

MARCELLA ALSAN, MD, MPH, PhD

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Faculty Positions	2019 – Professor of Public Policy, Harvard Kennedy School 2019 – Visiting Professor, University of California, Santa Barbara 2018 – Visiting Scholar, Becker Friedman Institute, University of Chicago 2018 – Associate Professor of Medicine (with tenure), Stanford University – Associate Professor, by courtesy, Economics – Associate Professor, by courtesy, Health Research and Policy 2013 – Assistant Professor of Medicine, Stanford University
Current Professional Activities and Services	2021 – FAIR Health Board of Directors 2021 – Board on Population Health and Public Health Practice, National Academies of Sciences, Engineering, and Medicine (NASEM) 2020 – Board of Editors, <i>American Economic Journal: Economic Policy</i> 2020 – Co-Editor, <i>Journal of Health Economics</i> 2020 – Research Associate, National Bureau of Economic Research (NBER) – Development of the American Economy, Children, Political Economy, Development Economics, Health Care 2020 – Arrow Award Committee 2019 – Co-Director, Health Care Delivery Initiative, Abdul Latif Jameel Poverty Action Lab (J-PAL) North America
Previous Service	2020 - 2022 Board of Editors, <i>Science Magazine</i> 2021 - 2022 Committee on Improving the Representation of Women and Underrepresented Minorities in Clinical Trials and Research, NASEM
Education	2013 – Fellowship in Infectious Diseases, Partners, BWH/MGH 2012 – PhD in Economics, Harvard University 2007 – Hiatt Global Health Equity Residency in Internal Medicine, BWH 2005 – MD, Loyola University, <i>magna cum laude</i> 2005 – MPH, Harvard School of Public Health 1999 – AB, Cognitive Neuroscience (Psych/Bio), Harvard College, <i>magna cum laude</i> 1999 – Certificate in Mind Brain & Behavior, Harvard College
Awards	2021 – MacArthur Foundation Fellowship 2021 – Excellence in Refereeing Award, <i>American Economic Journal: Applied Economics</i> 2021 – Willard G. Manning Memorial Award for the Best Research in Health Econometrics, Co-Recipient 2019 – Kenneth Arrow Award for Best Paper in Health Economics, Co-Recipient 2016 – Stanford Medical School Division Teaching Award 2015 – George Rosenkranz Prize for Health Care Research in Developing Countries, Stanford 2005 – Faculty Award for Excellence in the Clinical Sciences, Loyola 2005 – Geoffrey Gunnar Memorial Scholarship, Loyola 2005 – Alpha Sigma Nu Jesuit Honor Society, Loyola 2005 – Alpha Omega Alpha Medical Honor Society 2003 – Albert Schweitzer Fellowship, Chicago 1999 – Psychology Department Award for Outstanding Thesis

Working Papers

- Experimental Evidence on the Effectiveness of Non-Experts for Improving Vaccine Demand (with Sarah Eichmeyer), NBER Working Paper No. 28593 (R & R *AEJ: Policy*)
- Messages on COVID-19 Prevention in India Increased Symptoms Reporting and Adherence to Preventive Behaviors Among 25 Million Recipients with Similar Effects on Non-recipient Members of Their Communities (with Abhijit Banerjee, Esther Duflo, Arun Chandrashekar, Ben Olken, Emily Breza, and Paul Goldsmith-Pinkham), NBER Working Paper No. 27496
- Civil Liberties in Times of Crisis (with Luca Braghieri, Sarah Eichmeyer, Joyce Kim, Stefanie Stantcheva and David Yang), NBER Working Paper No. 27972 (R & R *AEJ: Applied*)
- Fear and the Safety Net: Evidence from Secure Communities (with Crystal Yang), NBER Working Paper No. 24731 (R & R *Review of Economics and Statistics*)
- Understanding the Success of the Know-Nothing Party (with Katherine Eriksson and Greg Niemesh), NBER Working Paper No. 28078

Work in Progress

- Diversity and Legitimacy: Evidence from Clinical Trials (with Maya Durvasula, Harsh Gupta, Joshua Schwartzstein and Heidi Williams)
- The Effect of Accreditation of Healthcare in Jails on Healthcare Processes and Inmate Health Outcomes (with Crystal Yang)
- Identifying and Addressing Structural Racism (with Crystal Yang and Damon Jones)

Publications in Economics

- The Great Unequalizer: Initial Health Effects of COVID-19 in the United States (with Amitabh Chandra and Kosali Simon), NBER Working Paper No. 28958
→ *Journal of Economic Perspectives*, 2021, 35(3): 25-46.
- Does Diversity Matter for Health? Experimental Evidence from Oakland (with Owen Garrick and Grant Graziani), NBER Working Paper No. 24787
→ *American Economic Review*, 2019, 109(12): 4071-4111. (lead article)
- Religion and Sanitation Practices (with Anjali Adukia, Kim Babiarz, Lea Prince and Jeremy Goldhaber-Fiebert)
→ *World Bank Economic Review*, 2019, 1-16
- Watersheds in Child Mortality: The Role of Effective Water and Sewerage Infrastructure (with Claudia Goldin), NBER Working Paper No. 21263
→ *Journal of Political Economy*, 2019, 127(2): 586-638
- Tuskegee and the Health of Black Men (with Marianne Wanamaker), NBER Working Paper No. 22323
→ *Quarterly Journal of Economics*, 2018, 133(1): 407-455

- The Effect of the TseTse Fly on African Development
→ *American Economic Review*, 2015, 105(1): 382-410.
- Girls' Education and HIV Risk: Evidence from Uganda (with David Cutler), NBER Working Paper No. 16171
→ *Journal of Health Economics*, 2013, 32(5): 863-872.
- The Effect of Population Health on Foreign Direct Investment Inflows to Low- and Middle-Income Countries (with David E. Bloom and David Canning), NBER Working Paper No. 10596
→ *World Development*, 2006, 34(4): 613-630.

Publications in Medicine

- Effects of a large-scale social media advertising campaign on holiday travel and COVID-19 infections: a cluster randomized controlled trial, (with Emily Breza, Fatima Cody Stanford, Burak Alsan, Abhijit V. Banerjee, Arun G. Chandrasekhar, Sarah Eichmeyer, Traci Glushko, Paul S. Goldsmith-Pinkham, Kelly Holland, Emily Hoppe, Mohit Karnani, Sarah Liegl, Tristan Loisel, Lucy Ogbu-Nwobodo, Benjamin Olken, Carlos Torres, Pierre-Luc Vautrey, Erica Warner, Susan Wootton, and Esther Duflo)
→ *Nature Medicine*, 2021 :1622-1628.
- Beyond Causality: Additional Benefits of Randomized Controlled Trials for Improving Health Care Delivery (with Amy Finkelstein)
→ *Milbank Quarterly*, 2021;99(4):864-881.
- Technological Progress and Health Convergence: The Case of Penicillin in Post-War Italy (with Vincenzo Atella, Jay Bhattacharya, Valentina Conti, Iván Mejía-Guevara, and Grant Miller), NBER Working Paper No. 25541
→ *Demography*, 2021, 58(4): 1473-1498.
- Effect of Physician-Delivered COVID-19 Public Health Messages and Messages Acknowledging Racial Inequity on Black and White Adults' Knowledge, Beliefs, and Practices Related to COVID-19: A Randomized Clinical Trial (with Carlos Torres, MD, Lucy Ogbu-Nwobodo, Fatima Cody Stanford, Abhijit Banerjee, Emily Breza, Arun G. Chandrasekhar, Sarah Eichmeyer, Mohit Karnani, Tristan Loisel, Paul Goldsmith-Pinkham, Benjamin A. Olken, Pierre-Luc Vautrey, Erica Warner, and Esther Duflo, for the COVID-19 Working Group)
→ *JAMA Open*, 2021, 4(7): e2117115.
- Comparison of Knowledge and Intended Behaviors following general COVID-19 Public Health Messages and Messages Tailored for African American and Latinx Communities: A Randomized Controlled Trial (with Abhijit Banerjee, Esther Duflo, Arun Chandrasekhar, Fatima Stanford, Ben Olken, Emily Breza, Carlos Torres, Lucy Ogbu-Nwobodo, Anirudh Sankar, Pierre-Luc Vautrey, Sarah Eichmeyer, and Paul Goldsmith-Pinkham)
→ *Annals of Internal Medicine*, 2021, 174(4): 484-492.
- Disparities in COVID-19 Reported Incidence, Knowledge, and Behavior (with David Cutler, Stefanie Stantcheva and David Yang)
→ *JAMA Open*, 2020, 3(6): e2012403.
- Plasmid-mediated antibiotic resistance among uropathogens in primigravid women: Hyderabad, India (with Nagamani Kammili, Manisha Rani, Ashley Styczynski, Madhavi Iatha, Panduranga Rao Pavuluri and Vishnuvardhan Reddy)
→ *PLOS One*, 2020, 15(5): e0232710.

- The Tuskegee Study of Untreated Syphilis: A Case Study in Peripheral Trauma with Implications for Health Professionals (with Rachel Hardeman and Marianne Wanamaker)
→ *Journal of General Internal Medicine*, 2020, 35(1): 322-325.
- Sociodemographic Correlates of Medical Mistrust among African American Men Living in the East Bay (with Edna Idan, Anlu Xing, and Javarcia Ivory)
→ *Journal of Health Care for the Poor and Underserved*, 2020, 31(1): 115-127.
- Typhoid conjugate vaccines: a new tool in the fight against antimicrobial resistance (with Jason Andrews, Stephen Baker, Florian Marks, Denise Garrett, Bruce Gellin, Samir Saha, Farah Naz Qamar, Mohammad Tahir Yousafzai, Isaac Bogoch, Marina Antillon, Virginia Pitzer, Jong-Hoon Kim, Jacob John, Jillian Gauld, Vittal Mogasale, Edward Ryan, Stephen Luby, and Nathan Lo)
→ *Lancet Infectious Diseases*, 2019, 19(1): e26-e30.
- Poverty and Community-Acquired Antimicrobial Resistance with Extended-Spectrum β -Lactamase-Producing Organisms, Hyderabad, India (with Nagamani Kammili, Jyothi Lakshmi, Anlu Xing, Afia Khan, Manisha Rani, Prasanthi Kolli, David Relman, and Douglas Owens)
→ *Emerging Infectious Diseases*, 2018, 24(8): 1490-1496.
- Evaluation of a Commitment Contract to Improve HIV Medication Adherence and Persistence (with John Beshears, Wendy Armstrong, Brigitte Madrian, James Choi, Mary Nguyen, Carlos del Rio, David Laibson, and Vince Marconi)
→ *AIDS*, 2017, 31(12): 1765-1769.
- Childhood Illness and the Gender Gap in Adolescent Education in Low- and Middle-Income Countries (with Anlu Xing, Paul Wise, Gary Darmstadt, and Eran Bendavid)
→ *Pediatrics*, 2017, 140(1): e20163175.
- Beyond Infrastructure: Understanding Why Patients Decline Surgery in the Developing World (with Ben Lerman, Ngew Chia, James Brown, and Sherry Wren).
→ *Annals of Surgery*, 2017, 266(6): 975-980.
- Out-of-pocket Health Expenditures and Antimicrobial Resistance in Low-income and Middle-income Countries: An Economic Analysis (with Lena Schoemaker, Karen Eggleston, Nagamani Kammili, Prasanthi Kolli, and Jay Bhattacharya).
→ *Lancet Infectious Diseases*, 2015, 15(10): 1203-1210.
- Antibiotic Use in Cold and Flu Season and Prescribing Quality: A Retrospective Cohort Study (with Nancy Morden, Josh Gottlieb, Weiping Zhou and Jon Skinner).
→ *Medical Care*, 2015, 53(12): 1066-1071
- Risk Factors for AIDS-defining Illnesses Among a Population of Poorly Adherent People Living with HIV/AIDS in Atlanta, GA (with James Chow, Wendy Armstrong, Carlos del Rio and Vince Marconi)
→ *AIDS Care*, 2015, 27(7): 844-848.
- Poverty, Global Health, and Infectious Diseases: Lessons from Haiti and Rwanda (with Michael Westerhaus, Michael Herce, Koji Nakashima and Paul Farmer).
→ *Infectious Disease Clinics of North America*, 2011, 25(3): 611-622.
- Candida albicans Cervical Lymphadenitis in Patients Who Have Acute Myeloid Leukemia (with Nick Issa, Sarah Hammond, Dan Milner Jr., Dan DeAngelo and Lindsey Baden)
→ *Clinical Lymphoma Myeloma and Leukemia*, 2011, 11(4): 375-377.

- Tularemia Presenting as a Cervical Abscess (with Harrison Lin).
→ *Otolaryngology - Head and Neck Surgery*, 2010, 143(2): 311–312.e1.
- *Acinetobacter Baumannii*: An Emerging Pathogen (with Michael Klompas).
→ *Journal of Clinical Outcomes Management*, 2010, 17(8): 363-369.

Book Chapters

- The Economics of Women's Health and Healthcare: From Conception to Grave (with Patricia Foo, Afsan Bhadelia, Corinna Haberland and Felicia Knaul). In Scheffler, R. (Ed.), *World Scientific Handbook on Global Health Economics and Public Policy*. 2016. World Scientific: Imperial College Press.
- The Consequences of Population Health for Economic Performance (with David E. Bloom, David Canning and Dean Jamison). In Sara B., Lucy G., and Anne M., (Ed.), *Health, Economic Development and Household Poverty: From Understanding to Action*. 2007. Oxford: Routledge.

Invited Presentations

2022 – AEA Presenter (1/2022), Brigham Women's Hospital Residency Alumni Meeting (1/2022) University of Pennsylvania - Population Center (2/2022), BWH - Resident Noon Conference (2/2022), Case University (3/2022), Tufts University (3/2022), Columbia University - Development Economics (3/2022), University of Michigan Development Economics (3/2022), Loyola University Grand Rounds (3/2022), NAM Emerging Leaders – Speaker (4/2022) Georgia State University (4/2022), San Diego State University (4/2022), Case University Economics (4/2022) Global Empowerment Meeting – HKS Organizer (5/2022), Women in Public Policy - HKS Moderator (5/2022) MIT Applied Seminar (5/2022) Warwick Seminar (5/2022) University of Chicago BFI Discrimination Conference – Panelist (5/2022) Brookings (5/2022), BIDMC Neonatal Grand Rounds (5/2022) American Society of Health Economists – Discussant/Meet the Editors/Presenter (6/2022) Science of Science Panelist (6/2022) MGH Grand Rounds (7/2022) Ventura County Grand Rounds (7/2022) NBER Social Security Keynote (8/2022)

2021 – AEA (1/2021), Cornell Med Grand Rounds (1/2021), University of Chicago Booth (2/2021), Brown School Public Health (2/2021), Washington University in St. Louis (3/2021), Harvard Economic History (3/2021), Harvard Health Economics (3/2021), HKS Women in Power Conference (3/2021), Monash University (4/2021), MIT DEDP Program (4/2021), Achieving Our Country: An Academy of Citizen Activism (5/2021), CIREQ Policy Perspectives on the COVID-19 Pandemic (6/2021), CSWEP Econpalooza (6/2021), iHEA Plenary Speech (6/2021), ASHE Plenary Speech (6/2021), NBER SI Health Economics Discussant (7/2021), Dept. of Health and Human Services/Office of Assistant Secretary Planning and Evaluation (9/2021), Congressional Budget Office (9/2021), Booth Stigler Conference - Keynote (10/2021), HKS Applied Micro (10/2021), University of Zurich Economics (11/2021), National Tax Association - Presenter and Discussant (11/2021), Physicians for Human Rights - Annual Student Conference (11/2021)

2020 – Harvard Public and Labor Economics Seminar (4/2020), Wharton Health Economics (9/2020), Tulane Economics (9/2020), MIT Symposium (9/2020), Mass General Hospital Grand Rounds (10/2020), Princeton Economics (10/2020), London School of Economics (11/2020), NIH/NIDA Minority Health Interest Group (11/2020)

2019 – UCSB Economics (1/2019), London School of Economics Epstein Keynote Lecture (2/2019), Cornell Policy Analysis and Management (3/2019), University of Hawaii Economics (3/2019), ASHE Econ Discussant (6/2019), CEGA-Nairobi (7/2019), Paris School of Economics (11/2019), Columbia University (11/2019), University of Toronto Economics (12/2019)

2018 – Northwestern Economics (2/2018), University of British Columbia Economics (3/2018), UC Berkeley Economics (8/2018), All-UC Labor Economists Meeting (10/2018), Santa Clara University Economics (10/2018), Boston College Economics (10/2018), Brown Applied Microeconomics

(11/2018), HKS (11/2018), UCLA (12/2018), MIT Applied Microeconomics (12/2018), IFPRI Applied Microeconomics (12/2018)

2017 – AEA Discussant (1/2017), Highland Hospital Oakland Grand Rounds (2/2017), Dartmouth College Economics (2/2017), University of Michigan Pop Center (3/2017), Simon Fraser Economics (4/2017), UCLA Pop Center (5/2017), UC Merced Economics (5/2017), UC Berkeley Haas School of Business (4/2017), University of Colorado Boulder Economics (10/2017), UC Irvine Economics (12/2017), UC Berkeley Demography (12/2017), UCSD Economics (12/2017)

2016 – AEA Presenter and Discussant (1/2016), IGC Cities Conference (1/2016), University of California Berkeley Pop Center (2/2016), University of Maryland Pop Center (3/2016), University of Chicago, Harris (3/2016), NBER Cohort Studies (4/2016), University of Montreal Applied Economics (4/2016), University of California Davis (5/2016), UIUC Economics (12/2016)

2015 – University of Chicago Harris (1/2015), Harvard Economic History Seminar (2/2015), All-UC/Caltech Economic History (2/2015), Berkeley Workshop on Inequality in Health and Mortality (3/2015), Paris School of Economics (3/2015) Toulouse School of Economics (3/2015), PACDEV (3/2015), PAA Discussant and Presenter (4/2015), Stellenbosch Economics (5/2015), NBER SI Children (7/2015), EHA (9/2015), Vanderbilt (9/2015), University of Copenhagen Economics (11/2015), Carnegie Mellon Economics (12/2015) University of Pennsylvania Health Policy (12/2015)

2014 – AEA Presenter (1/2014), All India Institute of Medical Science (3/2014), Gandhi Medical College and Hospital Hyderabad (3/2014), ICCDRB-Bangladesh (3/2014), NBER SI DAE (7/2014), World Bank Quality in Healthcare in LMICs (9/2014), Google (9/2014), Northwestern Economics (10/2014), Williams College (10/2014), Stanford Demography (11/2014), Notre Dame Economics (11/2014), Stanford ID Grand Rounds (11/2014), UCSF Medicine (11/2014), UCLA Luskin (12/2014)

2012-2013 – Stanford Medicine (10/2012), MIT History of Poverty (11/2012), NEUDC (11/2012), Georgetown University Public Policy (11/2012), BU Health Policy (12/2012), UCLA-Anderson (1/2013), London School of Economics (1/2013), Dartmouth College (1/2013), Stanford Economic History Seminar (10/2013)

Courses (sole instructor unless noted)

- 2021 – SUP 518: The Economics of Infectious Disease
- 2021 – API 101: Markets and Market Failures
- 2021 – ECON 3017: Research in Health Economics (not sole instructor)
- 2020 – SUP 518: The Economics of Infectious Disease
- 2020 – API 101: Markets and Market Failures
- 2018 – ECON 127: The Economics of Health in Developing Countries (cross-listed Econ/Med)
- 2018 – ECON 249: Graduate Health Economics Seminar (not sole instructor)
- 2017 – MED 236: The Economics of Global Health & Infectious Disease (cross-listed Humbio/Med)
- 2017 – ECON 249: Graduate Health Economics Seminar (not sole instructor)
- 2016 – ECON 127: The Economics of Health in Developing Countries (cross-listed Econ/Med)
- 2014 – MED 236: The Economics of Global Health & Infectious Disease (cross-listed Humbio/Med)

Placement (students and predocs)

- 2014 – Samantha Madala - UCSD Medical School
- 2017 – Matt Tarduno - Berkeley PhD Agricultural and Resource Economics
- 2017 – Afia Khan - University of Chicago Medical School MD/Harris Public Policy PhD
- 2018 – Jason Koo - Stanford Medical School
- 2019 – Muzz Shittu - Yale Medical School

- 2019 – Morgan Foy - Berkeley Haas PhD Business Economics
- 2020 – Akua Oduma Nyarko-Odoom - University of Virginia Medical School
- 2021 – Javacia Ivory - UCSF MD-PhD
- 2021 – Joyce Kim – University of Michigan PhD Economics
- 2021 – Mitsuru Mukaigawara – Harvard University PhD Government
- 2021 – Marie-Pascale Grimon – Assistant Professor, SOFI Stockholm University
- 2021 – Kye Duren – UCSD Medical School
- 2021 – Naomi Tesfuzigta – New York University MPH
- 2022 – Nick Shankar – University of California, Berkeley PhD Economics
- 2022 – George Hutchins – Harvard University, PhD Sociology
- 2022 – Lukas Leister – University of Barcelona, PhD Economics

Additional Service

- 2021 – HKS Placement Chair
- 2021 – HKS Committee on Appointments
- 2021 – HKS Standing Committee on Public Policy
- 2021 – HKS Standing Committee on Social Policy
- 2021 – HKS Center for International Development Advisory Committee
- 2021 – HKS Global Empowerment Meeting Planning Committee
- 2021 – Harvard Standing Committee on Health Policy
- 2021 – Harvard Standing Committee on Global Health and Health Policy
- 2021 – HGHI Burke Fellowship Proposal Reviewer