

CURRICULUM VITAE

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Name: Marcella M. Alsan, MD, MPH, PhD

Work Address: Center for Health Policy
Center for Primary Care and Outcomes Research
Stanford University
117 Encina Commons, Room 186
Stanford, CA 94305
Voice: 650-721-1352 Fax: 650-723-1919
Email: malsan@stanford.edu

Nationality: United States Citizen

Current Academic Positions:
2013- Assistant Professor of Medicine, Stanford Medical School

Education and Training:
1999 BA, Cognitive Neuroscience (Psych/Bio), *magna cum laude*, Harvard
2005 MPH, International Health, Harvard School of Public Health
2005 MD, Medicine, *magna cum laude*, Loyola University
2006 Internship, Internal Medicine, Brigham and Women's Hospital
2007 Hiatt Residency, Global Health and Internal Medicine, Brigham
and Women's Hospital
2007-2012 PhD, Economics, Harvard
2008-2013 Subspecialty in Infectious Diseases, Massachusetts General Hospital

Past Academic Positions:
2011-2013 Instructor in Medicine, Harvard Medical School

Appointments at Hospitals/Affiliated Institutions:
Current:
2013- Faculty Research Fellow, National Bureau of Economic Research
(DAE, POL, CH)
2014- Attending Physician in Infectious Disease, Palo Alto VAHCS
2015- Faculty Affiliate, Center for Effective Global Action (CEGA), Berkeley
2015- Fellow, Center for Innovation in Global Health (CIGH), Stanford
2016- Faculty Fellow, Stanford Institute Economic Policy Research (SIEPR)
2016- Research Affiliate, International Growth Center (IGC), LSE
2017- Affiliate, Bureau for Research and Economic Analysis of Development
(BREAD)
Past:
2011-2013 Graduate Assistant in Medicine, Massachusetts General Hospital
2011-2013 Infectious Disease Fellow, Massachusetts General Hospital
2007-2011 Infectious Disease Fellow, Brigham and Women's Hospital
2012-2013 Post-Doctoral Fellow in Health and Aging, NBER

Honors and Prizes:
2017 15th Annual Community Partner Award to Bridge Clinical, Stanford
2016 Stanford Medical School Division Teaching Award

2015	Rosenkranz Prize for 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	Award for Excellence in Clinical Sciences, Loyola
2005	Alpha Omega Alpha Honor Medical Society
2003	Albert Schweitzer Fellowship
1999	Certificate in Mind, Brain and Behavior, Harvard
1999	Department Prize for Outstanding Thesis Research, Harvard

Memberships in Professional Societies:

2014-	Infectious Disease Society of America, Member
2014-	Population Association of America, Member
2014-	Economic History Association, Member
2010-	American Economic Association, Member

Economics Publications:

1. **Alsan, M.**, and Goldin, C. Watersheds in Infant Mortality: The Role of Effective Water and Sewerage Infrastructure, 1880 to 1915 NBER Working Paper No. 21263 (accepted) *Journal of Political Economy*.
2. **Alsan, M.**, and Wanamaker M., Tuskegee and the Health of Black Men. (forthcoming) NBER Working Paper No.22323 *Quarterly Journal of Economics*.
3. **Alsan, M.**, (2015). The Effect of the TseTse Fly on African Development. *American Economic Review*, 105(1): 382-410.
4. **Alsan, M.**, and Cutler, D. M. (2013). Girls' Education and HIV risk: Evidence from Uganda. *Journal of Health Economics*, 32(5): 863– 872. PMID: 23911724; PMCID: PMC3791218.
5. **Alsan, M.**, Bloom, D. E., and Canning, D. (2006). The effect of population health on foreign direct investment inflows to low- and middle-income countries. *World Development*, 34(4): 613– 630.

Infectious Disease Publications:

6. **Alsan, M.**, Beshears, J., Armstrong, W., Madrian, B., del Rio, C., Laibson, D., and Marconi, V. (2017). Evaluation of a Commitment Contract to Improve HIV Medication Adherence and Persistence AIDS. May 16. doi: 10.1097/QAD.0000000000001543. PMID: 28514277
7. **Alsan, M.**, Xing, A., Wise, P., Darmstadt, G., and Bendavid, E. (2017). Childhood Illness and the Gender Gap in Adolescent Education in Low- and Middle-Income Countries, *Pediatrics* e20163175; DOI: 10.1542/peds.2016-3175
8. Lerman, B, **Alsan, M.**, Chia N., Brown J., Wren, S. (2016), Beyond Infrastructure: Understanding Why Patients Decline Surgery in the Developing World: An Observational Study in Cameroon *Annals Surgery* PMID: 27849672.
9. **Alsan, M.**, Morden, N., Gottlieb, J., Zhou, W., and Skinner J. (2015). Antibiotic Use in Cold and Flu Season and Prescribing Quality: A Retrospective Cohort Study *Medical Care*. 53(12): 1066-1071. PMID: 26569644; PMCID: PMC4829738.
10. **Alsan, M.**, Schoemaker, L., Eggleston, K., Kammili, N., Kolli, P., and Bhattacharya, J. (2015). Out-of-pocket health expenditures and antimicrobial resistance in low-income and middle-income countries: an economic analysis. *Lancet Infect Dis*, 15(10): 1203-1210. PMID: 266164481;

PMCID: PMC4609169.

11. Chow, J. **Alsan, M.**, Armstrong, M., del Rio, C., and Marconi, V., (2015). Risk factors for AIDS-defining illnesses among a population of poorly adherent people living with HIV/AIDS in Atlanta, Georgia, *AIDS Care*, 9: 1-5. PMID: 25660100; PMCID: PMC4400213.
12. **Alsan, M.**, Westerhaus, M., Herce, M., Nakashima, K., and Farmer, P. E. (2011). Poverty, global health, and infectious disease: Lessons from Haiti and Rwanda. *Infectious Disease Clinics of North America*, 25(3): 611–622. PMID: 21896362; PMCID: PMC3168775.
13. **Alsan, M.**, Issa, N. C., Hammond, S. P., Milner Jr, D. A., DeAngelo, D. J., & Baden, L. R. (2011). *Candida albicans* Cervical Lymphadenitis in Patients Who Have Acute Myeloid Leukemia. *Clinical Lymphoma Myeloma and Leukemia*, 11(4): 375-377. PMID: 21816377; PMCID: PMC4790077.
14. **Alsan, M.**, and Lin, H.W., (2010). Tularemia presenting as a cervical abscess. *Otolaryngology - Head and Neck Surgery*, 143(2): 311–312.e1. PMID: 20647143; PMCID: PMC4780340.
15. **Alsan, M.**, and Michael K., (2010). *Acinetobacter Baumannii*: An Emerging Pathogen. *Journal of Clinical Outcomes Management*, 17 (8), 363-369. PMID: 26966345; PMCID: PMC4782967.

Book Chapters:

16. **Alsan, M.**, Foo, P., Bhadelia, A., Haberland, C., and Knaul, F. (2016). The Economics of Women's Health and Healthcare: From Conception to Grave. In Scheffler, R. (Ed.), *World Scientific Handbook on Global Health Economics and Public Policy*.
17. **Alsan, M.**, Bloom, D., Canning, D., and Jamison, Dean. (2007). The consequences of population health for economic performance. In Sara B., Lucy G., and Anne M., (Ed.), *Health, Economic Development and Household Poverty: From Understanding to Action*. pages 21-39. Oxford: Routledge.

Other Publications:

18. **Alsan, M.**, (2006). The Church & AIDS in Africa, Condoms & the Culture of Life. *Commonweal*, 133, 8.

Working Papers:

- **Alsan, M.**, The Gendered Spillover Effect of Young Children's Health on Human Capital: Evidence from Turkey *NBER Working Paper No. 23702*
- **Alsan, M.**, Prince L., Adukia A., Babiarz K., and Goldhaber-Fiebert, J. Understanding Sanitation Behavior in India: Evidence from National Surveys (Reject and Resubmit, *World Bank Economic Review*).
- **Alsan, M.**, Kammili, N., Lakshmi, J., Xing, A., Khan, A., Rani, M., Kolli, P., Relman, D., and Owens, D. Poverty and the Risk of Community-Acquired Antimicrobial Resistance: An Observational Study in Hyderabad, India (Resubmitted, *Emerging Infectious Disease Journal*)
- **Alsan, M.** Hardeman., R., and Wanamaker M. The Tuskegee Study of Untreated Syphilis: Implications for Health, Then and Now.

Work in Progress:

- A Randomized Trial to Improve Preventative Care for Black Men (with Owen Garrick and Grant

Graziani).

- The Causes and Consequences of Nativism: Evidence from the Know-Nothing Party (with Katherine Eriksson and Gregory Niemesh).
- The Introduction of Penicillin and Mortality Convergence (with Grant Miller, Jay Bhattacharya, Vincenzo Atella and Valentina Conti).
- The Effect of the Ryan White Care Act on Racial Health Disparities (with Marianne Wanamaker).
- The Effect of Immigration Policy on Hispanic Americans (with Crystal Yang).
- Racial Bias in Diagnosis and Treatment (with Ebonya Washington)

Funding Information:

Past:

- 2015-2016 Spectrum Population Health Sciences Award, Community Engagement
PI: Alsan, Marcella Community Investigator: Garrick, Owen
Co-Investigator: Graziani, Grant
Purpose: To improve preventive care uptake among African-American men in Oakland.
- 2014-2016 Global Development and Poverty Initiative, Stanford
SEED Project
PI: Alsan, Marcella
Purpose: To study risk factors for community-acquired antibiotic resistance among pregnant women in India.
- 2014-2015 Center on Demography and Economics of Health and Aging CDEHA - #
2P30AG017253
PI: Bhattacharya, Jay
Purpose: To study trends in demography, economics and health delivery as they relate to the health of the elderly
Principal Investigator, Seed Project: Alsan, Marcella
- 2012-2013 NIA T-32 Health and Aging
Role: post-doctoral training fellow
Purpose: Evaluate the impact of the girls' education, in particular a gender-targeted affirmative action educational policy, on HIV in Uganda.
- 2011-2012 NIH T-32 Neglected Tropical Diseases
Role: Postdoctoral training fellow
Purpose: Study the role of TseTse-transmitted Trypanosomiasis on African development.
- 2010-2011 NIH T-32 Clinical AIDS Research
Studied the impact of commitment device to improve HIV adherence in Atlanta, Georgia.
Role: Post-doctoral training fellow
Purpose: Study was to train fellows in clinical AIDS research.

Current:

- 2017-2019 NIH – National Institute on Minority Health and Health Disparities (R03) \$169,984
The Tuskegee Syphilis Study and the Health of Black Men

Principal Investigator: Alsan, Marcella

Purpose: Estimate how mistrust shapes the demand for health care, particularly among minority populations using the Tuskegee syphilis study as a “natural experiment”.

2017-2018	J-PAL North America Health Care Delivery Initiative A Randomized Trial to Understand the Health Behavior of Black Men. PI on Award: Alsan, Marcella Purpose: Determine if race of MD affects take-up of preventive services.	\$367,264
2016-2017	National Bureau of Economic Research (P30) How do Preferences over Doctors Vary by Patient Gender and Race? PI on Subaward: Alsan, Marcella Purpose: Determine the preferences individuals have over health providers and how those vary across patient gender and race.	\$79,000
2016-2018	Bill & Melinda Gates Foundation Role: Investigator Purpose: Identify adolescent relationships and the associated behavior risks.	\$683,197 (sub:\$110,000)
2015-2018	NIH – National Institute for Child Health and Development (K01): Infectious Diseases, Technology and Mortality Convergence. Principal Investigator: Alsan, Marcella Purpose: To assess the impact of technologies responsible for the greatest declines in infectious disease-related mortality on convergence.	\$398,358

Invited Presentations (includes scheduled):

2018 UC Berkeley Demography (1/2018), UC Irvine (1/2018) University of British Columbia (3/2018), New York University (3/2018), Uppsala University (5/2018) Wharton (4/2018) World Economic History Congress (7/2018)

2017 AEA- *Discussant* (1/2017) Medicine Grand Rounds, Highland Hospital Oakland (2/2017) Infectious Disease Grand Rounds, Stanford Hospital (2/2017) Dartmouth College (2/2017) University of Michigan (3/2017) Simon Fraser (4/2017), UCLA (5/2017), UC Merced (5/2017), UC Berkeley (4/2017), NBER DAE (Egg-Timer Presentation – 7/2017), Economic History Association Meeting- *Discussant* (9/2017), University of Colorado, Boulder (10/2017), UC San Diego (12/2017) UC Berkeley Haas (12/2017)

2016 AEA - *Presenter and Discussant* (1/2016) IGC Cities (1/2016), University of California Berkeley Population Center (2/2016) University of Maryland Population Center (3/2016) PACDEV (3/2015) University of Chicago, Harris School of Public Policy (3/2016) NBER Cohort Studies (4/2016) University of Montreal—Applied Economics (4/2016) University of California Davis (5/2016) Princeton (9/2016—Invited M. Wanamaker Presented) , Boston University (9/2016) University of Illinois (12/2016)

2014-2015

AEA (1/2014), All India Institute of Medical Science (3/2014), Gandhi Medical College and Hospital (3/2014), International Center on Diarrheal Diseases, Bangladesh (3/2014), PCOR Research in Progress (4/2014), NBER Summer Institute—DAE (7/2014). World Bank Meeting on Quality in Healthcare in Low and Middle Income Countries (9/2014), Google (9/2014), Northwestern University Economics (10/2014), Williams College (10/2014), Stanford Evolutionary Demographic Meeting (11/2014), Notre Dame Economics (11/2014), Infectious Disease Grand Rounds, Stanford Department of Medicine (11/2014), UCSF Global Health

Economics Conference (11/2014), UCLA Luskin School of Public Policy (12/2014), Center for Innovation and Global Health Research Symposium, Stanford University (1/2015), University of Chicago, Harris School of Public Policy (1/2015), Harvard Economic History Seminar (2/2015), All-UC/Caltech “Unequal Chances and Unequal Outcomes in Economic History” (2/2015), Center on the Economics and Demography of Aging, University of California, 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) Population Association of America - *Discussant and Presenter* (4/2015), Stellenbosch University, South Africa (5/2015) NBER DAE Abstract (7/2015) NBER Children’s Group (7/2015) EHA (9/2015) Vanderbilt (9/2015) University of Copenhagen (11/2015) Carnegie Mellon (12/2015) University of Pennsylvania Health Policy (12/2015)

2012-2013

Re-Mapping Africa: From Humanities to Health. Harvard GIS Conference (3/2012)
Massachusetts General Hospital *Infectious Diseases Division* Seminar (5/2012) NBER
Development of American Economy-Poster Presentation (7/2012) EconCon 2012 (8/2012),
Harvard-MIT Development Seminar (9/2012) Harvard History Seminar (9/2012), Stanford PCOR
(10/2012), MIT History of Poverty Conference (11/2012), NEUDC (11/2012), Boston-Working
Group on African Political Economy (B-WGAPE), MIT (11/2012), Georgetown (11/2012), Boston
University (12/2012), UCLA-Anderson (1/2013), London School of Economics (01/2013),
Stanford History Seminar (10/2013)

Current Licensure and Certification:

2014-	Medical License, State of California
2012-	Board Certified in Infectious Disease
2012-	Medical License, Commonwealth of Massachusetts
2010 -	Board Certified in Internal Medicine

Professional Service

Referee (Economics): *American Economic Review, Econometrica, Economic Development and Cultural Change, Economic Journal, Explorations in Economic History, Journal of Development Economics, Journal of Economic History, Journal of Health Economics, Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Studies, Review of Economics and Statistics*

Referee (Medicine): *American Journal of Hygiene and Tropical Medicine, British Medical Journal, Medical Care, PLOS Medicine, Social Science and Medicine*

Member: *Antimicrobial Stewardship Program Committee, Palo Alto Veteran’s Administration*

Grant Reviewer: *Stanford Population Health Sciences*

Member: *Stanford Health Policy PhD Program Selection Committee*

Member: *Stanford Pediatrics Faculty Selection Committee*

Board of Directors: *Healthy Scholars, 501(c)(3). Non-profit dedicated to improving health of young children in the developing world and the USA.*

Mentees:

Afia Khan, University of Chicago Medical School and Harris School of Public Policy, MD-PhD
Matt Tarduno, placement: UC Berkeley Agricultural & Resource Economics, PhD
Javarcia Ivory, placement TBD
Samantha Madala, placement UC San Diego Medical School Scholars Program, BA-MD

Courses (Sole Instructor):

Hum Bio/Med Spring 2017: The Economics of Global Health & Infectious Disease

Econ/Med Spring 2016: The Economics of Health in Developing Countries

Hum Bio/Med Fall 2014: The Economics of Global Health & Infectious Disease

Selected Media Coverage:

New York Magazine (2016), The New York Times (2016), Atlantic (2016), Huffington Post (2016), Black Business Now (2015), Kaiser Family Foundation (2015), Center for Global Development (2015), The Guardian (2015), The Economist (2015), Foreign Policy Magazine (2014), Chris Blattman Blog (2014), Marginal Revolution (2014), Boston Globe (2014),