

Paul J. Gertler
CURRICULUM VITAE
April 2025

Contact Information:

Mailing Address: Haas School of Business
University of California
Berkeley, California 94705
USA

Phone: +1 (510) 499-7584

E-mail: gertler@berkeley.edu

Webpage: www.paulgertler.com

Current Appointments:

Li Ka Shing Professor, Haas School of Business, UC Berkeley, Since 1996
Faculty Director, Institute for Business and Social Impact, UC Berkeley, Since 2020
Scientific Director, Center for Effective Global Action, UC Berkeley, Since 2010

Education:

Ph.D., Economics, 1985, University of Wisconsin, Madison
B.A., Economics, 1978, University of Wisconsin, Madison

Previous Appointments:

Professor, School of Public Health, UC Berkeley, 1996-2019
Chief Economist, Human Development Network, The World Bank, 2004-2006
Visiting Professor, Department of Economics, Harvard University, 1994-96.
Senior Economist, RAND, Santa Monica, CA, 1988-94
Assistant Professor, School of Public Health, Harvard University 1986-88
Assistant Professor, Department of Economics, SUNY Stony Brook, 1984-86

Previous Administrative Positions:

Director, Clausen Center for International Economics and Policy, UC Berkeley, 2012-13
Chair, Board of Directors, International Initiative for Impact Evaluation, 2010 – 2012
Director, Graduate Program in Health Management, UC Berkeley, 2000-2012
Director, Institute of Business and Economics Research, UC Berkeley, 2009 –2011

Awards:

Honorary Doctorate, Erasmus University, The Netherlands, 2015
Juan Jose Bobadilla Medal for Global Health, 2013
Research Medal, Global Development Network, 2002
Academic Leadership Award, National Institutes of Health, 1998
Kenneth Arrow Award, International Health Economics Association, 1996

Editorial Boards:

Editor in Chief, Journal of Development Engineering, 2015 – 2019

Co-Editor, Journal of Human Resources, 1991 to 1998

Board Member, World Bank Economic Review, 2004 to 2007

Professional Memberships:

American Economic Association, Member since 1983

National Bureau of Economic Research, Cambridge Mass., since 1985

Bureau of Research in Economic Analysis of Development, since 2002

Abdul Latif Jameel Poverty Action Lab, Affiliated Research Associate since 2009

Innovations for Poverty Action, Research Associate since 2011

Working Papers (R&R):

1. Fintech lending to borrowers with no credit history, 2024, NBER wp#33208, Revision requested **Review of Financial Studies** (with Laura Chioda, Sean Higgins, Paolina C Medina)
2. The Sweet Life: Long-Term Effects of a Sugar Rich Early Childhood, 2023, revision requested **Journal of Political Economy** (with Tadeja Gracner).
3. Using Lotteries to Attract Deposits, 2023, revision requested form **Journal of Finance** (with Sean Higgins, Aishling Scott and Enrique Seira)
4. Government Transparency and Political Clientelism: Evidence from Randomized Anti-corruption Audits in Brazil, 2023, Revision requested **The Economics Journal** (with Gustavo J. Bobonis, Marco Gonzalez-Navarro, and Simeon Nichter)

Working Papers (Submitted):

1. Do Behavioral Frictions Prevent Firms from Adopting Profitable Opportunities?, 2025 NBER wp# 33387 (with Sean Higgins, Ulrike Malmendier, and Waldo Ojeda)
5. The Welfare Benefits of Pay-As-You-Go Financing, 2025, NBER wp#33484 (with Brett Green, Renping Li, and David Sraer)
6. Mortality from Nestle's Marketing of Infant Formula in Low and Middle-Income Countries, 2024 (with Jesse Anttila-Hughes, Lia Fernald, Patrick Krause, and Bruce Wydick)
7. The Essential Role of Altruism in Medical Decision Making 2024 National Bureau of Economic Research wp#32151 (with Ada Kwan)
8. Making Entrepreneurs: The Return Training Youth in Soft Versus Hard Business Skills 2024 (with Laura Chioda, David Contreras-Loya, and Dana Carney)
9. Effect of the Jamaican Early Childhood Stimulation Intervention on Labor Market Outcomes at Age 31, 2022 (with James Heckman, , Rodrigo Pinto, and Christel Vermeesch)

Working Papers (In Preparation)):

1. Welfare Gain from Using Diagnosis Contingent Incentive Contracts to Improve Malaria Treatment, 2025 (with Maria Deici, Jonathan Kolstad and Carlos Paramo)
2. How Telemedicine Changes the Quality and Efficiency of Medical Decision Making, 2025 (with_ Alexandra Steiny Wellsjo, Paul Gertler, Jeanine Condo, Ada T. Kwan and James Humuza)

3. In-situ Upgrading or Population Relocation? Direct Impacts and Spatial Spillovers of Slum Renewal Policies 2025 (with Marco Gonzalez-Navarro, Raimundo Undurraga, and Joaquin A Urrego)
4. Importance of Preventative Care for Managing Chronic Disease, 2025 (with Claire Boone, Pablo Celhay, and Tadeja Gracner)
5. Building Negotiation Power: Experimental Evidence from Business Skills Training (with Dana Carney, Laura Chioda and Joan J. Martínez)
6. Making Entrepreneurs: The Returns to Training Youth in Hard versus Soft Business Skills (with Laura Chioda, David Contreras and Dana Carney)
7. In-situ Upgrading or Population Relocation? Direct Impacts and Spatial Spillovers of Slum Renewal Policies (with Marco Gonzalez-Navarro, Raimundo Undurraga and Joaquin A. Urrego)
8. How Managers Can Use Performance Information to Improve Procurement Efficiency (with Pablo Celhay, Marcelo Olivares and Raimundo Undurraga)
9. Government-Backed Small Business Loans Mitigate Long-Term Job Loss from Cash Flow Shocks (with Sean Higgins, Ana Maria Montoya, Eric Parrado and Raimundo Undurraga)
10. Too Much of a Good Thing: The Effect of Monitoring Intensity of Business Building Inspector Performance (with Manuel Barron, Guadalupe Bedoya, Diego García Montúfar and Ana Goicoechea)
11. Preschool or Parenting: Closing the Gap in Early Childhood Development Skills for the Roma Minority (with Elise Huillery, Joost de Laat and Ricardo Miranda)
12. Screening with Cash Deposits for Cash Loans (with Brett Green and Catherine Wolfram)
13. Empowering women: teaching leadership skills to youth in Uganda (with Laura Chioda)
14. Internalities and the effectiveness of taxing sugar-sweetened beverages (with Tadeja Gracner, Ricardo Miranda and Enrique Seira)

Journal Publications:

2021+

1. Financing Municipal Water and Sanitation Services in Nairobi's Slums, Forthcoming in *Review of Economics and Statistics* https://doi.org/10.1162/rest_a_01379 (with Aidan Coville and Sebastian Galiani)
2. Exposure to sugar rationing in the first 1000 days of life protected against chronic disease, 2024, *Science* 386 (6725), 1043-1048 (with Claire Boone and Tadeja Gracner)
3. Digital Collateral, 2024, *Quarterly Journal of Economics*, 139 (3), 1713-1766 (with Brett Green and Catherine Wolfram)
4. Road Maintenance and Local Economic Development: Evidence from Indonesia's Highways, 2024, *Journal of Urban Economics*, 143 (with Tadeja Gracner, Marco Gonzalez and Alex Rothenberg)
5. Gender differences in early child development: Evidence from large-scale studies of very young children in nine countries, 2024, *Journal of Economics, Race, and Policy*, 7(2), 82-92 (with Rosangela Bando, Florencia Lopez-Boo, Lia Fernald and Sarah Reynolds).
6. Can a private sector engagement intervention that prioritizes pro-poor strategies improve

- healthcare access and quality? A randomized field experiment in Kenya, 2023, **Health Policy and Planning** 38 (9), 1006-1016 (with C Boone, G Barasa, J Gruber and A Kwan)
7. Vulnerability and Clientelism, 2022, **American Economic Review**, 112(11): 3627–3659 (with Gustavo J. Bobonis, Marco Gonzalez-Navarro, and Simeon Nichter)
 8. The dirty business of eliminating open defecation: The effect of village sanitation on child height from field experiments in four countries, **Journal of Development Economics** Volume 159, November 2022, (with L Cameron, M Shah, ML Alzua, S Martinez, S Patil)
 9. Trust and Savings in Financial Institutions by the Poor, **Journal of Development Economics** Volume 159, November 2022, (with Sebastian Galiani and Camila Navajas Ahumada)
 10. Another brick on the wall: On the effects of non-contributory pensions on material and subjective well-being, **Journal of Economic Behavior and Organization**, Volume 195, March 2022, Pages 16-26 (with Rosangela Bando and Sebastian Galiani)
 11. How Scheduling with Automated SMS Reminder Systems Improved Health Clinic Efficiency, **Journal of Health Economics**, 2022 (with Claire Boone, Pablo Celhey, and Tadeja Gracner)
 12. Air Conditioning and Global Inequality, **Global Environmental Change**, 2021, 69, 10229 (with Lucas Davis, Stephen Jarvis and Catherine Wolfram,
 13. Aspiration Adaption in Resource-Constrained Environments, **Journal of Urban Economics**, Volume 123, May 2021, (with Sebastian Galiani and Raimundo Undurraga)
 14. How Debit Cards Enable the Poor to Save More, **Journal of Finance**, March 29, 2021 (with Pierre Bachas, Sean Higgins, and Enrique Seira)
 15. Associations of a national tax on non-essential high calorie foods with changes in consumer prices, **Food Policy**, Volume 106, January 2022 (with Tadeja Gracner and Kandace Kapinos)
 16. Do private providers give patients what they demand, even if it is inappropriate? A randomized study utilizing unannounced standardized patients in Kenya, **British Medical Journal – Open**, 2022, (with Ada Kwan, Claire E. Boone and Giorgia Sulis)

2016 - 2020

17. The Effects of Non-Contributory Pensions on Material and Subjective Well Being, **Economic Development and Cultural Change**, Volume 68, Number 4, July 2020 (with Rosangela Bando and Sebastian Galiani)
18. Living Up to Expectations: How Vocational Education Made Females Better Off but Left Males Behind, **Labour Economics**, Vol 65, August 2020, (with Paloma Acevedo, Guillermo Cruces, and Sebastian Martinez)
19. Heat Exposure and Global Air Conditioning, **Nature Sustainability**, 3(1), 2020, 25-28
20. Long-Term Effects of Temporary Subsidies on Medical Care Productivity, **American Economic Journal: Applied Economics**, 11(3), 2019, 92-127 (with Pablo Celhay, Paula Giovagnoli, and Christel Vermeersh)
21. Who benefits From Disease Management: Improving Targeting Efficiency, **Health Economics**, 28(3), 2019, 189-203 (with T Simcoe and M Catilon)
22. G20's Initiative for Early Child Development, **The Lancet**, 392 (10165), 2018, 2695-2696.
23. Digital Financial Services go a Long Way: Transaction Costs and Financial Inclusion, **AEA Papers and Proceeding**, 108, (2018), 444-48.

24. How to Make Replication the Norm (with Sebastian Galiani and Mauricio Romero), **Nature**, Vol 554, 22 February 2018.
25. The Half-Life of Happiness: Hedonic Adaptation in Subjective Well-being of Slum Dwellers to an Improvement in Housing, (with Sebastian Galiani and Raimundo Undurraga), **Journal of the European Economic Association**, January 2018, jvx042, <https://doi.org/10.1093/jeea/jvx042>
26. Books or Laptops? The Effects of Shifting From Printed to Digital Delivery of Educational Content on Learning, **Economics of Education Review**, 61, 2017, 162-173.
27. Are there Synergies from Combining Hygiene and Sanitation Promotion Campaigns: Evidence from a Large-Scale Cluster-Randomized Trial in Rural Tanzania, (with Bertha Briceno, Aidan Coville, and Sebastian Martinez), **PLoS ONE**, 2017, 12(11): e0186228. <https://doi.org/10.1371/journal.pone.0186228>
28. Shelter from the Storm: Upgrading Housing Infrastructure in Latin American Slums, (with Sebastian Galiani, Raimundo Undurraga, Ryan Cooper, Sebastian Martinez, and Adam Ross), **Journal of Urban Economics**, Volume 98, March 2017, Pages 187-213
29. Physician Ownership of Complementary Medical Services (with Brian Chen and Chun-Yuh Yang), **Journal of Public Economics**, Elsevier, Vol 144 (2016) 27-39. December 2016.
30. Investing in the Foundation of Sustainable Development: Pathways to Scale Up for Early Childhood Development (with L Richter, B Daelmans, J Lombardi, J Heymann, F Lopez Boo, J Behrman, C Lu, J Lucas, R Perez-Escamilla, T Dua, Z Bhutta, K Stenberg, and G Darmstadt), **The Lancet**, October 2016
31. The Demand for Energy using Assets Among the World's Rising Middle Classes (with Orié Shelef, Catherine Wolfram, and Alan Fuchs), **American Economic Review**, 2016, 106(6): 1366-1401
32. Promoting Handwashing Behavior: The Effects of Large-scale Community and School-level Interventions (with Sebastian Galiani, Nicolas Ajzenman, and Alexandra Orsola-Vidal), **Health Economics**, Volume 25, Issue 12, December 2016, Pages 1545-1559
33. Non-Contributory Pensions For the Poor (with Sebastian Galiani and Rosangela Bando), **Labour Economics**, Volume 38, January 2016, Pages 47-58

2011 – 2015

34. Contribution of air conditioning adoption to future energy use under global warming (with Lucas Davis), **Proceedings of the National Academy of Science**, May 12, 2015, 112(19), 5962-5967
35. Using provider performance incentives to increase HIV testing and counseling services in Rwanda, **Journal of Health Economics**, March 2015, 40(1), 1-9 (with Damien de Walque, Jeanine Condo and Christel Vermeesch)
36. Wealthy, healthy and wise: does money compensate for being born into difficult conditions?, **Applied Economic Letters**, 22(2), 121-126 (with Lia Fernald and James Manley)
37. Labor market returns to an early childhood stimulation intervention in Jamaica (with James Heckman, Rodrigo Pinto, Arianna Zanolini, Susan Walker, and Sally Grantham-McGregor), **Science**, May 2014, 344(6187), 998-1001
38. Cash for Coolers: The Impact of a Large-Scale Appliance Replacement Program on Energy Use,

American Economic Journal: Economic Policy 6(4), 207-238 (With Lucas Davis and Alan Fuchs)

39. The effect of India's total sanitation campaign on defecation behaviors and child health in rural Madhya Pradesh: a cluster randomized controlled trial, **PLOS Medicine**, PLoS Med 11(8): e1001709. doi: 10.1371/journal.pmed.1001709 (with Sumeet R. Patil, Benjamin F. Arnold, Alicia L. Salvatore, Bertha Briceno, Sandipan Ganguly, John M. Colford Jr.)
40. Financial Crisis and Productivity Evolution: Evidence from Indonesia, **World Economy**, 37(5), 706-731 (with Sharon L. Poczter and Alexander Rothenberg)
41. Cash and in-kind transfers lead to excess weight gain in a population of women with a high prevalence of overweight in rural Mexico, **Journal of Nutrition**, March 2013 143: 378-383 (with Jef Leroy and Paula Gaddason)
42. Willingness to accept reductions in HIV risks: conditional economic incentives in Mexico, **The European Journal of Health Economics**, February 2013 (with Omar Galárraga, Sandra G. Sosa-Rubí, César Infante and Stefano M. Bertozzi)
43. Optimal recall period for caregiver-reported illness in risk factor and intervention studies: a multicountry study, **American Journal of Epidemiology** (2013) 177 (4): 361-370 (with Ben Arnold, Bertha Briceno, Jack Colford, Sebastian Galinai, and Tom Hubbard)
44. Socio-economic gradients in child development in very young children: Evidence from India, Indonesia, Peru and Senegal, **Proceedings of the National Academy of Sciences** 2012 109 (Supplement 2) 17273-17280 (with Lia Fernald, Patricia Kariger, and Melissa Hidrobo)
45. Empowering Parents to Improve School Outcomes, **Journal of Development Economics**, Volume 99, Issue 1, September 2012, Pages 68-79 (with Harry Patrinos and Marta Rubio)
46. How Will the Demand for Energy Develop in the Developing World, **Journal of Economic Perspectives** Winter 2012, Vol. 26(1), pp. 119-138 (with Orié Shelef and Catherine Wolfram)
47. Investing Cash Transfers to Increase Long-Term Living Standards, **American Economic Journal: Applied Economics** January 2012 (with Sebastian Martinez and Marta Rubio)
48. Sex Work and Infection: What's Law Enforcement Got to Do With It?, **Journal of Law and Economics** Vol. 54, No. 4 (November 2011), pp. 811-840 (With Manisha Shah)
49. Effect on maternal and child health services in Rwanda of payment to primary health-care providers for performance: an impact evaluation, **The Lancet** April 2011; Vol. 377: pp. 1421-28 (with Paulin Basinga, Agnes Binagwaho, Agnes L B Soucat, Jennifer Sturdy, Christel M J Vermeersch)

2006 – 2010

50. Empowering women: how Mexico's conditional cash transfer programme raised prenatal care quality and birth weight, **Journal of Development Effectiveness**, 2010 Vol 2(1), pp. 6-50 (with Sarah Barber)
51. How Firm Capabilities Affect Who Benefits from Foreign Technology, **Journal of Development Economics**, Volume 90, Issue 2, November 2009, Pages 192-199 (with Garrick Blalock)
52. Does It Matter Who Your Buyer Is? The Role of Nonprofit "Mission" in the Market for Corporate Control of Hospitals, **Journal of Law and Economics** May 2009, Volume 52, Issue 2, Page 295-306, (with Jennifer Kuan)

53. Do Micro-Financial Institutions in Insuring Consumption Against Illness, **Health Economics** Volume 18, Issue 3, Date: March 2009, Pages: 257-273 (with David Levine & Enrico Morreti).
54. Housing, Health and Happiness, **American Economic Journal: Economic Policy** February 2009, Volume 1, Issue 1, pages 75-105 (with Matias Cattaneo, Sebastian Galiani and Sebastian Martinez and Rocio Titunik)
55. The Effect of Pre-Primary Education on Primary School Performance," **Journal of Public Economics** Volume 93, Issues 1-2, February 2009, Pages 219-234. (With Samuel Berlinski and Sebastian Galiani)
56. Ten-year impact of Oportunidades - Mexico's conditional cash transfer program on child growth, cognition, language and behavior" **The Lancet** December 12, 2009 Vol. 374 No. 9706 pp 1997-2005 (with Lia Fernald and Lynnette Nuefeld)
57. The effects of a conditional cash transfer program on the behavior problems of young children living in extreme poverty: a quasi-experimental evaluation of Mexico's Oportunidades intervention." **Pediatrics** 123; pp. 630-637 (2009) (with Emily Ozer, Lia Fernald, and James Manley, J.)
58. Health workers, quality of care, and child health: Simulating the relationships between increases in health staffing and child length" **Health Policy** Jul 2009 p.148-155, (with Sarah Barber).
59. Empowering Women to Obtain High Quality Care: Evidence from an evaluation of Mexico's conditional cash transfer program" **Health Policy and Planning** January 2009; 24: 18 - 25 (with Sarah Barber)
60. School Decentralization: Helping the Good Get Better But Leaving the Rest Behind" **Journal of Public Economics** (October 2008) Volume 92, Issues 10-11, Pages 2106-2120 (with Sebastian Galiani and Ernesto Shargrodsky)
61. Investment Under Liquidity Constraints During a Financial Crisis: The Role of Foreign Ownership" **Journal of Monetary Economics** April 2008, 55(3), 568-591 (with Garrick Blalock and David Levine)
62. Welfare Gains from Foreign Direct Investment through Technology Transfer to Local Suppliers" **Journal of International Economics** March 2008, 74(2), 402-421 (with Garrick Blalock)
63. Strategies that promote high quality care in Indonesia" **Health Policy**, Volume 88, Issues 2-3, December 2008, Pages 339-347 (with Sarah Barber).
64. Cash Component of Conditional Cash Transfer Program Is Associated with Higher Body Mass Index and Blood Pressure in Adults" **Journal of Nutrition** 2008 138: 2250-2257 (with Lia Fernald and Xiao Hui Hu).
65. The impact of Mexico's conditional cash transfer program, Oportunidades, on birth weight." **Tropical Medicine and International Health** Volume 13, Issue 11, Date: November 2008, Pages: 1405-1414 (with Sarah Barber)
66. The impact of conditional cash transfer programs on obesity and hypertension in Mexican adults" **Preventing Chronic Disease** 2008;5 (3). (with Lia Fernald and Xiaohui Hou)
67. How Important is Cash in Conditional Cash Transfers for Child Development" **Lancet** March 2008, 371: 828-837 (with Lia Fernald and Lynnette Nuefeld)
68. The Role of Financial Institutions in Insuring Consumption Against Illness in Indonesia" **CESifo**

Economic Studies 2007 (with David Levine and Enrico Morreti)

69. Strategies to avoid the loss of developmental potential I more than 200 million children in the developing world" **The Lancet** 2007; 369: 229-42 (with Patrice L Engle, Maureen M Black, Jere R Behrman, Meena Cabral de Mello, Lydia Kapiriri, Reynaldo Martorell, and Mary Eming Young)
70. Variations in prenatal care quality in rural Mexico." **Health Affairs** March 2007 (with Barber SL, Bertozzi S)
71. Differences in access to quality care in Indonesia: An analysis by clinic settings, regions, and household wealth." **Health Affairs** March 2007 (with Barber SL and Harimurti P)
72. The effect of a zero-growth policy in civil service recruitment on the quality of care in Indonesia." **Health Affairs** March 2007 (with Barber SL and Harimurti P)
73. Practice-Quality Variation in Five Low-Income Countries: A Conceptual Overview." **Health Affairs** March 2007 (with J Das)
74. Strategic Integration between Hospitals and Physicians." **Journal of Health Economics**, January 2006, Vol. 25(1), pp. 1-28 (with Alison Cuellar)
75. Did Industrialization Build or Destroy Social Networks in Indonesia?," **Economic Development and Cultural Change** January 2006 Vol. 52(2), pp. 287-317 (with Edward Miguel and David Levine)
76. Parallel deficits in linear growth and cognitive development in low-income Mexican infants in the second year of life" **Public Health Nutrition**. 9(2): 178-86 (2006), (with Fernald, L., Neufeld, L.N., Barton, L., Schnaas, L., and Rivera, J.)

2001 - 2005

77. Does Social Capital Promote Industrialization: Evidence from Indonesia," **Review of Economics and Statistics** November 2005 Vol. 87(4), (with Edward Miguel and David Levine)
78. Risky Business: The Market for Unprotected Commercial Sex". **Journal of Political Economy**, June 2005, Vol 113(3), pp 518-550, (with Manisha Shah and Stefano Bertozzi.)
79. Water for Life: The Impact of Water Supply Privatization on Child Mortality," **Journal of Political Economy** February 2005, Vol. 113(1), pp.83-120 (with Sebastian Galiani and Ernesto Shargrodsky)
80. How the Expansion of Hospital Systems has Affected Consumers," **Health Affairs**, February 2005 (with Alison Cuellar)
81. The Effect of an Internet Doctor-Patient Communication on Health Care Spending." 2005 **Health Information Technology** (with Lauren Baker, Jeff Rideout, Kristi Raube)
82. Depressive symptoms are associated with blunted salivary cortisol in very low income women" **Psychosomatic Medicine**. Mar-Apr; 67(2):211-6 (2005) (with Burke, H., Fernald, L.C., Gertler, P.J., and Adler, N.E.)
83. Exports and Productivity Revisited in a Low Income Setting." **Journal of Development Economics** December 2004, Vol. 75(2), pp. 397-416 (with Garrick Blalock)
84. Do Conditional Cash Transfers Improve Child Health? Evidence from PROGRESA's Control Randomized Experiment" **American Economic Review Papers and Proceedings**, May 2004, Vol. 94(2), pp. 336-341

85. Parental Death and Schooling in Indonesia." **Review of Economics and Statistics** February 2004, Vol 86(1), pp.211-225 (with David Levine and Minnie Aimes)
86. Regulation, Spatial Competition and Local Monopolies," **Journal of Regulatory Economics**, 2004 Vol. 25 pp. 115-142 (with James Anton)
87. High Prevalence of Obesity Even Among the Poor: Evidence from Mexico," *Journal of the American Medical Association* Vol. 291(21), 2004, pp. 2544-5, (with Lia Fernald, JP Gutierrez, L Nuefeld, S Bertozzi, and G Oliaz)
88. Trends in Hospital Consolidation: The Formation of Local Systems," **Health Affairs**, March 2004 (with Alison Cuellar)
89. Insuring Consumption against Illness in Indonesia." **American Economic Review**, March 2002, Vol. 92(1), pp.51-70 (with Jonathan Gruber)
90. Tenancy Reform, Contractual Change and Agricultural Productivity: An Economic Analysis of Operation Barga in West Bengal," **Journal of Political Economy** April 2002, pp.239-280 (with A Banerjee and M Ghatak)

1996 – 2000

91. The Allocation and Impact of Planning Program Inputs in Indonesia," **Population Development Review** 2000, Vol. 26 (Sup) pp. 61-88 (with J Molynueax)
92. On The Road to Social Health Insurance: The Asian Experience," **World Development**, 1998, Vol.26, No. 4, pp.717-732
93. The Impact of Prenatal Care Quality on Birth Outcomes," **Health Policy** 1998, Vol. 43, pp. 1-13 (with J Peabody and A. Leibowitz)
94. Private Health Insurance and Public Expenditures in Jamaica," **Journal of Econometrics**, Vol. 77, 1997, pp. 237-257 (with R Strum)
95. Are clinical criteria just proxies for socioeconomic status? A study of low birth weight in Jamaica" (with John Peabody), **Journal of Epidemiology and Community Health**, 1997, 51(1), 90-95

1991 – 1995

96. Moral Hazard and Risk Spreading in Medical Partnerships," **RAND Journal of Economics** Winter, 1995. (with M Gaynor)
97. How Economic Development and Family Planning Programs Combined to Reduce Indonesian Fertility," **Demography** Vol. 31, No.1, 1994, pp. 33-63 (with Gertler P and J Molynueax)
98. Family Productivity, Labor Supply and Welfare in Peru," **Journal of Human Resources**, Vol. 29, fall, 1994, pp. 989-1026 (with John Newman)
99. The Family and Intergenerational Relations," **Journal of Human Resources** Vol. 29, Fall, 1994 (with Lee Lillard)
100. Evaluating Social Sector Programs in Developing Countries," **World Bank Research Observer**, Vol. 9, No. 2, 1994, pp. 181-202 (with John Newman and Laura Rawlings)
101. The Impact of Maternal Health Improvement on Perinatal Survival" **International Journal of Health Planning and Management**, Vol. 9, 1994, pp. 131-149 (with Julia Walsh and Anthony Meashem)

102. Gender Differences in Adult Health: An International Comparison," **The Gerontologist**, Vol. 34., No. 4, 1994, 463-482 (with John Strauss)
103. Public and Private Delivery of Primary Health Care Services: A Comparison of Quality in Different Types of Facilities in Jamaica," **Pan American Health Bulletin**, Vol. 28, No. 2, 1994, pp. 122-141 (with J Peabody, K Fox, & D Ashley)
104. Gender and Life-Cycle Differentials in the Patterns and Determinants of Adult Health in Developing Countries," **Journal of Human Resources**, Vol. 28, No. 4, 1993, 791-837 (with Omar Rahman, Kristen Fox and John Strauss)
105. Determinants of Pregnancy Outcomes and Targeting of Maternal Health Services," **Social Science and Medicine**, Vol. 37, No. 2, 1993, pp. 199-211 (with Omar Rahman, Kristen Fox and Deana Ashley)
106. Quality Adjusted Cost Functions and Policy Evaluation in the Nursing Home Industry," **Journal of Political Economy**, Vol. 100, No. 6, December, 1992, pp. 1232-1256 (with Donald Waldman)
107. Medicaid and the Cost of Improving Access to Nursing Home Care," **The Review of Economics and Statistics**, Vol. 74, No. 2, May 1992, pp. 338-345.
108. The Willingness to Pay for Education for Daughters in Contrast to Sons," **The World Bank Economic Review**, Vol. 6, No. 1, 1992, pp. 171-188 (with Paul Glewwe)
109. Consumer Information and Biased Selection in the Demand for Insurance," **Social Science and Medicine**, Vol. 34, No. 9, 1992, pp. 1023-1034 (with Bruce Davidson and Shoshana Safer)
110. Relation Between Hospital Experiment and In-Hospital Mortality for Patients with AIDS-Related Pneumocystis carinii Pneumonia: Experience from 3,126 Cases in New York City in 1987, **Journal of Acquired Immune Deficiency Syndromes**, Vol. 5, 1992, pp. 856-864 (with Charles Bennet and John Adams)
111. Assessment of Measurement Error Bias for Estimating the Effect of Mental Distress on Income," **Journal of Human Resources**, Vol. 26, No. 1, 1991, pp. 154-164 (with Richard Frank)
112. Regulation and Quality with Heterogeneous Consumers," **Journal of Regulatory Economics**, Vol. 3, pp. 361-375, 1991 (with Robin Allen)
113. Resource Utilization Group System: Its Effects on Nursing Home Case-Mix and Cost," **Inquiry**, Vol. 28, No. 4, Winter 1991, pp. 357-365 (with Kenneth Thorpe)
114. Mental Health and Marital Stability," **International Journal of Law and Psychiatry**, Vol. 14, pp. 377-386, 1991 (with Richard Frank)
- 1986 - 1990**
115. The Willingness to Pay for Education in Developing Countries," **Journal of Public Economics**, Vol. 42, 1990, pp. 251-275 (with Paul Glewwe)
116. The Relation Between Resource Use and In-Hospital Mortality for Patients with AIDS-Related PCP," **Archives of Internal Medicine**, Vol. 150, 1990, pp. 1447-1452 (with Charles Bennett and John Adams)
117. A Comparison of Length of Stay and Costs for HMO and Fee-for-Service Patients," **Archives of Internal Medicine**, Vol. 149, 1990 (with Arnold Epstein)
118. Subsidies, Quality, and the Regulation of Nursing Homes," **Journal of Public Economics**, Vol.

- 38, 1989, pp. 33-52.
119. Medicaid, Mental Health & Poverty," **Inquiry**, Vol. 26, 1989, pp. 283-90 (with Richard Frank)
120. External Markets and Regulation," **Journal of Public Economics**, Vol. 33, 1988, pp. 214-235 (with James Anton)
121. A Latent-Variable Model of Quality Determination," **Journal of Business and Economic Statistics**, Vol. 6, No. 1, 1988, pp. 97-107
122. Cuotos a los Ussuarious de los Servicios de Salud en Peru," **Boletin de la Oficina Sanitaria Panamericana**, Vol. 103, 1987, pp. 635-655 (with Luis Locay and Warren Sanderson)
123. Are User Fees Regressive? The Welfare Implications of Health Care Financing Proposals in Peru," **Journal of Econometrics**, Vol. 36, 1987, pp. 67-88 (with Luis Locay & Warren Sanderson)
124. Non-Price Rationing and Medical Care Provider Choice in the Cote d'Ivoire," **Journal of Health Economics**, Vol. 6, 1987, pp. 291-304 (with Avi Dor and Jacques van der Gaag)

BOOKS:

1. **Impact Evaluation in Practice, Second Edition**, World Bank Press, 2016, Washington DC (with Sebastian Martinez, Patrick Premand, Laura Rawlings and Christel Vermeersch)
2. **Impact Evaluation in Practice**, World Bank Press, 2011, Washington DC (with Sebastian Martinez, Patrick Premand, Laura Rawlings and Christel Vermeesch)
3. **Health Policy in Asia: Options for Developing Countries**, New York: Cambridge University Press, 1999 (with J Peabody, O Rahman and J Mann)
4. **Willingness to Pay for Medical Care**, Johns Hopkins, Baltimore, 1990 (with J van der Gaag)

CHAPTERS IN BOOKS:

125. Conditional Cash Transfer Programs: Effects on Growth, Health, and Development in Young Children" forthcoming in *The Oxford Handbook of Poverty and Child Development*", edited by Valerie Maholmes and Rosalind King, Oxford University Press (with Lia Fernald and Melissa Hidrobo)**
126. Do Childhood Investments in Education and Nutrition Improve Adult Health in Indonesia?," in Chee-Ruey and Hu (ed) **The Economics of Health in Asia** 2002 Oxford University Press (with J Zeitlin)
127. Strategies for Pricing Public Health Care Services and Allocating Resources in Low Income Countries" in A Herrin and J Thomson (ed.s) **Health Sector Reform in Asia 2001** The University of the Philippines Press, Dilman
128. Insuring the Economic Costs of Illness in Developing Countries," forthcoming in N Lustig (ed) *Social Saftey Nets and Poverty* 2000 Brookings, Washington DC
129. Health", in M. Grosh and P. Glewwe (ed.d) *Designing Household Surveys for Developing Countries: Lessons from Ten Years of LSMS Experience*, 2000 New York : Oxford University Press (with E Rose and P Glewwe)
130. Will Viet Nam Grow Out of Malnutrition," in D. Dollar, L. Litavak and P. Glewwe (ed.s)

- Household Welfare and Vietnam's Transition 1998 (New York : Oxford University Press) pp.257-275 (with N. Ponce and P Glewwe)
131. Strategies for Pricing Publicly Delivered Health Care Services” in G. Scheiber (ed) Innovations in Health Care Finance Washington DC: World Bank Press 1998 (with J Hammer)
 132. Information and the Demand for Supplemental Medicare Insurance” in S. Jacobzone (ed) Advances in Health Economics Paris: INSEE. 1998 (with R. Strum and B Davidson)
 133. Access to Health Care During Transition: The Role of the Private Sector” in D. Dollar, L. Litvak and P. Glewwe (ed.s) Household Welfare and Vietnam's Transition 1998 (New York : Oxford University Press) pp.235-254 (with J Litvak)
 134. Family Resources and Gender Differences in Human Capital Investments” in L. Haddad, J. Hoddinott and H. Alderman (ed.s) Intra-household Resource Allocation in Developing Countries, Baltimore: Johns Hopkins Press 1997 (with H Alderman)
 135. Social Infrastructure and Urban Poverty “ in E. Pernia (ed) Urban Poverty in Asia Hong Kong: Oxford University Press, 1994 (with O Rahman)
 136. Maternal and Child Health Priorities” in D. Jamison and H. Mosley, (ed.s) Disease Control Priorities in Developing Countries, Oxford University Press, Oxford, 1993, 363-390 (with J Walsh and A Meashem)
 137. Payment Mechanisms and Episodes of Institutionalization” in David A. Wise (ed.), Topics in the Economics of Aging, U of Chicago Press, 1992, 271-274.
 138. Family Labor Supply in Rural Peru” in M. Nerlove (ed), Issues in Contemporary Economics, Macmillian Academic, London U.K., 1991 (with J Newman)
 139. Household Production of Health: A Microeconomic Perspective” in J. Cleland and A. G. Hill (eds), The Health Transition: Methods and Measures, Australia National University, Canberra, pp. 85-101, 1991 (with J DaVanzo)
 140. Quality and The Regulation of U.S. Nursing Homes” in G. Duru and J Poelinck (eds.) Econometrics of Health Care, Kluwer Academic Publishers, Netherlands, 1990, pp. 117-139.
 141. A Dominant Buyer in a Mixed Industry: The Role of Medicaid in the Long Term Care Industry” in J. van der Gaag and W. Needham (eds.), Essays in Health Economics, Preager, 1982 (with R Andreano).