1038/nature15725.



56. "Commentary: Deworming externalities and schooling impacts in Kenya: a comment on Aiken et al. (2015) and Davey et al. (2015)" (co-authors Joan Hamory Hicks, Michael Kremer), *International Journal of Epidemiology*, doi: 10.1093/ije/dyv129.
57. "The Case for Mass Treatment of Intestinal Helminths in Endemic Areas" (co-authors Joan Hamory Hicks, Michael Kremer), *PLOS Neglected Tropical Diseases*, 2015, 10.1371/journal.pntd.0004214.
58. "Electrification for 'Under Grid' Households in Rural Kenya" (co-authors Kenneth Lee, Carson Christiano, Eric Brewer, Francis Meyo, Matthew Podolsky, Javier Rosa, Catherine Wolfram), *Development Engineering*, 2015, doi:10.1016/j.deveng.2015.12.001.
59. "Education as Liberation?" (co-authors Willa Friedman, Michael Kremer, Rebecca Thornton), *Economica*, 2016, 83(329): 1-30, 10.1111/ecca.12168.
60. "Do Cash Transfers Improve Birth Outcomes? Evidence from Matched Vital Statistics, Social Security and Program Data" (co-authors Veronica Amarante, Marco Manacorda, Andrea Vigorito), *American Economic Journal: Economic Policy*, 2016, 8(2): 1-43, doi:10.1257/pol.20140344 [lead article].
61. "Appliance Ownership and Aspirations among Electric Grid and Home Solar Households in Rural Kenya" (co-authors Kenneth Lee, Catherine Wolfram), *American Economic Review Papers and Proceedings*, 2016, 106(5): 89-94, doi: 10.1257/aer.p20161097.
62. "Can War Foster Cooperation?" (co-authors Michal Bauer, Chris Blattman, Julie Chytilova, Joe Henrich, Tamar Mitts), *Journal of Economic Perspectives*, 2016, 30(3): 249-274, doi: 10.1257/jep.30.3.249.
63. "Worms at Work: Long-run Impacts of a Child Health Investment" (co-authors Sarah Baird, Joan Hamory Hicks, Michael Kremer), *Quarterly Journal of Economics*, 2016, 131(4): 1637-1680, doi: 10.1093/qje/qjw022.
64. "Risky Transportation Choices and the Value of Statistical Life" (co-author Gianmarco León), *American Economic Journal: Applied Economics*, 2017, 9(1): 202-228, doi: 10.1257/app.20160140.
65. "Commentary: Assessing long-run deworming impacts on education and economic outcomes: a comment on Jullien, Sinclair and Garner (2016)" (co-authors Sarah Baird, Joan Hamory Hicks, Michael Kremer), *International Journal of Epidemiology*, 2017, doi: 10.1093/ije/dyw350.
66. "Should the WHO Withdraw Support for Mass Deworming?" (co-authors Kevin Croke, Joan Hamory Hicks, Eric Hsu, Michael Kremer), *PLOS Neglected Tropical Diseases*, 2017, doi: 10.1371/journal.pntd.0005481.
67. "Spillover effects on health outcomes in low- and middle-income countries: A systematic review" (co-authors Jade Benjamin-Chung, Jaynal Abedin, David Berger, Ashley Clark, Veronica Jimenez, Eugene Konagaya, Diana Tran, Benjamin F. Arnold, Alan E. Hubbard, Stephen P. Luby, John M. Colford Jr.), *International Journal of Epidemiology*, 2017, doi: 10.1093/ije/dyx039.



68. "Spillover effects in epidemiology: parameters, study designs, and methodological considerations" (co-authors Jade Benjamin-Chung, David Berger, Benjamin F. Arnold, Alan E. Hubbard, Stephen P. Luby, John M. Colford Jr.), *International Journal of Epidemiology*, 2017, doi: 10.1093/ije/dyx201.
69. "Transparency, Reproducibility and the Credibility of Empirical Economics Research" (co-author Garret Christensen), *Journal of Economic Literature*, 2018, 56(3): 920-980, doi: 10.1257/jel.20171350.
70. "Ethnically Biased? Experimental Evidence from Kenya" (co-authors Lars Ivar Oppedal Berge, Kjetil Bjorvatn, Simon Galle, Edward Miguel, Daniel Posner, Bertil Tungodden, Kelly Zhang), *Journal of the European Economic Association*, 2019, doi: 10.1093/jeea/jvz003.
71. "Sell Low and Buy High: Arbitrage and Local Price Effects in Kenyan Markets" (co-authors Marshall Burke, Lauren Falcao Bergquist), *Quarterly Journal of Economics*, 2019, 134(2): 785-842, doi: 10.1093/qje/qjy034.
72. "Non-economic factors in violence: Evidence from organized crime, suicides and climate in Mexico" (co-authors Ceren Baysan, Marshall Burke, Felipe Gonzalez, Solomon M. Hsiang), *Journal of Economic Behavior and Organization*, 2019, 168: 434-452, doi: 10.1016/j.jebo.2019.10.021.
73. "A study of the impact of data sharing on article citations using journal policies as a natural experiment" (co-authors Garret Christensen, Allan Dafoe, Don A. Moore, Andrew K. Rose), *PLoS ONE*, 2019, 14(12): e0225883, doi: 10.1371/journal.pone.0225883.
74. "Does Electrification Supercharge Economic Development?" (co-authors Kenneth Lee, Catherine Wolfram), *Journal of Economic Perspectives*, 2020, 34(1): 122-144, doi: 10.1257/jep.34.1.122.
75. "Experimental Evidence on the Economics of Rural Electrification" (co-authors Kenneth Lee, Catherine Wolfram), *Journal of Political Economy*, 2020, 128(4): 1523-1565, doi: 10.1086/705417.
76. "Research Transparency is on the Rise in Economics" (co-authors Nicholas Swanson, Garret Christensen, Rebecca Littman, David Birke, Elizabeth Levy Paluck, Zenan Wang), 2020, *American Economic Review Papers and Proceedings*, 110: 61-65, doi: 10.1257/pandp.20201077.
77. "Reevaluating Agricultural Productivity Gaps Using Longitudinal Microdata" (co-authors Joan Hamory Hicks, Marieke Kleemans, Nicholas Li), 2020, *Journal of the European Economic Association*, doi: 10.1093/jeea/jvaa043.
78. "Self-control and Demand for Preventive Health: Evidence from Hypertension in India" (co-authors Liang Bai, Benjamin Handel, Gautam Rao), 2020, *Review of Economics and Statistics*, doi: 10.1162/rest\_a\_00938.
79. "Using Survey Questions to Measure Preferences: Lessons from an Experimental Validation in Kenya" (co-authors Michal Bauer, Julie Chytilova), 2020, *European Economic Review*, 127, doi: 10.1016/j.euroecorev.2020.103493.

80. "A Framework for Open Policy Analysis" (co-authors Fernando Hoces de la Guardia, Sean Grant), 2020, *Science and Public Policy*, doi: 10.1093/scipol/scaa067.
81. "Deepening or Diminishing Ethnic Divides? The Impact of Urban Migration in Kenya" (co-authors Eric Kramon, Sarah Baird, Joan Hamory), 2021, *American Journal of Political Science*, doi: 10.1111/ajps.12590.
82. "Elections and Selfishness" (co-authors Simon Galle, Kjetil Bjorvatn, Lars Ivar Oppedal Berge, Daniel N. Posner, Bertil Tungodden, Kelly Zhang), 2021, *Electoral Studies*, 69, doi: 10.1016/j.electstud.2020.102267.
83. "Falling Living Standards during the COVID-19 Crisis: Quantitative Evidence from Nine Developing Countries" (co-authors Dennis Egger, Shana S. Warren, Ashish Shenoy, Elliott Collins, Dean Karlan, Doug Parkerson, A. Mushfiq Mobarak, Günther Fink, Christopher Udry, Michael Walker, Johannes Haushofer, Magdalena Larrebourg, Susan Athey, Paula Lopez-Pena, Salim Benhachmi, Macartan Humphreys, Layna Lowe, Niccoló F. Meriggi, Andrew Wabwire, C. Austin Davis, Utz Johann Pape, Tilman Graff, Maarten Voors, Carolyn Nekesa, Corey Vernot), 2021, *Science Advances*, 7(6), doi: 10.1126/sciadv.abe0997.
84. "Twenty Year Economic Impacts of Deworming" (co-authors Sarah Baird, Joan Hamory, Michael Kremer, Michael Walker), 2021, *Proceedings of the National Academy of Sciences*, 118(14), doi: 10.1073/pnas.2023185118.
85. "Evidence on Research Transparency in Economics", 2021, *Journal of Economic Perspectives*, 35(3): 193-214, doi: 10.1257/jep.35.3.193.
86. "Skill versus Voice in Local Development" (co-authors Katherine Casey, Rachel Glennerster, Maarten Voors), forthcoming, *Review of Economics and Statistics*
87. "Self-Reported vs. Directly Observed Face Mask Use in Kenya" (co-authors Aleksandra Jakubowski, Dennis Egger, Carolyn Nekesa, Layna Lowe, Michael Walker), forthcoming, *JAMA Network Open*

#### Books.

1. *Economic Gangsters: Corruption, Violence, and the Poverty of Nations* (co-author Ray Fisman), Princeton University Press (October 2008).
2. *Africa's Turn?* MIT Press (April 2009).
3. *Transparent and Reproducible Social Science Research* (co-authors Garret Christensen, Jeremy Freese), University of California Press (July 2019)

#### Chapters and Reviews.

1. "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.
2. "Ethnic Diversity and Poverty Reduction (Chapter 12)", in *Understanding Poverty*, (eds.) Abhijit Banerjee, Roland Benabou, and Dilip Mookherjee, 2006, Oxford University Press.

3. "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.
4. "Methodologies to Evaluate Early Childhood Development Programs" (co-authors Jere Behrman, Paul Glewwe), *World Bank Doing Impact Evaluation No. 9*, 2007.
5. "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.
6. "Deciphering the demand for safe drinking water in low-income countries" (co-authors Michael Kremer, Clair Null, Alix Zwane), in *Issues of the Day: 100 Commentaries on Climate, Energy, the Environment, Transportation, and Public Health Policy*, (eds.) Ian W.H. Parry and Felicia Day, Resources for the Future Press, 2010.
7. "Willingness to pay for cleaner water in less developed countries: systematic review of experimental evidence" (co-authors Clair Null, Michael Kremer, Jorge Garcia Hombrados, Robyn Meeks, Alix Zwane), *3ie Systematic Review 006*.
8. "Climate and conflict" (co-authors Solomon Hsiang, Marshall Burke), *Annual Review of Economics*, 2015.
9. "Estimating spillover effects in a causal inference framework: a systematic review and methods synthesis" (co-authors Jade Benjamin-Chung, Benjamin F Arnold, David Berger, Ashley Clark, Lauren Falcao, Veronica Jimenez, Diana Tran, Eugene Konagaya, Alan Hubbard, Stephen P Luby, John M Colford, Jr), *3ie Systematic Review*, 2015.
10. "Healing the Wounds: Learning from Sierra Leone's Post-war Institutional Reforms" (co-authors Katherine Casey, Rachel Glennerster), in *African Successes, Volume I: Government and Institutions*, (eds.) S. Edwards, S. Johnson, and D. Weil. University of Chicago Press, 2016.
11. "Impacts and Determinants of Health Levels in Low-Income Countries" (co-author Pascaline Dupas), *Handbook of Field Experiments, Volume 2*, (eds.) E. Duflo and A. Banerjee, Elsevier, 2017.
12. "Economics of Mass Deworming Programs" (co-authors Amrita Ahuja, Sarah Baird, Joan Hamory Hicks, Michael Kremer), Chapter 29 in *Disease Control Priorities (third edition): Volume 8, Child and Adolescent Health and Development*, (eds.) D. A. P. Bundy, N. de Silva, S. Horton, D. T. Jamison, and G. C. Patton. Washington, DC: World Bank, 2017.
13. "Using RCT's to Estimate Long-Run Impacts in Development Economics" (co-authors Adrien Bouguen, Yue Huang, Michael Kremer), *Annual Review of Economics*, 2019, 11: 523-561, doi: <https://doi.org/10.1146/annurev-economics-080218-030333>.

14. “Transparency and Reproducibility: Conceptualizing the Problem (Chapter 6)” (co-author Garret Christensen), in *The Production of Knowledge: Enhancing Progress in Social Science*, (eds.) Colin Elman, John Gerring, and James Mahoney. Cambridge University Press, 2020.
15. “Transparency and Reproducibility: Potential Solutions (Chapter 7)” (co-author Garret Christensen), in *The Production of Knowledge: Enhancing Progress in Social Science*, (eds.) Colin Elman, John Gerring, and James Mahoney. Cambridge University Press, 2020.
16. “Improving Research Transparency in the Social Sciences: Registration, Pre-registration, and Multiple Testing Adjustments” (co-author Garret Christensen), in *Research Integrity in the Behavioral Sciences*, (eds.) Lee Jussim, Sean T. Stevens, and Jon A. Krosnick. Oxford University Press, 2021 (forthcoming).

*Unpublished working papers.*

1. “General Equilibrium Effects of Cash Transfers: Experimental Evidence from Kenya” (co-authors Dennis Egger, Johannes Haushofer, Paul Niehaus, Michael Walker), under revision, *Econometrica*
2. “Unlocking the File Drawer: A RARE Proposal to Normalize Complete Reporting” (co-authors David D. Laitin, Ala’ Alrababa’h, Aleksandar Bogdanoski, Sean Grant, Katherine Hoeberling, Cecilia Mo, Don A. Moore, Simine Vazire, Jeremy Weinstein, Scott Williamson), under revision, *Proceedings of the National Academy of Sciences*
3. “The Illusion of Stable Fertility Preferences” (co-authors Maximilian Mueller, Joan Hamory, Jenna Johnson-Hanks), under revision, *Population Studies*
4. “Destructive behavior, economic decision-making, and judgment under thermal stress” (co-authors Ingvild Almas, Max Aufhammer, Tessa Bold, Ian Bolliger, Aluma Dembo, Sol Hsiang, Shuhei Kitamura, Robert Pickmans)
5. “Long Run Effects of Aid: Forecasts and Evidence from Sierra Leone” (co-authors Katherine Casey, Rachel Glennerster, Maarten Voors)
6. “The State of Open Science in the Social Sciences” (co-authors Joel Ferguson, Rebecca Littman, Garret Christensen, Elizabeth Levy Paluck, Nicholas Swanson, Zenan Wang, David Birke, John-Henry Pezzuto)
7. “Does Mass Deworming Affect Child Nutrition? Meta-analysis, Cost-Effectiveness, and Statistical Power” (co-authors Kevin Croke, Joan Hamory Hicks, Eric Hsu, Michael Kremer, Witold Wiecek)
8. “Analysis of statistical power reconciles drought-conflict results in Africa” (co-authors Solomon M. Hsiang, Marshall Burke, Kyle C. Meng, Mark A. Cane)
9. “Long-term take-up of point-of-collection chlorination for water treatment: Results from a cluster randomized controlled trial in Kenya” (co-authors Clair Null, Alix Zwane, Amrita Ahuja, Jeff Berens, Jessica Vernon, Michael Kremer).

*Terminal working papers.*

1. "Tracking, Attrition and Data Quality in the Kenyan Life Panel Survey Round 1 (KLPS-1)" (co-authors Sarah Baird, Joan Hamory Hicks), University of California CIDER Working Paper #C08-151, 2008.
2. "Individual Ability and Selection into Migration in Kenya" (co-author Joan Hamory), United Nations Development Programme (UNDP), Human Development Research Paper 2009/45.
3. "Reconciling Temperature-Conflict Results in Kenya" (co-authors Solomon Hsiang, Marshall Burke), University of California CEGA Working Paper #32, 2013.
4. "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities, Guide to Replication of Miguel and Kremer (2004)" (co-author Michael Kremer), University of California CEGA Working Paper #39, 2014.
5. "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities, Data User's Guide" (co-authors Michael Kremer, Joan Hamory Hicks, Carolyn Nekesa), University of California CEGA Working Paper #40, 2014.
6. "Comment on Macartan Humphreys' and Other Recent Discussion of the Miguel and Kremer (2004) Study" (co-authors Michael Kremer, Joan Hamory Hicks), University of California CEGA Working Paper #54, 2015.
7. "Pre-results Review at the *Journal of Development Economics: Lessons Learned*" (co-authors Aleksander Bogdanoski, Andrew Foster, Dean Karlan), MetArXiv, doi: 10.31222/osf.io/5yacv, 2019.
8. "A Tribute to 2019 Economics Nobel Prize Recipient, Professor Michael Kremer", University of California CEGA Working Paper #147, 2021.

*Writing published in popular media (selected).*

1. "Cash Talks", *Forbes*, November 24, 2003.
2. "Incentives to Learn: Merit Scholarships that Pay Kids to Do Well" (co-authors Michael Kremer, Rebecca Thornton), *Education Next*, 4(2), 2005.
3. "Stop Conflict Before it Starts", *Bloomberg Businessweek*, September 2006.
4. "Bombing Vietnam: The phoenix rises" (co-author Gerard Roland), *Milken Institute Review*, 2006, 8(4), 18.
5. "Corruption and Culture" (co-author Ray Fisman), *National Post (Canada)*, December 2006.
6. "Is it Africa's Turn?", *Boston Review*, 33(3), May/June 2008.
7. "Water Technologies", *Boston Review*, September 2008.
8. "How to Prevent War and Famine" (co-author Ray Fisman), *Forbes*, October 15, 2008.
9. "How Economics can Defeat Corruption" (co-author Ray Fisman), *Foreign Policy*, September/Oct. 2008.
10. "Do Conflicts Cause Poverty, or Vice Versa" (co-author Ray Fisman), *Vox*, November 29, 2008.
11. NPR *Marketplace* commentaries (multiple, 2008-2009)
12. "Democracy in Dangerous Places: Comment on Collier", *Boston Review*, 34(4), July/August 2009.
13. "Economic shocks, weather, and civil war", *NBER Reporter Online*, 2011, Issue 3, pp. 8-10.

14. "Africa Unleashed: Explaining the Secret of a Belated Boom", *Foreign Affairs*, November/December 2011.
15. "Weather and Violence" (co-authors Marshall Burke, Solomon Hsiang), *New York Times*, August 30, 2013.
16. "The Scientific Case for Deworming Children" (co-author Michael Kremer), *Thomson Reuters*, July 29, 2015.
17. "Despite \$7 Billion to Power Africa, Why the Continent is Still in the Dark" (co-authors Kenneth Lee, Francis Moyo, Catherine Wolfram), *Reuters*, July 30, 2015.
18. "Measuring ethnic preferences: New experimental evidence" (co-authors Lars Ivar Oppedal Berge, Kjetil Bjorvatn, Simon Galle, Daniel Posner, Bertil Tungodden, Kelly Zhang), *VoxEU*, February 11, 2016.
19. "The legacy of war on social and political behaviour" (co-authors Michael Bauer, Christopher Blattman, Julie Chytilova, Joseph Henrich, Tamar Mitts), *VoxEU*, July 2, 2016.
20. "Does Providing Electricity to the Poor Reduce Poverty? Research Suggests Not Quite" (co-authors Kenneth Lee, Catherine Wolfram), *Forbes*, March 9, 2018.
21. "Does Solving Energy Poverty Help Solve Poverty? Not Quite" (co-authors Kenneth Lee, Catherine Wolfram), *Energy Institute Blog*, March 12, 2018.
22. "Agricultural productivity and rural-urban wage gaps revisited: Lessons from panel data" (co-authors Joan Hamory Hicks, Marieke Kleemans, Nicholas Li), *VoxDev*, July 30, 2018.
23. "Pre-results Review at the Journal of Development Economics: Lessons learned so far" (co-authors Andrew Foster, Dean Karlan, Aleksander Bogdanoski), *World Bank Development Impact Blog*, July 15, 2019.
24. "The Disastrous Neglect of Neglected Tropical Diseases" (co-author Michael Kremer), *Project Syndicate*, May 24, 2021.
25. "Money or Power? Choosing COVID-19 aid in Kenya" (co-authors Kenneth Lee, Oliver Kim, Eric Hsu, Susanna Berkouwer), *IGC Blog*, May 25, 2021.
26. "How foreign aid for medicine yields big economic returns", *Los Angeles Times*, June 13, 2021.
27. "Vernachlässigte Krankheiten: Die Welt darf jetzt nicht nachlassen!" (co-authors Peter Hotez, Michael Kremer, *Die Zeit*, July 13, 2021.
28. "Introducing the Social Science Reproduction Platform, a resource for teaching and improving computational reproducibility" (co-authors Aleksandar Bogdanoski, Fernando Hoces de la Guardia Lars Vilhuber), *BITSS Blog*, August 12, 2021.

(Other popular media and blog coverage [here](#).)

*Research data, materials and bibliographies.*

Harvard Dataverse,

<https://dataverse.harvard.edu/dataverse/emiguel>

National Library of Medicine NCBI,

[https://www.ncbi.nlm.nih.gov/myncbi/1zMMY\\_sUhYokw/bibliography/public/](https://www.ncbi.nlm.nih.gov/myncbi/1zMMY_sUhYokw/bibliography/public/)

## teaching and advising

*Courses.*

Undergraduate: Issues in African Economic Development; Global Poverty and Impact Evaluation

Graduate: Development Economics; Political Economics; Research Transparency Methods

Online: Transparent and Open Social Science Research



*Ph.D. Dissertation Committees, with initial placement.*

Service on 121 committees since 2000

2021.

Christina Brown, Ph.D. Economics [*University of Chicago*]

Isabelle Cohen, Ph.D. Economics [*University of Washington*]

Luna Yue Huang, Ph.D. Agricultural and Resource Economics [*Waymo*]

Yasir Khan, Ph.D. Haas School of Business [*University of Pittsburgh*]

Samuel Leone, Ph.D. Economics [*McKinsey & Company*]

2020.

David Birke, Ph.D. Economics [*University of Sydney*]

Tanu Kumar, Ph.D. Political Science [*College of William and Mary*]

Matthew Pecenco, Ph.D. Agricultural and Resource Economics [*Brown University*]

Ines Vilela, Ph.D. Economics Nova School of Business and Economics [*Royal Holloway University of London*]

Zenan Wang, Ph.D. Economics [*JD.com*]

2019.

Laura Boudreau, Ph.D. Haas School of Business [*Columbia University*]

Anne Karing (Co-Chair), Ph.D. Economics [*Princeton University*]

Erin Kelley, Ph.D. Agricultural and Resource Economics [*World Bank*]

Juliana Londoño-Velez, Ph.D. Economics [*University of California Los Angeles*]

Jonas Tungodden, Ph.D. Economics [*Pandora*]

2018.

Ceren Baysan, Ph.D. Agricultural and Resource Economics [*Essex University*]

Robert On, Ph.D. School of Information [*Chan Zuckerberg Initiative*]

Mathias Poertner, Ph.D. Political Science [*U.C. Berkeley Post-Doctoral Scholar*]

Elizabeth Ramirez Ritchie, Ph.D. Agricultural and Resource Economics [*Airbnb*]

Adina Rom, Ph.D. Economics ETH Zurich

David Schoenholzer, Ph.D. Economics [*Stockholm University*]

Kelly Zhang (Co-Chair), Ph.D. Political Science Stanford University [*MIT Governance Lab*]

2017.

David Berger (Chair), Ph.D. Economics

Lauren Falcao Bergquist (Chair), Ph.D. Economics [*University of Michigan*]

Fiona Wilkes Burlig, Ph.D. Agricultural and Resource Economics [*University of Chicago*]

Fenella Carpena (Chair), Ph.D. Economics [*Norwegian Institute of International Affairs*]

Elliott Collins, Ph.D. Agricultural and Resource Economics [*Kiva*]

Felipe Gonzalez (Chair), Ph.D. Economics [*PUC-Chile*]

Sylvan Herskovitz, Ph.D. Agricultural and Resource Economics [*IFPRI*]

Fernando Hoces de la Guardia, Ph.D. Public Policy RAND [*U.C. Berkeley BITSS*]



Michael Walker, Ph.D. Economics [*U.C. Berkeley Post-Doctoral Scholar*]

2016.

Pierre Bachas (Co-Chair), Ph.D. Economics [*World Bank Development Economics Research Group*]

Miguel de Figueiredo, Ph.D. Political Science [*University of Connecticut*]

Simon Galle (Co-Chair), Ph.D. Economics [*BI Norwegian Business School*]

Kenneth Lee (Co-Chair), Ph.D. Agricultural and Resource Economics [*U.C. Berkeley Energy and Economic Growth Initiative*]

Emmanuel Letouzé, Ph.D. Demography [*MIT Media Lab*]

Arman Rezaee, Ph.D. Economics University of California, San Diego [*University of California, Davis*]

2015.

Abel Brodeur, Ph.D. Paris School of Economics [*University of Ottawa*]

Lilia Chaidez, Ph.D. Agricultural and Resource Economics [*U.S. Government Accountability Office*]

Andrew Crane-Droesch, Ph.D. Energy and Resources Group [*Georgetown University*]

Yiwen Eva Cheng, Ph.D. Economics [*Amazon*]

Tarek Ghani, Ph.D. Haas School of Business [*Washington University*]

Tadeja Gracner, Ph.D. Economics [*RAND*]

Marieke Kleemans, Ph.D. Agricultural and Resource Economics [*University of Illinois Urbana-Champaign*]

Stanislao Maldonado, Ph.D. Agricultural and Resource Economics [*Universidad del Rosario*]

Jamie McCasland, Ph.D. Economics (Chair) [*University of British Columbia*]

Sara A. Newman, Ph.D. Political Science [*Harvard University Kennedy School of Government*]

Luz Maria Sinaia Urrusti Frenk, Ph.D. Economics [*Colegio de Mexico*]

2014.

Liang Bai, Ph.D. Economics (Chair) [*University of Edinburgh*]

Manuel Barron, Ph.D. Agricultural and Resource Economics [*IFPRI*]

Marshall Burke, Ph.D. Agricultural and Resource Economics (Co-Chair) [*Stanford University*]

Kyle Emerick, Ph.D. Agricultural and Resource Economics [*Tufts University*]

Emiliano Huet-Vaughn, Ph.D. Economics [*Middlebury College*]

Gautam Rao, Ph.D. Economics (Co-Chair) [*Harvard University*]

Sebastian Stumpner, Ph.D. Economics [*University of Montreal*]

2013.

Miguel Almunia, Ph.D. Economics [*University of Warwick*]

Willa Friedman, Ph.D. Economics (Chair) [*University of Houston*]

Francois Gerard, Ph.D. Economics (Co-Chair) [*Columbia University*]

Hideyuki Nakagawa, Ph.D. Agricultural and Resource Economics

Chantal Toledo, Ph.D. Agricultural and Resource Economics [*Berkeley Environmental Biosciences Institute*]

2012.

Joshua Blumenstock, Ph.D. School of Information [*University of Washington*]

Jing Cai, Ph.D. Agricultural and Resource Economics [*University of Michigan*]  
Jonas Hjort, Ph.D. Economics (Chair) [*Columbia University*]  
Mauricio Larrain, Ph.D. Economics [*Columbia University*]  
Gianmarco Leon, Ph.D. Agricultural and Resource Economics [*Pompeu Fabra*]  
Mark Rosenberg, Ph.D. Political Science [*Eurasia Group*]  
Alexander Rothenberg, Ph.D. Economics [*RAND*]  
Changcheng Song, Ph.D. Economics (Co-Chair) [*National University of Singapore*]

2011.

Kehinde Ajayi, Ph.D. Economics [*Boston University*]  
Katherine Whiteside Casey, Ph.D. Economics Brown University [*Stanford University*]  
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*]  
Solomon Hsiang, Ph.D. Sustainable Development Columbia University [*Princeton University*]  
Nicholas Li, Ph.D. Economics [*University of Toronto*]  
Rachel Polimeni, Ph.D. Economics (Chair)  
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*]  
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 CEGA*]  
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*]  
Anne LeBrun, Ph.D. Economics [*Wellesley College*]  
Jessica Leino, Ph.D. Economics (Chair) [*World Bank Young Professionals Program*]  
Suresh Naidu, Ph.D. Economics [*Columbia University*]  
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*]  
Christopher Blattman, Ph.D. Economics (Chair) [*Yale University*]  
Vikram Pathania, Ph.D. Economics (Co-Chair) [*World Bank*]  
Harold Toro Tulla, Ph.D. Sociology [*Harvard University*]  
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.

Caridad Araujo, Ph.D. Agricultural and Resource Economics [*World Bank*]  
Karen Macours, Ph.D. Agricultural and Resource Economics [*Johns Hopkins University*]

### **professional affiliations and activities**

University of California, Berkeley.

Faculty Director, [Center for Effective Global Action \(CEGA\)](#), since 2007

CEGA is an interdisciplinary, multi-campus research center based at U.C. Berkeley that employs innovative data, methods and technology to address pressing international development problems.

Faculty Director, [Berkeley Initiative for Transparency in the Social Sciences \(BITSS\)](#), since 2013  
Director of Innovation Incentives, [Development Impact Lab \(DIL\)](#), since 2013

Faculty Co-Director, [Berkeley Opportunity Lab \(O-Lab\)](#), 2016-2019

Affiliated Faculty, [Department of Agricultural and Resource Economics](#), since 2006  
Member, University of California Giannini Foundation of Agricultural Economics, since 2008

Chair, Personnel Committee, Department of Economics, 2020-2022  
Member, Fundraising and Alumni Relations, Department of Economics, 2015-2020  
Member, Personnel Committee, Department of Economics, 2010-2012  
Director, Graduate Admissions, Department of Economics, 2006-2007, 2009-2010  
Member, Committee on Demonstrations and Student Actions, since 2017  
Member, Committee on Teaching, 2012-2015  
Member, Scientific Committee, Economic Development and Institutions (EDI) Program, since 2016  
Member, Executive Committee, Experimental Social Science Lab (X-Lab), since 2018  
Member, Advisory Board, Social Science Matrix, since 2019  
Member, Faculty Advisory Board, Institute of International Studies (IIS), since 2020  
Faculty Executive Committee, U.C. Berkeley/UCSF Site, Robert Wood Johnson Foundation Scholars in Health Policy Research Program, 2009-2012  
Senior Fellow, [Berkeley Institute for Data Science \(BIDS\)](#), 2015-2020

#### Journals.

*Journal of Development Economics*, Associate Editor, since 2004  
*Science*, Member Board of Reviewing Editors, 2018-2021.  
*American Economic Journal: Applied Economics*, Member Board of Editors, 2007-2016  
*Quarterly Journal of Economics*, Associate Editor, 2008-2014  
*Review of Economics and Statistics*, Associate Editor, 2007-2012  
*Journal of Human Resources*, Co-Editor, 2005-2008  
*American Economic Review*, Excellence in Refereeing Award 2009, 2013

#### Referee Service.

*American Economic Journal: Applied Economics*, *American Economic Journal: Macroeconomics*, *American Economic Journal: Public Policy*, *American Economic Review*, *American Economic Review: Insights*, *American Journal of Political Science*, *American Political Science Review*, *British Journal of Political Science*, *Climatic Change*, *Demography*, *Econometrica*, *Economic Development and Cultural Change*, *Economic Journal*, *European Economic Review*, *Explorations in Economic History*, *International Economic Review*, *International Journal of Epidemiology*, *Journal of African Economies*, *Journal of Comparative Economics*, *Journal of Conflict Resolution*, *Journal of Development Economics*, *Journal of Development Effectiveness*, *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 International Economics*, *Journal of Monetary Economics*, *Journal of Politics*, *Journal of Peace Research*, *Journal of Political Economy*, *Journal of Public Economics*, *U.S. National Institutes of Health*, *U.S. National Science Foundation*, *Nature*, *Proceedings of the National Academy of Sciences (Referee, Guest Editor)*, *Quarterly Journal of Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Royal Society Open Science*, *Science*, *World Bank Economic Review*, *World Politics*, among others.

#### Professional Organizations.

[National Bureau of Economic Research \(NBER\)](#)

Research Associate, since 2009  
 Faculty Research Fellow, 2002-2009  
 Bureau of Research in the Economic Analysis of Development (BREAD)  
 Board Member, since 2012  
 Senior Fellow, 2005-2012  
 Junior Fellow, 2002-2005  
 Program Committee 2006, 2010, 2012, 2014, 2019  
 Working Group in African Political Economy (WGAPE): Co-Organizer, since 2002  
 MIT Jameel Poverty Action Lab (J-PAL): Research Affiliate, since 2003  
 Pacific Development Conference (Pac-Dev): Organizing Committee Member, 2004-2014  
 Weiss Family Fund for Research in Development Economics: Review Committee Member, since 2015  
 Center for Global Development (CGD)  
 Advisory Group Member, 2010-2019  
 Non-resident Fellow, since 2019  
 Centre for Economic Policy Research (CEPR): Research Fellow, since 2006  
 International Growth Centre (IGC): Research Network Member, since 2009  
 Busara Center for Behavioral Economics: Scientific Advisory Board Member, since 2015  
 Stanford Institute for Theoretical Economics (SITE): Co-Organizer for 2008 Summer Workshop  
 American Economic Association (AEA): Member, Program Committee for 2011 Annual Meeting  
 American Economic Association (AEA): Member, Program Committee for 2020 Annual Meeting  
 Econometric Society: Member, Program Committee for 2015 World Congress  
 Annual World Bank Conference on Africa (ABCA): Member, Program Committee for 2015 Meeting  
 Annual World Bank Conference on Africa (ABCA): Member, Program Committee for 2017 Meeting  
 Economic Development and Institutions (EDI) Program: Chair of Selection Committee for Research Area 3, 2017 and 2018 Funding Rounds  
 Innovations for Poverty Action (IPA), Peace and Recovery Initiative: Member, Research Proposal Review Committee, 2020  
 National Institute of Health: Co-Chair, Panel on “Open Science: Increasing Rigor, Reproducibility, Transparency, and Dissemination”, Science of Behavioral Change Capstone Conference, 2021

### **invited lectures and keynotes**

American Economic Association Nobel Laureate Session, ASSA Annual Meeting January 2021

*“Tribute to Prof. Michael Kremer”*

Barcelona Graduate School of Economics Lecture, Universitat Pompeu Fabra, October 2019

*“Does Electrification Help the Poor?”*

Transparency, Reproducibility and Credibility: A Research Symposium, World Bank, Keynote Lecture, September 2019, *“Innovations in Open Science in Economics”*

Metascience 2019 Symposium, Stanford University, Plenary Lecture, September 2019

*“Innovations in Open Science in Economics”*

National Bureau of Economic Research, Summer Institute Methods Lecture, July 2019,  
*"Research Transparency and Reproducibility in Economics and Beyond"*

Pontifical Javerian University, Bogotá Colombia, Public Lecture, October 2018,  
*"Ethical Economics for a World in Conflict"*

Journées Louis-André Gérard-Varet Conference in Public Economics, France, Keynote Lecture, June 2018,  
*"New Evidence on the Economics of Rural Electrification"*

H. Chase Stone Lecture, Colorado College, May 2018,  
*"Climate, Conflict and Development"*

Eilert Sundt 200 Year Anniversary Lecture, University of Oslo, Norway, October 2017,  
*"Climate, Conflict and Economic Development: The Next 50 Years"*

Life is a Lab Lecture, NHH Norwegian School of Economics, Bergen Norway, October 2017,  
*"Climate and Conflict"*

Meta-analysis of Economics Research Network (MAER-Net) Annual Colloquium, Zeppelin University, Germany, Keynote Lecture, October 2017,  
*"Transparency, Reproducibility and the Credibility of Economics Research"*

Annual World Bank Conference on Africa (ABCA), Keynote Lecture, June 2017,  
*"Understanding the Agricultural Productivity Gap"*

Novafrica Annual Conference, Lisbon Portugal, Keynote Lecture, July 2016,  
*"Prospects for Rural Electrification in Africa"*

Symposium on Economic Experiments in Development Countries (SEEDEC), Nairobi Kenya, Keynote Lecture, July 2016, *"Can War Foster Cooperation?"*

George Washington University, Conference on the Economics and Political Economy of Africa, Keynote Lecture, April 2016, *"Prospects for Rural Electrification in Africa"*

University of Zurich UBS Center, Forum for Economic Dialogue Lecture, November 2015,  
*"Conflict, Climate + Development in Africa"*

World Bank Development Economics Vice Presidency (DEC) Lecture, September 2015,  
*"Global Non-Linear of Effect of Temperature on Economic Production"*

Annual World Bank Conference on Africa (ABCA), Keynote Lecture, June 2015,  
*"Conflict and Development in Africa"*



International Agricultural Trade Research Consortium, Keynote Lecture, December 2014,  
*"Climate, conflict, trade and development"*

Association for Computing Machinery, Annual Symposium on Computing for Development (ACM-DEV),  
Keynote Lecture, December 2014, *"From Innovation to Impact in Development"*

Masters in Development Practice Program at U.C. Berkeley, Special Lecture, November 2014,  
*"The Accidental Economist: Reflections on Two Decades of Development in Africa"*

Working Group in African Political Economy at UCLA, Keynote Speech, May 2014,  
*"Promoting Transparency in Social Science Research"*

TEDxBerkeley, February 2014, *"Climate, conflict and African development"*

World Bank Africa Region Impact Evaluation Conference on Education in Dakar, Senegal, Keynote  
Address, October 2013, *"African Youth, Education and Economic Development"*

DVB Executive Symposium, Keynote Speech, September 2013, *"Is it Africa's Turn?"*

University of California, Berkeley, International and Area Studies, **Commencement Speaker**, May 2013

Harvard University, Department of Economics, Seymour E. and Ruth B. Harris Lecture, April 2013,  
*"Conflict, Climate and African Development"*

Oxford University, Center for the Study of African Economies Conference, Keynote Speech, March 2013,  
*"Conflict, Climate and African Development"*

Pacific Development Conference (at San Francisco State University), Plenary Speaker, March 2013,  
*"Conflict, Climate and African Development"*

University of California, Berkeley, Homecoming Lecture, October 2012, *"Is it Africa's Turn?"*

Econometric Society, North American Meeting (at Washington University), Development Economics  
Semi-Plenary Session, June 2011,  
*"Reshaping Institutions: Evidence on External Aid and Local Collective Action"*

Econometric Society, North American Meeting (at Boston University), Development Economics Semi-  
Plenary Session, June 2009, *"Civil War and Economic Development"*

Pacific Development Conference (at University of California, Davis), Plenary Speaker, March 2007,  
*"Randomized Evaluations in Development Economics"*

**invited seminars and conference presentations (since 2016)**

2021.

CEPR Political Economy Seminar, University of Auckland, BITSS Research Transparency and Reproducibility Training Course (virtual), World Bank DIME, International Association of Energy Economics Annual Conference, Yale University, Santa Clara University, Africa Evidence Summit, University of British Columbia, NYU, NIH SOBC Conference, BITSS Annual Meeting, ASSA Conference (virtual)

2020.

NBER Development Economics Conference, University of Miami, UCLA, ULB/University of Namur, Columbia University, IFPRI, CEPR Virtual Development Seminar, BITSS Research Transparency and Reproducibility Training Course (virtual), DFID/FCDO, Field Experiments Virtual Seminar Series, Gates Foundation, Collegio Carlo Alberto and Einaudi Institute (joint), University of Maryland, University of California Santa Cruz, Stanford University, U.C. Berkeley (Goldman School of Public Policy, Demography Department, Berkeley Conversations), ASSA Conference (San Diego)

2019.

BITSS Annual Meeting (U.C. Berkeley), Weiss Family Fund Conference (at Harvard), BREAD/NBER Joint Development Economics conference, University of Oklahoma, Barcelona Graduate School of Economics, Pompeu Fabra University, BITSS Research Transparency and Reproducibility Training Course (World Bank), World Bank DIME Research Symposium, Metascience 2019 Symposium (Stanford), NBER Summer Institute Methods Lecture, University of Chicago, Harvard Kennedy School of Government, U.C. Berkeley (Economics Departmental Seminar, Development Economics Seminar, Blum Center), USC, ASSA Conference (Atlanta)

2018.

BITSS Annual Meeting (U.C. Berkeley), University of Pennsylvania, Georgetown University, World Bank, CEGA Research Retreat (U.C. Berkeley), CEGA Evidence to Action Symposium, Universidad Javeriana (Colombia), Apple University, BITSS Research Transparency and Reproducibility Training Course (UCLA), Economic Development and Institutions Meeting (Berkeley), East African Social Science Training Collaborative Annual Meeting (in Kampala), Journées Louis-André Gérard-Varet Conference, BREAD Meeting (at Columbia University), [Colorado College H. Chase Stone Lecture](#), London School of Economics, U.C. Berkeley (Development Economics Seminar, Psychology and Economics Seminar), UCSF Pediatrics Grand Rounds, ASSA Conference (Philadelphia)

2017.

BITSS Annual Meeting (U.C. Berkeley), [University of Oslo](#), [NHH Norwegian School of Economics](#), Economic Development and Institutions Annual Meeting (Namur, Belgium), [MAER-Net Annual Colloquium \(Germany\)](#), Stanford Institute for Theoretical Economics, Agricultural Technology Adoption Initiative Conference (in Addis Ababa), East African Social Science Training Collaborative Annual Meeting (in Addis Ababa), BITSS Summer Institute (U.C. Berkeley), [Annual World Bank Conference on Africa \(ABCA\)](#), U.C. Berkeley (Development Impact Lab Meeting), UCSD, CEGA Evidence to Action Symposium, Notre Dame, USC, IMF, ASSA Conference (Chicago)

2016.

BITSS Annual Meeting (U.C. Berkeley), Northwestern University, U.C. Berkeley (Development Economics Seminar), University of Illinois Urbana-Champaign, Millennium Challenge Corporation (Washington DC), Berkeley Center for African Studies Colloquium, [Novafrica Annual Conference](#), [Symposium on Economic Experiments in Developing Countries \(SEEDec\)](#), BITSS Summer Institute (U.C. Berkeley), Berkeley

Opportunity Lab Data Forum, University of California Riverside, RAND, [Stanford METRICS Forum](#), CEGA Evidence to Action Symposium, George Washington University, Stanford (Public and Environmental Economics Seminar), [Berkeley Institute for Data Science \(BIDS\)](#), USC, Pacific Development Conference (at Stanford), Harvard/MIT Development Economics Seminar, University of Wisconsin Madison (Center for Demography and Ecology Seminar), NBER Growth and Fluctuations Meeting, Economic Development and Institutions Conference (Namur, Belgium), Replication and Transparency in Economic Research Workshop (Mozilla SF), ASSA Conference (San Francisco)

**personal**

U.S. citizen.