Stanford



Grant Miller

Henry J. Kaiser, Jr. Professor, Senior Fellow at the Freeman Spogli Institute and at the Stanford Institute for Economic Policy Research and Professor, by courtesy, of Economics

Health Policy

Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Professor, Health Policy
- Senior Fellow, Freeman Spogli Institute for International Studies
- Senior Fellow, Stanford Institute for Economic Policy Research (SIEPR)
- Professor (By courtesy), Economics
- Member, Maternal & Child Health Research Institute (MCHRI)
- Affiliate, Stanford Woods Institute for the Environment

ADMINISTRATIVE APPOINTMENTS

- Director, Stanford King Center on Global Development, (2019-2019)
- Director, Stanford Center on Global Poverty and Development, (2017-2019)
- Director, Stanford Center for International Development, (2014-2017)
- Executive Committee, Stanford Population Center, (2011- present)
- Faculty Advisory Board Member, Stanford Journal of Public Health, (2011- present)
- Co-Founder, Collaboration for Health System Improvement and Impact Evaluation in India (COHESIVE-India), (2010- present)
- Faculty Affiliate, Woods Institute for the Environment, Stanford University, (2009- present)
- Faculty Affiliate, Interdisciplinary Program in Environment and Resources (IPER), Stanford University, (2007- present)
- Faculty Affiliate, Stanford Center for Latin American Studies, (2005- present)
- Faculty Fellow, Stanford Center on Global Poverty and Development, (2005- present)

HONORS AND AWARDS

- Dong Wei Faculty Fellow, Stanford King Center on Global Development (2020-2021)
- Best Paper Prize, Essen Health Conference (2020)
- Scientific Advisory Committee, Michigan Contraceptive Access, Research, and Evaluation Study (M-CARES) (2018-2020)
- Non Resident Fellow, Center for Global Development (2016)
- Research Affiliate, International Growth Center (IGC) (2015-present)
- Faculty Committee, Center for Effective Global Action (CEGA) (2015)
- Global Advisory Board, Kolkata Public Health Institute (2015)

- Affiliate, Abdul Latif Jameel Poverty Action Lab (J-PAL) (2014-present)
- Research Associate, ESRC Research Centre for Micro-Social Change, Institute for Social and Economic, University of Essex (2013-present)
- Excellence in Refereeing Award, American Economic Review (2013)
- Member, Urban Services Initiative, Abdul Latif Jameel Poverty Action Lab (J-PAL) (2012-present)
- Research Associate, National Bureau of Economic Research (NBER) (2012-present)
- Faculty Affiliate, Center for Effective Global Action (CEGA) (2011-present)
- Divisional Teaching Award, Department of Medicine, Stanford University (2011)
- International Research Fellow, Centre for Market and Public Organisation (CMPO), University of Bristol (2010-2012)
- Inter-American Prize for Research on Social Security, Conferencia Interamericana de Seguridad Social (CISS) (2010)
- Faculty Affiliate, Stanford Woods Institute for the Environment (2009-present)
- Divisional Teaching Award, Department of Medicine, Stanford University (2009)
- Faculty Affiliate, Interdisciplinary Program in Environment and Resources at Stanford University (IPER) (2007-present)
- Best Student Paper Prize, American Society of Health Economists (ASHE) (2006)
- Biennial Prize for Distinguished Contribution to Population Scholarship, American Sociological Association Section on Population (2006)
- Faculty Affiliate, Stanford Center for Latin American Studies (2005-present)
- Faculty Fellow, Stanford Center for International Development (2005-present)
- Faculty Research Fellow, National Bureau of Economic Research (NBER) (2005 to 2012)
- Pre-Doctoral Fellow in Aging and Health Economics, National Bureau of Economic Research (NBER) (2002-2005)
- Graduate Fellow, Harvard Center for International Development (2002-2004)
- Doctoral Trainee, Agency for Healthcare Research and Quality (AHRQ) (2000-2002)

PROGRAM AFFILIATIONS

- Center for Human Rights and International Justice
- Center for Latin American Studies
- Public Policy

PROFESSIONAL EDUCATION

- Ph.D., Harvard University , Health Policy (Economics Track) (2005)
- Master of Public Policy, John F. Kennedy School of Government, Harvard University (2000)
- B.A., Yale University , Psychology (Intensive) (1995)

LINKS

- Personal Home Page: https://web.stanford.edu/~ngmiller/

Teaching

COURSES

2026-27

- Health Policy Graduate Student Tutorial III: HRP 201C (Spr)
- Health Policy PhD Seminar: HRP 200 (Spr)

2025-26

- Health Policy Graduate Student Tutorial III: HRP 201C (Spr)

- Health Policy PhD Seminar: HRP 200 (Spr)

2024-25

- Economics of Health Improvement in Developing Countries: ECON 127 (Spr)
- Health Policy Graduate Student Tutorial III: HRP 201C (Spr)
- Health Policy PhD Seminar: HRP 200 (Spr)

2023-24

- Health Policy Graduate Student Tutorial III: HRP 201C (Spr)

STANFORD ADVISEES

Orals Chair

Tamar (Tamri) Matiashvili

Publications

PUBLICATIONS

- **Bureaucratic incentives shaped effectiveness of the one-child policy in China.** *Nature*
  Meng, L., Yang, H., Miller, G., Li, H.
  2026
- **Productivity gains and work conditions in coercive labor markets: Experimental evidence from the Bangladesh brick sector.** *Proceedings of the National Academy of Sciences of the United States of America*
  Miller, G., Biswas, D., Mahajan, A., Babiarz, K. S., Brooks, N., Brunner, J., Ashraf, S., Shane, J., Scarabosio, A., Maithel, S., Ahmed, S., Mahzab, M., Uddin, et al
  2026; 123 (29): e2528388123
- **A Global Analysis of Within-Country Health Inequalities.** *JAMA health forum*
  Bendavid, E., Littleton, A. K., Mejía-Guevara, I., Fenyo, M., Miller, G.
  2025; 6 (10): e253611
- **The impact of US assimilation and allotment policy on American Indian mortality.** *Proceedings of the National Academy of Sciences of the United States of America*
  Miller, G., Shane, J., Snipp, C. M.
  2025; 122 (28): e2418836122
- **Risk Perceptions and Private Protective Behaviors: Evidence from COVID-19 Pandemic** *REVIEW OF ECONOMICS AND STATISTICS*
  Bundorf, M., DeMatteis, J., Miller, G., Polyakova, M., Streeter, J. L., Wivagg, J.
  2025; 107 (3): 728-740
- **Reducing emissions and air pollution from informal brick kilns: Evidence from Bangladesh.** *Science (New York, N.Y.)*
  Brooks, N., Biswas, D., Maithel, S., Miller, G., Mahajan, A., Uddin, M. R., Ahmed, S., Mahzab, M., Rahman, M., Luby, S. P.
  2025; 388 (6747): eadr7394
- **Subjective expectations and demand for contraception** *JOURNAL OF ECONOMETRICS*
  Miller, G., de Paula, A., Valente, C.
  2025; 249
- **Removing lead from the global economy.** *The Lancet. Planetary health*
  Luby, S. P., Forsyth, J. E., Fatmi, Z., Rahman, M., Sultana, J., Plambeck, E. L., Miller, N. G., Bendavid, E., Winch, P. J., Hu, H., Lanphear, B., Landrigan, P. J.
  2024; 8 (11): e966-e972
- **Building blocks of change: The energy, health, and climate co-benefits of more efficient brickmaking in Bangladesh** *ENERGY RESEARCH & SOCIAL SCIENCE*
  Brooks, N., Biswas, D., Maithel, S., Kumar, S., Uddin, M., Ahmed, S., Mahzab, M., Miller, G., Rahman, M., Luby, S. P.

2024; 117

- **Are self-reported fertility preferences biased? Evidence from indirect elicitation methods.** *Proceedings of the National Academy of Sciences of the United States of America*
  Valente, C., Toh, W. Q., Jalingo, I., Lepine, A., de Paula, A., Miller, G.
  2024; 121 (34): e2407629121
- **The changing relationship between bodyweight and longevity in high- and low-income countries.** *Economics and human biology*
  Kopinska, J., Atella, V., Bhattacharya, J., Miller, G.
  2024; 54: 101392
- **U.S. global health aid policy and family planning in sub-Saharan Africa.** *Science advances*
  Brooks, N., Gunther, M., Bendavid, E., Boyle, E. H., Grace, K., Miller, G.
  2023; 9 (49): eadk2684
- **The importance of wage loss in the financial burden of illness: Longitudinal evidence from India.** *Social science & medicine (1982)*
  Shrinivas, A., Jalota, S., Mahajan, A., Miller, G.
  2022; 317: 115583
- **Reexamining the Contribution of Public Health Efforts to the Decline in Urban Mortality: Comment** *AMERICAN ECONOMIC JOURNAL-APPLIED ECONOMICS*
  Cutler, D. M., Miller, G.
  2022; 14 (2): 158-165
- **Urban Water Disinfection and Mortality Decline in Lower-Income Countries** *AMERICAN ECONOMIC JOURNAL-ECONOMIC POLICY*
  Bhalotra, S. R., Diaz-Cayeros, A., Miller, G., Miranda, A., Venkataramani, A. S.
  2021; 13 (4): 490-520
- **Different Strokes for Different Folks? Experimental Evidence on the Effectiveness of Input and Output Incentive Contracts for Health Care Providers with Varying Skills** *AMERICAN ECONOMIC JOURNAL-APPLIED ECONOMICS*
  Mohanan, M., Donato, K., Miller, G., Truskinovsky, Y., Vera-Hernandez, M.
  2021; 13 (4): 34-69
- **Technological Progress and Health Convergence: The Case of Penicillin in Postwar Italy.** *Demography*
  Alsan, M., Atella, V., Bhattacharya, J., Conti, V., Mejia-Guevara, I., Miller, G.
  2021
- **Agreement between dried blood spots and HemoCue in Tamil Nadu, India.** *Scientific reports*
  Roshania, R. P., Mehta, R. V., Shete, A., Bingewar, R., Kulkarni, S., Mahajan, A., Miller, G., Tarozzi, A., Martorell, R.
  2021; 11 (1): 9285
- **Can Bureaucrats Really Be Paid Like Ceos? Substitution Between Incentives and Resources Among School Administrators in China.** *Journal of the European Economic Association*
  Luo, R. n., Miller, G. n., Rozelle, S. n., Sylvia, S. n., Vera-Hernández, M. n.
  2020; 18 (1): 165–201
- **USA aid policy and induced abortion in sub-Saharan Africa: an analysis of the Mexico City Policy.** *The Lancet. Global health*
  Brooks, N., Bendavid, E., Miller, G.
  2019
- **Population sex imbalance in China before the One-Child Policy** *DEMOGRAPHIC RESEARCH*
  Babiarz, K., Ma, P., Song, S., Miller, G.
  2019; 40: 319–57
- **Evaluation of a social franchising and telemedicine programme and the care provided for childhood diarrhoea and pneumonia, Bihar, India.** *Bulletin of the World Health Organization*
  Mohanan, M., Giardili, S., Das, V., Rabin, T. L., Raj, S. S., Schwartz, J. I., Seth, A., Goldhaber-Fiebert, J. D., Miller, G., Vera-Hernández, M.
  2017; 95 (5): 343-352E
- **Personality Traits and Performance Contracts: Evidence from a Field Experiment among Maternity Care Providers in India** *AMERICAN ECONOMIC REVIEW*

Donato, K., Miller, G., Mohanan, M., Truskinovsky, Y., Vera-Hernandez, M.
2017; 107 (5): 506–10

- **Ambulance Service Associated With Reduced Probabilities Of Neonatal And Infant Mortality In Two Indian States.** *Health affairs*
  Babiarz, K. S., Mahadevan, S. V., Divi, N., Miller, G.
  2016; 35 (10): 1774-1782
- **Effect Of A Large-Scale Social Franchising And Telemedicine Program On Childhood Diarrhea And Pneumonia Outcomes In India.** *Health affairs*
  Mohanan, M., Babiarz, K. S., Goldhaber-Fiebert, J. D., Miller, G., Vera-Hernández, M.
  2016; 35 (10): 1800-1809
- **Population Policy: Abortion and Modern Contraception Are Substitutes.** *Demography*
  Miller, G., Valente, C.
  2016; 53 (4): 979-1009
- **Family Planning Program Effects: Evidence from Microdata** *POPULATION AND DEVELOPMENT REVIEW*
  Miller, G., Babiarz, K. S.
  2016; 42 (1): 7-?
- **Intended And Unintended Consequences Of China's Zero Markup Drug Policy** *HEALTH AFFAIRS*
  Yi, H., Miller, G., Zhang, L., Li, S., Rozelle, S.
  2015; 34 (8): 1391-1398
- **Intended And Unintended Consequences Of China's Zero Markup Drug Policy.** *Health affairs (Project Hope)*
  Yi, H., Miller, G., Zhang, L., Li, S., Rozelle, S.
  2015; 34 (8): 1391-8
- **Learning About New Technologies Through Social Networks: Experimental Evidence on Nontraditional Stoves in Bangladesh** *MARKETING SCIENCE*
  Miller, G., Mobarak, A. M.
  2015; 34 (4): 480-499
- **An exploration of China's mortality decline under Mao: A provincial analysis, 1950-80** *POPULATION STUDIES-A JOURNAL OF DEMOGRAPHY*
  Babiarz, K. S., Eggleston, K., Miller, G., Zhang, Q.
  2015; 69 (1): 39-56
- **Family Planning: Program Effects** *International Encyclopedia of the Social and Behavioral Sciences*
  Miller, N. G., Babiarz, K. S.
  2015
- **Population Policy: Abortion and Modern Contraception are Substitutes** *Revise and Resubmit*
  Valente, C., Miller, G.
  2015
- **Effect of Chiranjeevi Yojana on institutional deliveries and neonatal and maternal outcomes in Gujarat, India: a difference-in-differences analysis** *BULLETIN OF THE WORLD HEALTH ORGANIZATION*
  Mohanan, M., Bauhoff, S., La Forgia, G., Babiarz, K. S., Singh, K., Miller, G.
  2014; 92 (3): 187-194
- **Pay-for-Performance Incentives in Low- and Middle-Income Country Health Programs** *Encyclopedia of Health Economics in Tony Cuyler (ed.)*
  Miller, G., Babiarz, K. S.
  2014
- **Learning about New Technologies through Social Networks: Experimental Evidence on Non- Traditional Stoves in Bangladesh** *Marketing Science*
  Miller, G., Mobaraj, M.
  2014; 61 (1)
- **The Gorbachev Anti-Alcohol Campaign and Russia's Mortality Crisis.** *American economic journal. Applied economics*

Bhattacharya, J., Gathmann, C., Miller, G.
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- **Risk Protection, Service Use, and Health Outcomes under Colombia's Health Insurance Program for the Poor.** *American economic journal. Applied economics*
  Miller, G., Pinto, D., Vera-Hernández, M.
  2013; 5 (4): 61-91
- **The Gorbachev Anti-Alcohol Campaign and Russia's Mortality Crisis** *AMERICAN ECONOMIC JOURNAL-APPLIED ECONOMICS*
  Bhattacharya, J., Gathmann, C., Miller, G.
  2013; 5 (2): 232-260
- **To Promote Adoption of Household Health Technologies, Think Beyond Health** *American Journal of Public Health*
  Thurber, M., Warner, C., Platt, L., Slaski, A., Gupta, R., Miller, G.
  2013; 103 (1): 1736-174 0
- **Gender Differences in Preferences, Intra-Household Externalities, and Low Demand for Improved Cookstoves** *Revise and Resubmit*
  Mobarak, M., Miller, G.
  2013
- **The Limits of Health and Nutrition Education: Evidence from Three Randomized-Controlled Trials in Rural China** *CESIFO ECONOMIC STUDIES*
  Luo, R., Shi, Y., Zhang, L., Zhang, H., Miller, G., Medina, A., Rozelle, S.
  2012; 58 (2): 385-404
- **HIV Development Assistance and Adult Mortality in Africa** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
  Bendavid, E., Holmes, C. B., Bhattacharya, J., Miller, G.
  2012; 307 (19): 2060-2067
- **China's New Cooperative Medical Scheme Improved Finances Of Township Health Centers But Not The Number Of Patients Served** *HEALTH AFFAIRS*
  Babiarz, K. S., Miller, G., Yi, H., Zhang, L., Rozelle, S.
  2012; 31 (5): 1065-1074
- **The Limits of Health and Nutrition Education: Evidence from Three Randomized Controlled Trials in Rural China** *CESifo Economic Studies*
  Renfu Luo, Yaojiang Shi, Linxiu Zhang, Huiping Zhang, Grant Miller, Alexis Medina, Scott Rozelle
  2012; 58 (2): 385-404
- **Low Demand for Nontraditional Cookstove Technologies** *Proceedings of the National Academy of Sciences USA*
  Miller, G., Mobarak, M., Dwivedi, P., Bailis, R., Hildemann, L.
  2012; 109 (27): 10815-10820
- **Effectiveness of Provider Incentives for Anaemia Reduction in Rura l China: A Cluster Randomised Trial** *BMJ*
  Miller, G., Luo, R., Zhang, L., Sylvia, S., Shi, Y., Foo, P., Zhao, Q., Martorell, R., Medina, A., Rozelle, S.
  2012; 345
- **PEPFAR and Adult Mortality - Reply** *JAMA - JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
  Bendavid, E., Holmes, C., Miller, N. G.
  2012; 308 (10): 972-973
- **Impact of China's New Cooperative Medical Scheme on Township Health Centers** *Health Affairs*
  Babiarz, K. S., Miller, N. G., Hongmei, Y., Zhang, L., Rozelle, S.
  2012; 31 (5): 1065-1074
- **United States aid policy and induced abortion in Sub-Saharan Africa** *BULLETIN OF THE WORLD HEALTH ORGANIZATION*
  Bendavid, E., Avila, P., Miller, G.
  2011; 89 (12): 873-880
- **Anaemia among Students of Rural China's Elementary Schools: Prevalence and Correlates in Ningxia and Qinghai's Poor Counties** *JOURNAL OF HEALTH POPULATION AND NUTRITION*
  Luo, R., Zhang, L., Liu, C., Zhao, Q., Shi, Y., Miller, G., Yu, E., Sharbono, B., Medina, A., Rozelle, S., Martorell, R.

2011; 29 (5): 471-485

- **Anaemia in Rural China's Elementary Schools: Prevalence and Correlates in Ningxia and Qinghai's Poor Counties** *Journal of Health, Population and Nutrition*
  Luo, R., Zhang, L., Liu, C., Zhao, Q., Shi, Y., Miller, N. G., Yu, E., Sharbano, B., Medina, A., Rozelle, S., Martorell, R.
  2011; 29 (5): 471-485
- **United States Aid Policy and Induced Abortion in Sub-Saharan Africa** *Bulletin of the World Health Organization*
  Bendavid, E., Avila, P., Miller, G.
  2011; 89: 873-880
- **The relation of price of antiretroviral drugs and foreign assistance with coverage of HIV treatment in Africa: retrospective study** *BRITISH MEDICAL JOURNAL*
  Bendavid, E., Leroux, E., Bhattacharya, J., Smith, N., Miller, G.
  2010; 341
- **New evidence on the impact of China's New Rural Cooperative Medical Scheme and its implications for rural primary healthcare: multivariate difference-in-difference analysis** *BRITISH MEDICAL JOURNAL*
  Babiarz, K. S., Miller, G., Yi, H., Zhang, L., Rozelle, S.
  2010; 341
- **The US Global Health Initiative Informing Policy With Evidence** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
  Bendavid, E., Miller, G.
  2010; 304 (7): 791-792
- **Y Contraception as Development? New Evidence from Family Planning in Colombia*** *ECONOMIC JOURNAL*
  Miller, G.
  2010; 120 (545): 709-736
- **Cyclicality, Mortality, and the Value of Time: The Case of Coffee Price Fluctuations and Child Survival in Colombia** *JOURNAL OF POLITICAL ECONOMY*
  Miller, G., Urdinola, B. P.
  2010; 118 (1): 113-155
- **New Evidence on the Impact of China's New Cooperative Medical Scheme and Its Implications for Rural Primary Care** *BMJ*
  Babiarz, K. S., Miller, N. G., Yi, H., Zhang, L., Rozelle, S.
  2010; 341 (c5617)
- **AIDS and Declining Support for Africa's Dependent Elderly: A Retrospective Analysis Using Demographic and Health Surveys** *BMJ*
  Kautz, T., Bendavid, E., Bhattacharya, J., Miller, G.
  2010; 340 (C2841)
- **Cyclicality, Mortality, and the Value of Time: The Case of Coffee Price Fluctuations and Child Survival in Colombia** *Journal of Political Economy*
  Miller NG, Urdinola P
  2010; 118 (1): 113-155
- **Contraception as Development? New Evidence from Family Planning in Colombia** *Economic Journal*
  Miller NG
  2010; 120 (545): 709-736
- **The U.S. Global Health Initiative: Informing Policy with Evidence** *[Commentary], Journal of the American Medical Association*
  Bendavid E, Miller NG
  2010; 304 (7): 791-792
- **The Relation of Price of Antiretroviral Drugs and Foreign Assistance with Coverage of HIV Treatment in Africa: Retrospective Study** *BMJ*
  Bendavid, E., Leroux, E., Bhattacharya, J., Miller, N. G.
  2010; 341 (c6218)
- **Women's suffrage, political responsiveness, and child survival in American history** *QUARTERLY JOURNAL OF ECONOMICS*
  Miller, G.

2008; 123 (3): 1287-1327

- **Women's Suffrage, Political Responsiveness, and Child Survival in American History** *Quarterly Journal of Economics*
  Miller, N. G.
  2008; 123 (3): 1287-1327
- **Evidence on early-life income and late-life health from America's Dust Bowl era** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Cutler, D. M., Miller, G., Norton, D. M.
  2007; 104 (33): 13244-13249
- **Evidence on Early-Life Income and Late-Life Health from America?s Dust Bowl Era** *Proceedings of the National Academy of Sciences USA*
  Cutler, D., Miller, NG, Norton D
  2007; 104 (33): 13244-13249
- **Water, Water Everywhere: Municipal Finance and Water Supply in American Cities.** *in Edwards Glaeser and Claudia Goldin (eds.), Corruption and Reform: Lessons from America's History*
  Cutler, D., Miller, G.
  2006: 153-184
- **The Role of Public Health Improvements in Health Advances: The 20th Century United States** *Demography*
  Cutler D, Miller NG
  2005; 42 (1): 1-22
- **The Impact of Medicaid Managed Care on Community Clinics in Sacramento County, California** *American Journal of Public Health*
  Korenbrot CC, Miller NG, Greene J
  1999; 89 (6): 913-17