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Manisha Shah University of California, Berkeley

ACADEMIC EMPLOYMENT

UC Berkeley	
Chancellor's Professor of Public Policy, Goldman School of Public Policy	2023-
UCLA	
Franklin D. Gilliam, Jr. Chair in Social Justice, Department of Public Policy	2021-2023
Professor, Department of Public Policy	2018-2023
Founding Director, The Global Lab for Research in Action	2019-2023
Vice-Chair, Department of Public Policy	2017-2020
Associate Professor, Department of Public Policy	2014–2018
Assistant Professor, Department of Public Policy	2013-2014
UC Irvine, Assistant Professor, Department of Economics	2009–2012
Princeton, Visiting Assistant Professor, Center for Health & Wellbeing	2010-2011
University of Melbourne, Lecturer (Assistant Professor), Department of Economics	2006-2009
OTHER ACADEMIC AFFILIATIONS	
Associate Editor, The Review of Economics and Statistics	2021-
Editor, Journal of Health Economics	2018-
Faculty Research Associate, National Bureau of Economic Research (NBER)	2014–
Faculty Research Fellow, National Bureau of Economic Research (NBER)	2011-2014
Faculty Affiliate, Bureau for Research and Economic Analysis of Development (BREAD)	2018-
Faculty Affiliate, Abdul Latif Jameel Poverty Action Lab (J-PAL)	2017–
Faculty Affiliate, Center for Effective Global Action (CEGA)	2009–
Faculty Affiliate, California Center for Population Research (CCPR)	2013-
Member, Center for HIV Identification, Prevention & Treatment Services (CHIPTS)	2013-
Research Fellow, Institute for the Study of Labor (IZA)	2008–
EDUCATION	
UC BERKELEY	
Ph.D. Agricultural & Resource Economics	2006
M.S. Agricultural & Resource Economics	2003
B.A. Economics and Development Studies	1995
LONDON SCHOOL OF ECONOMICS & POLITICAL SCIENCE	1007
M.Sc. Development Studies	1997

PUBLISHED AND FORTHCOMING PAPERS

"Reminders, but not Monetary Incentives, Increase COVID-19 Booster Uptake," with T. Chang, M. Jacobson, M. Kopetsky, R. Pramanik, and S. Shah, *Proceedings of the National Academy of Sciences*, July 2023, 120(31).

"Unintended Consequences of Lockdowns: COVID-19 and the Shadow Pandemic," with S. Ravindran, *Nature Human Behaviour*. March 2023, 7(3).

"The Dirty Business of Eliminating Open Defecation: The Effect of Village Sanitation on Child Height from Field Experiments in Four Countries," with P. Gertler, M. Alzua, L. Cameron, S. Martinez, and S. Patil, *Journal of Development Economics*. November 2022, 159.

"Aggregate Effects from Public Works: Evidence from India," with J. Cook, *The Review of Economics and Statistics*. July 2022, 104(4).

- "Women's Well-Being During a Pandemic and its Containment," with N. Bau, G. Khanna, C. Low, S. Sharmin, and A. Voena, *Journal of Development Economics*. May 2022, 156.
- "Crimes against Morality: Unintended Consequences of Criminalizing Sex Work," with L. Cameron and J. Seager, *Quarterly Journal of Economics*. February 2021, 136(1): 427–469.
- "Workfare and Human Capital Investment: Evidence from India," with B. Steinberg, *Journal of Human Resources*. Spring 2021, 56(2): 380–405.
- "The Right to Education Act: Trends in Enrollment, Test Scores, and School Quality," with B. Steinberg, *AEA Papers and Proceedings*. May 2019, 109: 232-38.
- "Scaling Up Sanitation: Evidence from an RCT in Indonesia," with L. Cameron and S. Olivia, *Journal of Development Economics*. May 2019, 138:1-16.
- "Decriminalizing Prostitution: Implications for Sexual Violence and Public Health," with S. Cunningham, *The Review of Economic Studies*. July 2018, 85(3):1683–1715.
- "Drought of Opportunities: Contemporaneous and Long Term Impacts of Rainfall Shocks on Human Capital," with B. Steinberg, *Journal of Political Economy*. April 2017, 125(2):527–561.
- "Risk-Taking Behavior in the Wake of Natural Disasters," with L. Cameron, *Journal of Human Resources*. Spring 2015, 50(2): 484-515.
- "Can Mistargeting Destroy Social Capital and Stimulate Crime? Evidence from a Cash Transfer Program in Indonesia," with L. Cameron, *Economic Development and Cultural Change*. January 2014, 62(2): 381–415.
- "Intra-household Resource Allocation: Do Parents Reduce or Reinforce Child Ability Gaps?" with P. Frijters, D. Johnston, and M. Shields, *Demography*. December 2013, 50:6.
- "Do Sex Workers Respond to Disease? Evidence from the Male Market for Sex," American Economic Review Papers & Proceedings, 2013, 103(3): 445–50.
- "Compensated for Life: Sex Work and Disease Risk in Ecuador," with R. Arunachalam, *Journal of Human Resources*. Spring 2013, 48: 345–369.
- "Handedness, Health and Cognitive Development: Evidence from Children in the NLSY" with D. Johnston, M. Nicholls, and M. Shields, *Journal of the Royal Statistical Society, Series A (Statistics in Society)*. 2013, 176: 841-860.
- "Face Value: Information and Signaling in an Illegal Market" with T. Logan, *Southern Economic Journal*. 2013, 79(3): 529–564.
- "The Prostitute's Allure: The Return to Beauty in Commercial Sex Work," with R. Arunachalam, *The B.E. Journal of Economic Analysis & Policy*. 2012, Contributions, 12:1.
- "Sex Work and Infection: What's Law Enforcement Got to Do With it?" with P. Gertler, *Journal of Law and Economics*. 2011, 54.
- "To Work or Not to Work? Child Development and Maternal Labor Supply," with P. Frijters, D. Johnston, and M. Shields, *American Economic Journal: Applied Economics*. 2009, 1(3): 97–110.
- "Nature's Experiment? Handedness and Early Childhood Development," with D. Johnston, M. Nicholls, and M. Shields, *Demography*, 2009, 46(2): 281–302.
- "Prostitutes and Brides?" with R. Arunachalam, American Economic Review Papers & Proceedings, 2008, 98(2): 516–522.
- "Risky Business: The Market for Unprotected Commercial Sex," with P. Gertler and S. Bertozzi, *Journal of Political Economy*, 2005, University of Chicago Press, 113(3): 518–550.

WORKING PAPERS

- "Improving Mental Health of Adolescent Girls in Low- and Middle-Income Countries: Causal Evidence from Life Skills Programming," with S. Baird, J. Seager, B. Avuwadah, J. Hamory, S. Sabarwal, and A. Vyas. r&r Journal of Human Resources
- "Violent Discipline and Parental Behavior: Short- and Medium-term Effects of Virtual Parenting Support to Caregivers," with L Dinarte-Diaz, S. Ravindran, S Powers, and H Baker-Henningham, 2023.
- "Reducing bias among health care providers: Experimental evidence from Tanzania, Burkina Faso, and Pakistan", with Z. Wagner, C. Moucheraud, A. Wollum, W. Friedman, and W. Dow, 2023.
- "Sex, Power, and Adolescence: Intimate Partner Violence and Sexual Behaviors," with J. Seager, J. Montalvao, and M. Goldstein, 2023.
- "Intergenerational Impacts from the World's Largest Early Childhood Program," with S. Ravindran, 2021.
- "Human Capital Investment in the Presence of Child Labor," with N. Bau, M. Rotemberg, and B. Steinberg, 2020. NBER Working Paper 27241.

HANDBOOKS, CHAPTERS, AND BOOK REVIEWS

- "Economics of Sex Work and Policy Considerations" with S. Cunningham. In *Handbook of Labor, Human Resources and Population Economics* (Klaus F. Zimmermann, editor) Springer, 2021.
- *The Oxford Handbook of the Economics of Prostitution.* Scott Cunningham and Manisha Shah, editors, Oxford University Press, 2016.
- "Sex Work and Risky Sex in Developing Countries," In: Anthony J. Culyer (editor), *Encyclopedia of Health Economics*, Vol 3. San Diego: Elsevier; 2014. pp. 311-315.
- "Sex Work," with V. Rao, In *The New Oxford Companion to Economics in India* (Kaushik Basu and Annemie Maertens, editors), Delhi: Oxford University Press, Delhi, 2012.
- "Risky Business: The Market for Unprotected Commercial Sex," with P. Gertler and S. Bertozzi, In *The Economics of Health Behaviours* (J.H. Cawley and D.S. Kenkel, editors) Elgar Publishers, 2008.
- Review of "Sex Workers of India: Diversity in Practice of Prostitution and Ways of Life, by Moni Nag." *Economic Development and Cultural Change*, 2008, 57: 200.
- Review of "Making Sex Work: A Failed Experiment With Legalised Prostitution, by Mary Lucille Sullivan." *Feminist Economics*, 2008, 14(4): 216–218.

POLICY PIECES AND TECHNICAL REPORTS

Goooooooalllllls!. World Bank Development Impact. June 2022.

Women's Wellbeing During a Pandemic and its Containment VoxEU and VoxDev. October 2021.

- How Policies Meant to Protect Sex Workers Continue to Fail Them Medium.com. June 2021.
- Study from Tanzania Offers Lessons on How to Improve the Health of Adolescent Girls Worldwide The Conversation.com. April 2021.
- Crimes against Morality: Unintended Consequences of Criminalizing Sex Work. CATO Institute Research Brief in Economic Policy. April 2021.
- Examining the Macro Effects of MNREGA with J. Cook. Ideas for India for More Evidence Based Policy. October 2020.

The Impact of Criminalising Sex Work in Indonesia with L. Cameron and J. Seager. VoxDev. Sept 2020.

- Covid-19: 'Shadow Pandemic' and Violence Against Women with S. Ravindran. Ideas for India for More Evidence Based Policy. Sept 2020.
- India's Right to Education Act: Trends in Enrollment, Test Scores, and School Quality VoxEU and Ideas for India for More Evidence Based Policy. July 2019.
- Good Monsoon, Bad Test Scores? Substituting away from Schooling with B. Steinberg. Ideas for India for More Evidence Based Policy. June 2017.
- Behavioral Economics and Reproductive Health Decision-Making with A. Sellman and T. Madon. Behavioral Economics.com. April 2016.
- The Effect of Workfare Programmes on Educational Attainment: Evidence from India with B. Steinberg. voxdev.org. May 2015.
- Impact Evaluation of a Large-Scale Rural Sanitation Project in Indonesia with L. Cameron and S. Olivia, World Bank Policy Research Paper 6360, February 2013.
- Scaling Up Rural Sanitation: Findings from the Impact Evaluation Baseline Survey in Indonesia with L. Cameron, Water and Sanitation Project Technical Paper, November 2010.
- Information and Illegal Market Mechanisms with T. Logan. VoxEU.org April 2009.

GRANTS

- J-PAL Gender and Economic Agency (GEA) Initiative (\$75,000), Does Women's Leadership Matter in Law Enforcement: Evidence From Haryana, co-PI with A. Mahajan and N. Jassal, June 2022.
- IPA Human Trafficking Research Initiative (HTRI) (\$228,000), Understanding the Impact of Offering Loans on Labor Trafficking, PI, March 2022.
- J-PAL North America, State and Local Innovation Initiative (\$200,000), COVID-19 Vaccine Take-Up in a County-Run Medicaid Managed Care Population, Co-PI with T. Chang and M. Jacobson, Feb 2021-2023.
- National Science Foundation Grant (\$269,999), Foreign Capital Liberalization, Structural Change, and Economic Empowerment of Vulnerable Groups, with N. Bau and A. Matray. 2021–2024
- NIH R03, Vaccine Efficacy after a Sanitation Campaign: A Natural Experiment, with T. Bruckner
- IST Research and Global Fund, Estimating Prevalence of Human Trafficking (\$175,000), PI, 2020–21.
- National Science Foundation Grant #1658852 (\$362,625), Investing in Human Capital Production: Evidence from India, co-PI with B. Steinberg. 2017–20.
- Bill and Melinda Gates Foundation with Pathfinder (\$350,000) Reducing Provider Bias in Adolescent Contraceptive Use, co-PI with W. Dow. 2017–19.
- World Bank Gender Innovation Lab (\$150,000) Improving Sexual and Reproductive Health Outcomes for Adolescents in Tanzania, PI Shah, 2016–17.
- William & Flora Hewlett Foundation (\$350,000) Improving Sexual and Reproductive Health Outcomes for Adolescents in Tanzania, PI Shah, 2015–17.
- IGC Grant (\$75,000) Marriage Institutions and Human Capital Investments: Experimental Evidence from Pakistan, co-PI with A. Mahajan and L. Bursztyn, 2015–16.
- CCPR Small Seed Grant (\$9400) Time, Risk and Social Preferences after the Cambodian Genocide, co-PI with A. Lleras Muney and P. Heuveline, 2014–15
- JPAL-SEA Indonesia RCT Fund (\$57,498) Promoting Public Health through Savings for Sex Workers, co-PI with L. Cameron, 2013–14.

- Australian Research Council (ARC) Discovery Grant (\$265,718) Combating HIV/AIDS in Indonesia: Understanding the Behavior of Sex Workers and their Clients, co-PI with L. Cameron, 2011–14.
- Australian Research Council (ARC) Discovery Grant (\$394,000) Community–Led Sanitation Interventions: The Role of Social Capital, co-PI with L. Cameron, 2009–11.
- Bill and Melinda Gates Foundation/World Bank: Impact Evaluation of Total Sanitation & Sanitation Marketing in Indonesia, 2007–12.
- University of Melbourne Early Career Research Grant (\$20,000) Identifying External Benefits from Sanitation Improvements: Evidence from Indonesia, 2007–08.
- University of Melbourne Faculty of Economics and Commerce Grant (\$22,000), 2007–09.

KEYNOTES AND HONORS

Keynote in Health Session, Asian Meeting of the Econometric Society (AMES), 2022

Keynote, 11th Workshop on the Economics of Risky Behavior, 2022

Keynote, Korean Economic Association, 2022

Keynote, Open Doors Rhode Island, 2021

Keynote, IZA Research Program on Gender and Family, 2020 (cancelled due to COVID)

Professor of the Year, Department of Public Policy, UCLA 2018

Quartz Media award for best economics research for paper "Decriminalizing Prostitution: Implications for Sexual Violence and Public Health," 2017

Excellence in Refereeing Award, The World Bank Economic Review, 2017

Dean's Teaching Award for Undergraduate and Postgraduate Teaching, University of Melbourne, 2008.

ADDITIONAL PROFESSIONAL EXPERIENCE

Short-term Consultant. World Bank. PI on sanitation intervention RCT, Indonesia, 2007–2013

- Visiting Researcher. *National Institute of Public Health (INSP)*, Cuernavaca, Mexico, Division of Health Economics and Policy, 2002–03
- Research Associate. International Maize and Wheat Improvement Center (CIMMYT), Mexico D.F. Economics Program (part of the CGIAR), 1997–99

TEACHING EXPERIENCE

- University of California, Los Angeles. Department of Public Policy Microeconomics (Master's), Winter 2014, 2016, 2017, 2018, 2019, 2021, 2022 Development Economics (Master's), Winter 2014, 2016, 2017 Applied Policy Project (Master's), 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20 Microeconomics (Undergraduate), 2022, 2023
- *University of California, Irvine. Department of Economics* Microeconomics (Undergraduate and Master's), Fall 2009, Spring 2012. Development Economics (Undergraduate and PhD), Winter 2010, Fall 2012.
- Princeton University. Woodrow Wilson School of Public & International Affairs Development Economics (Master's), Spring 2011.

University of Melbourne. Department of Economics Introductory Microeconomics (Undergraduate), 2008. Development Economics (Master's and PhD), 2007, 2008.

INVITED SEMINARS AND CONFERENCE PRESENTATIONS

- <u>2021-2022</u>: ASSA Conference, VERB, AMIE Conference, Colgate-Hamilton, World Bank, Georgetown, FCDO UK, Harvard WAPPP, NBER Health, BREAD, UCSD, NYU, Columbia, U of Michigan Ann Arbor, UC Berkeley, UC Irvine, Tinbergen, Erasmus U, Pomona, LEAP Bocconi University, Stanford, RAND, Harvard-MIT Dev Seminar
- <u>2019-2020</u>: ASSA Conference(x2), Pacific Conference on Development Economics (PacDev), UCSD, PUC-Rio, FGV Sao Paolo, U of Oklahoma, NBER Childrens, CISA UCLA, UC Riverside, Dartmouth, UT Austin, Michigan State, USC, NBER DEV
- <u>2017-2018</u>: Los Angeles Global Health Conference, USC, Vancouver School of Economics, UBC, UC Berkeley, University of Virginia, UC Santa Cruz, University of Colorado Denver, Princeton, UPenn, Claremont Graduate University, University of Illinois Urbana-Champaign
- <u>2015-2016</u>: Stanford, Columbia, Population Association of America (PAA) EDW Discussant, UC Davis, All California Labor Economics Conference, UC Merced, USC, University of Minnesota, World Bank, NBER Summer Institute (Children's Program), UC Berkeley Science of Scaling Conference, Northern Illinois University, University of Houston
- 2013-2014: ASSA Conference, Pacific Conference on Development Economics (PacDev), World Bank, Claremont McKenna College, RAND, Southern California Conference in Applied Microeconomics, Hong Kong University of Science & Technology, UC Santa Cruz, NBER Summer Institute (Health program), Oxford University Young Lives Conference, Delhi School of Economics, Ohio State University, Southern Economic Association Meetings, ASSA Conference, Pacific Conference on Development Economics (PacDev) at UCLA, Claremont Graduate University, American Society of Health Economists (ASHE) Conference at USC, IFPRI, Brown, UC Berkeley
- 2011-2012: Columbia University, World Bank Research Group (DECRG), Pacific Conference on Development, Pacific Conference on Development Economics (PacDev) at UC Davis, Southern California Conference in Applied Microeconomics (SCCAM), Population Association of America (PAA) Discussant, UC Irvine Public Health, NBER Summer Institute (Children's program), Cornell University, All CA Labor Conference, UC Berkeley CEGA, Cal State Fullerton, USC Economics (PacDev) Session Chair (UC Berkeley), Population Association of America (PAA) Meeting (Washington DC), Tufts University, Fordham University, UC Riverside, UCLA

PROFESSIONAL MEMBERSHIPS

American Economic Association (AEA), since 2004

Committee on the Status of Women in the Economics Profession (CSWEP), since 2007

Population Association of America (PAA), since 2008

PROFESSIONAL SERVICE

UCLA Service and Administrative Roles:

Founding Director, The Global Lab for Research in Action, 2019-present

Vice-Chair, Department of Public Policy, 2017–2020

Luskin Global Public Affairs Cluster Leader in Health, 2013-present

Luskin Equity Advisor, 2015-2017

MPP Admissions Committee, 2013, 2014, 2016, 2017, 2018, 2019, 2020, 2022, 2023

Luskin Search Committee for Endowed Chair, Institute of Inequality and Democracy, 2013-2014, Junior Search Committee, 2015-2016; Luskin Endowed Chair in Innovation and Sustainability Search Committee, 2022.

National Science Foundation Economics Panel, 2017–2021

CSWEP Mentor, 2019-, AEA Mentoring Program Mentor, 2023-

National Academy Panel Member 2019: How to estimate prevalence of human trafficking

Conference Organization: Pacific Conference for Development Economics (2014), Behavioral Economics and Global Health Conference (2016), Program committee for NBER DEV (2019), Program committee for NBER Gender (2022)

UNAIDS/World Bank Economics Reference Group (ERG) for HIV/AIDS Policy, Appointed member 2007-2010

Referee: American Economic Journal: Applied Economics, American Economic Review, American Journal of Agricultural Economics, B.E. Journal of Economic Analysis & Policy, Demography, Journal of Policy Analysis and Management, Economic Development and Cultural Change, Economic Inquiry, Economics Letters, The Economic Journal, Feminist Economics, Health Economics, Journal of Development Economics, Journal of Economic Behavior & Organization, Journal of Health Economics, Journal of Human Resources, Journal of Public Economics, Journal of Urban Economics, Quarterly Journal of Economics, PLOS one, The Review of Economics and Statistics, The Review of Economic Studies, Scandinavian Journal of Economics, Social Science and Medicine, World Bank Economic Review

Grant review: National Science Foundation, Bill and Melinda Gates Foundation, AusAID Australian Development Research Awards, Agricultural Technology Adoption Initiative (ATAI), HEARD, Falk Institute, NIH, BobbieLabs, J-PAL, CEGA, USAID DIV

External Ph.D. Examiner: Australian National University, Monash University, RAND

Ph.D. Dissertation Committees [initial placement]:

2012 Nilopa Shah [World Bank]

2013 Jim Siodla [Colby College], Ian Salas [Harvard School of Public Health]

2016 Jennifer Seager [George Washington University], Amanda Nguyen [Analysis Group]

2018 Prodyumna Goutam [Precision Health Economics]

2020 Wookun Kim [Southern Methodist University]

2023 Matias Giaccobasso [VATT Institute for Economic Research]