

MARIA W. STEENLAND
Population Studies and Training Center
Brown University, Providence, RI
maria_steenland@brown.edu

Education

Doctor of Science – Department of Global Health and Population (Economics track), 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

Academic Appointments

May 2020 – present Assistant Professor (Research), Population Studies and Training Center, Brown University

Jul 2018 – Apr 2020 Postdoctoral Fellow, Population Studies and Training Center Brown University

Peer Reviewed Publications

1. Rodriguez MI, Lin SC, **Steenland MW**, McConnell KJ. Examining the association between 12 month contraceptive supply state policies and quantity of contraceptives dispensed. Accepted by JAMA Health Forum. December 16, 2021.
2. **Steenland MW**, Rodriguez, MI, Cohen, JL. Steenland MW, Rodriguez MI, Cohen JL. Changes in the Supply Duration of Combined Oral Contraception During the Coronavirus Disease 2019 (COVID-19) Pandemic. *Obstet Gynecol.* 2022 Feb 3. doi: 10.1097/AOG.0000000000004685. Epub ahead of print. PMID: 35115432.
3. **Steenland MW**, Pace LE, Cohen JL. Association of Medicaid Reimbursement for Immediate Postpartum Long-acting Reversible Contraception with Infant Birth Outcomes. *JAMA Pediatr.* Jan 10 2022;doi:10.1001/jamapediatrics.2021.5688
4. **Steenland MW**, Wilson IB, Matteson KA, Trivedi AN. Association of Medicaid Expansion in Arkansas With Postpartum Coverage, Outpatient Care, and Racial Disparities. *JAMA Health Forum.* 2021;2(12):e214167-e214167. doi:10.1001/jamahealthforum.2021.4167
5. **Steenland MW**, Geiger CK, Chen L, Rokicki S, Gourevitch RA, Sinaiko AD, Cohen JL. Declines in Contraceptive Visits in the United States during the COVID-19 Pandemic. *Contraception.* 2021 Aug 14: 104(6):593-599.
6. de Walque D, Robyn PJ, Saidou H, Sorgho G, **Steenland M**. Looking into the performance-based financing black box: evidence from an impact evaluation in the health sector in Cameroon. *Health Policy Plan.* 2021 Jun 25;36(6):835-847.
7. **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 May 1;137(5):782-790.
8. **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.

9. **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.
10. McConnell MA, Zhou RA, Martin MW, Gourevitch RA, **Steenland M**, Bates MA, Zera C, Hacker M, Chien A, Baicker K. 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 Dec 4;21(1):997.
11. **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.
12. **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.
13. 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.
14. **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.
15. 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.
16. Patrick M, **Steenland M**, Dismar 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.
17. **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.
18. 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.
19. 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.
20. **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.
21. **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.
22. **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.
23. 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.

24. Tepper NK, **Steenland MW**, Marchbanks PA, Curtis KM. Laboratory screening prior to initiating contraception: a systematic review. *Contraception* 2013;87:645-9.
25. Tepper NK, **Steenland MW**, Marchbanks PA, Curtis KM. Hemoglobin measurement prior to initiating copper intrauterine devices: a systematic review. *Contraception* 2013;87:639-44.
26. 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.
27. 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.
28. Barzilay E, Schaad N, Magloire R, Mung K, Boney 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.
29. **Steenland M**, Tepper N, Curtis K, Kapp N. Intrauterine contraceptive insertion post-abortion: a systematic review. *Contraception*, 2011 Nov; 84(5):447-64.

Peer Reviewed Journal Articles Submitted and Under Review

Erica L Eliason, Spishak-Thomas A, **Steenland MW**. Association of the Affordable Care Act Medicaid Expansions with Postpartum Contraceptive Use and Early Postpartum Pregnancy. Under review at *Contraception*.

Erica L Eliason, **Steenland MW**. Changes in postpartum insurance churn during the COVID-19 pandemic. Under review at *JAMA Health Forum*.

Rokicki S, **Steenland MW**, Geiger CK, Gourevitch RA, Chen L, Martin MW, Cohen JL. Trends in mental health utilization for perinatal individuals before and after COVID-19. Under review at *Health Services Research*.

Current Research Support

May 2020 – Apr 2022 R03 NIH National Institute of Child Health and Human Development (\$104,286)
Principal Investigator
Postpartum factors affecting birth spacing and health outcomes

Oct 2020 – Sep 2025 K01 Agency for Healthcare Research and Quality (\$142,797)
Principal Investigator, Mentored Researcher Award
Postpartum factors affecting birth spacing and health outcomes

Grants Submitted and Under Review

Jan 2022 – Dec 2023 R21 NIH National Institute of Child Health and Human Development (\$224,048)
Principal Investigator
Postpartum health care receipt among immigrant women in the United States
Impact score 13/Percentile 2

Completed Research Support

Jan 2020 – Jun 2021 The National Institute for Health Care Management (NIHCM) Foundation (\$57,595)
Principal Investigator
Improving postpartum health through increased insurance coverage after childbirth

Sep 2019 – May 2021 Robert Wood Johnson Foundation Data for Action

co-Principal investigator with Jamie Daw
Postpartum health care in the United States: generating evidence to improve health in the
“fourth trimester”
12-month access to Health Care Cost Initiative Data

Aug 2018 – Dec 2019 World Bank Strategic Impact Evaluation Fund (\$99,935)
Co-Investigator with Margaret McConnell and Sandra Sequeira
Waiting Time, Wasted Time: Evaluating the impact of reduced facility waiting time on
HIV treatment adherence

Dec 2017 – Dec 2017 Weiss Family Program Fund (\$20,000)
Principal investigator
“Female voices, community choices: a randomized controlled trial to evaluate female-
only Community Monitoring meetings”

Teaching Experience

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

Podium presentations

- 2021** “Postpartum Health Care in the United States: Generating Evidence to Improve Health in the
Fourth Trimester.” **AcademyHealth National Health Policy Conference**. Virtual.
- “Effect of Payment for Immediate Postpartum Long-Acting Reversible Contraception on Infant
Health.” Presented virtually at the **AcademyHealth Annual Research Meeting** and the **Annual
Conference of the American Society of Health Economists**.
- “Effect of Medicaid Expansion on Postpartum Coverage and Outpatient Care in Arkansas.”
Annual Conference of the American Society of Health Economists. Virtual.
- 2019** “Effect of Increased Provider Payments for Provision of Immediate Postpartum Long-Acting
Reversible Contraception: Evidence From South Carolina’s Medicaid Policy Change.” Presented
at **AcademyHealth Annual Research Meeting**, the **Annual Conference of the American
Society of Health Economists**, and the **Population Association of America Annual Meeting**.

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.

Additional

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