

MARIA W. STEENLAND
Population Studies and Training Center
Brown University, Providence, RI
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Education

Doctor of Science – Department of Global Health and Population, Harvard TH Chan School of Public Health, Boston, MA, May 2018

Dissertation: *Examining the effect of supply and demand-side interventions to increase health service use*

Master in Public Health – Department of Epidemiology, University of Michigan School of Public Health, Ann Arbor, MI, May 2009

Thesis: *Cross sectional study of the effect of women's decision-making on skilled delivery assistance in Nigeria*

Bachelor of Arts – Latin American Studies and French, Emory University, Atlanta, GA, May 2006

Professional Appointment

Assistant Professor (Research)
Population Studies and Training Center
Brown University School of Public Health

Peer Reviewed Publications

Steenland MW, Kozhimannil KB, Werner EF, Daw JR. Health Care Use by Commercially Insured Postpartum and Nonpostpartum Women in the United States. *Obstet Gynecol.* 2021.

Steenland MW, Pace LE, Sinaiko AD, Cohen JL. Medicaid Payments For Immediate Postpartum Long-Acting Reversible Contraception: Evidence From South Carolina. *Health Aff (Millwood).* 2021;40(2):334-342.

Steenland MW, Short SE, Galarraga O. Association Between Rhode Island's Paid Family Leave Policy and Postpartum Care Use. *Obstet Gynecol.* 2021;137(4):728-730.

McConnell MA, Zhou RA, Martin MW, et al. Protocol for a randomized controlled trial evaluating the impact of the Nurse-Family Partnership's home visiting program in South Carolina on maternal and child health outcomes. *Trials.* 2020;21(1):997.

Steenland M, Dula J, de Albuquerque A, Fernandes Q, Cuco RM, Chicumbe S, et al. Effects of appointment scheduling on waiting time and utilisation of antenatal care in Mozambique. *BMJ Glob Health.* 2019;4(6):e001788.

Steenland MW, Pace LE, Sinaiko AD, Cohen JL. Association Between South Carolina Medicaid's Change in Payment for Immediate Postpartum Long-Acting Reversible Contraception and Birth Intervals. *JAMA.* 2019;322(1):76-8.

Gong E, Dula J, Alberto C, de Albuquerque A, **Steenland M**, Fernandes Q, et al. Client experiences with antenatal care waiting times in southern Mozambique. *BMC Health Services Research.* 2019;19(1):538.

Steenland M, Sinaiko A, Glynn A, Fitzgerald T, Cohen J. The effect of the Affordable Care Act on patient out-of-pocket cost and use of preventive cancer screenings in Massachusetts. *Preventive Medicine Reports.* 2019;15:100924.

Akachi Y, **Steenland M**, Fink G. Associations between key intervention coverage and child mortality: an analysis of 241 sub-national regions of sub-Saharan Africa. *International Journal of Epidemiology.* 2018;47(3):740-751.

Patrick M, **Steenland M**, Dismer A, et al. Assessment of Drinking Water Sold from Private Sector Kiosks in Post-Earthquake Port-au-Prince, Haiti. *The American Journal of Tropical Medicine and Hygiene.* 2017;97:84-91.

Steenland M, P. J. Robyn, P. Compaore, M. Kabore, B. Tapsoba, A. Zongo, O. D. Haidara, and G. Fink. 2017. Performance-based financing to increase utilization of maternal health services: Evidence from Burkina Faso. *Social Science and Medicine - Population Health*. 2017;3:179-84.

Lucien MA, Schaad N, **Steenland MW**, Mintz ED, Emmanuel R, Freeman N, Boncy J, Adrien P, Joseph GA, and Mark Katz. Identifying the most sensitive and specific sign and symptom combinations for cholera: results from an analysis of laboratory-based surveillance data from Haiti, 2012-2013. *The American Journal of Tropical Medicine and Hygiene*. 2015;92:758-64.

Derby KS, Lucien MA, Leshem E, **Steenland M**, Juin S, Joseph GA, and Mark Katz. Hospitalizations and deaths caused by diarrhea in children five years old and younger at four hospitals in Haiti, 2010-2012. *The American Journal of Tropical Medicine and Hygiene*. 2014;90:291-3.

Steenland M, Rodriguez M, Marchbanks P, Curtis K. How does the number of oral contraceptive pill packs dispensed or prescribed affect continuation and other measures of consistent and correct use?: A systematic review. *Contraception*, 2013 May; 87(5): 605-610.

Steenland, M, Mentor L, Gerard J, Freeman N, Hast M, Buteau J, Nygren B, Magloire R, Parashar U, Mintz E, Vertefeuille J, Balajee A, Boncy J, Katz M. Laboratory-Confirmed Cholera among Patients with Acute Diarrhea in Four Hospitals in Haiti, 2012. *The American Journal of Tropical Medicine and Hygiene*, 2013 Oct; 89(4): 641–646.

Steenland M, Zapata L, Brahmi D, Marchbanks P, Curtis K. The effect of follow-up visits or contacts after contraceptive initiation on method continuation and correct use. *Contraception*, 2013 May; 87(5): 605-610.

Tepper NK, **Steenland MW**, Gaffield ME, Marchbanks PA, Curtis KM. Retention of intrauterine devices in women who acquire pelvic inflammatory disease: a systematic review. *Contraception* 2013;87:655-60.

Tepper NK, **Steenland MW**, Marchbanks PA, Curtis KM. Laboratory screening prior to initiating contraception: a systematic review. *Contraception* 2013;87:645-9.

Tepper NK, **Steenland MW**, Marchbanks PA, Curtis KM. Hemoglobin measurement prior to initiating copper intrauterine devices: a systematic review. *Contraception* 2013;87:639-44.

Zapata LB, **Steenland MW**, Brahmi D, Marchbanks PA, Curtis KM. Effect of missed combined hormonal contraceptives on contraceptive effectiveness: a systematic review. *Contraception* 2013;87:685-700.

Zapata LB, **Steenland MW**, Brahmi D, Marchbanks PA, Curtis KM. Patient understanding of oral contraceptive pill instructions related to missed pills: a systematic review. *Contraception* 2013;87:674-84.

Barzilay E, Schaad N, Magloire R, Mung K, Boncy J, Dahourou G, Mintz E, **Steenland M**, Vertefeuille J, and Jordan W. Tappero. Cholera Surveillance during the Haiti Epidemic: The First 500 Days. *New England Journal of Medicine*, 2012 Feb; 368 (7): 599-609.

Steenland M, Tepper N, Curtis K, Kapp N. Intrauterine contraceptive insertion post-abortion: a systematic review. *Contraception*, 2011 Nov; 84(5):447-64.

Book Chapters and Working Papers

de Walque D, Robyn P, Hamdou S, Sorgho G and **Maria Steenland** (2017). Looking into the Performance-Based Financing Black Box: Evidence from an Impact Evaluation in the Health Sector in Cameroon. World Bank Policy Research Working Paper 8162.

Steenland M, Mbaruku G, Galea S. A Global Perspective on Disasters and their Consequences in the Urban Environment. In: David Vlahov D, Boufford I, Pearson CE, and Norris L, eds. *Urban Health: Global Perspectives*. New Jersey: Jossey-Bass, 2011.

Galea S, **Steenland M**. The Social Determinants of Mental Health. In: Cottler, L, eds. *Mental Health in Public Health*. New York: Oxford University Press, 2011.

Current Research Support

R03 NIH National Institute of Child Health and Human Development (Principal Investigator)

Postpartum factors affecting birth spacing and health outcomes (\$64,176)

K01 Agency for Healthcare Research and Quality (Principal Investigator, Mentored Researcher Award)

Postpartum factors affecting birth spacing and health outcomes (\$142,797)

Completed Research Support

Robert Wood Johnson Foundation Data for Action (co- Principal investigator), Postpartum health care in the United States: generating evidence to improve health in the “fourth trimester” with Jamie Daw (12-month access to Health Care Cost Initiative Data)

The National Institute for Health Care Management (NIHCM) Foundation (Principal Investigator), Improving postpartum health through increased insurance coverage after childbirth (\$57,595)

World Bank Strategic Impact Evaluation Fund (Co-Investigator), “Waiting Time, Wasted Time: Evaluating the impact of reduced facility waiting time on HIV treatment adherence” with Margaret McConnell and Sandra Sequeira (\$99,935)

International Growth Center (Co-Investigator), “Reducing Coordination Failures to Improve Adherence to HIV Treatment: A Management-level Intervention in Mozambique” with Margaret McConnell and Sandra Sequeira (\$66,372)

Weiss Family Program Fund (Principal investigator), “Examining peer-effects of water treatment practices to improve public health” with Michael Kremer, Edward Miguel, Sendhil Mullainathan, Clair Null and Alix Zwane (\$35,000)

Weiss Family Program Fund (Principal investigator), “Female voices, community choices: a randomized controlled trial to evaluate female-only Community Monitoring meetings” (\$20,000)

Foundations of Human Behavior (Principal investigator), “Closing the contraceptive Preference-Use gap using Medicaid payment reform” (\$2,825)

Teaching Experience

Teaching assistant, Econometrics for Health Policy: Harvard TH Chan School of Public Health, Professor Günther Fink (Fall 2016)

Invited Seminars

World Bank’s Development Impact Evaluation Group’s Seminar Series (2018). Waiting Time, Wasted Time: A study to investigate the effect of reduced waiting time on demand for antenatal care.

Brown University, Population Studies and Training Center Colloquia (2018). Effect of Increased Provider Payments for Provision of Immediate Postpartum Long-Acting Reversible Contraception: Evidence from South Carolina’s Medicaid Policy Change.

Harvard T.H. Chan School of Public Health, Willows Impact Evaluation Project Speaker Series (2019). Effect of Provider Payments for Immediate Postpartum Long-Acting Reversible Contraception: Evidence from South Carolina’s Medicaid Policy Change.

Work Experience

Consultant, World Bank, Development Research Group, June 2014 – June 2017

Research Assistant for the Global Fund working with Professor Günther Fink, Harvard TH Chan School of Public Health, Department of Global Health and Population, January 2014 – June 2016

Epidemiologist, Centers for Disease Control and Prevention, Division of Foodborne, Waterborne, and Environmental Diseases, Waterborne Disease Prevention Branch, July 2011 – July 2013

ASPH Reproductive Health Epidemiology Fellow, Centers for Disease Control and Prevention, Division of Reproductive Health, Women's Health and Fertility Branch, July 2009 – July 2011

Additional

Language skills: Fluent written and conversational French and Spanish, basic conversational Haitian Kreyol

Statistical programming skills: Proficient in SAS, SPSS, Stata and R