

**MARIA W. STEENLAND**  
Population Studies and Training Center  
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## Education

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**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

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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

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1. **Steenland MW**, Fabi RE, Bellerose M, Desir A, White MS, Wherry LR. State Public Insurance Coverage Policies and Postpartum Care Among Immigrants. *JAMA*. 2023 Jul 18;330(3):238-246. doi: 10.1001/jama.2023.10249. PMC10354679.
2. Daw JR, Joyce NR, Werner EF, Kozhimannil KB, **Steenland MW**. Variation in Outpatient Postpartum Care Use in the United States: A Latent Class Analysis. *Womens Health Issues*. 2023 Jun 8:S1049-3867(23)00100-7. doi: 10.1016/j.whi.2023.05.001
3. Eliason E, Admon LK, **Steenland MW**, Daw JR. Late Postpartum Coverage Loss Before COVID-19: Implications For Medicaid Unwinding. *Health Aff (Millwood)*. 2023 Jul;42(7):966-972. doi: 10.1377/hlthaff.2022.01659.
4. Eliason EL, Thoma ME, **Steenland MW**. Differences in Use of Fertility Treatment Between People With Medicaid and Private Health Insurance Coverage in the United States. *Womens Health Issues*. 2023 Jul-Aug;33(4):367-373. doi: 10.1016/j.whi.2023.03.003.
5. **Steenland MW**, Trivedi AN. Association of Medicaid Expansion With Postpartum Depression Treatment in Arkansas. *JAMA Health Forum*. 2023 Feb 3;4(2):e225603. doi: 10.1001/jamahealthforum.2022.5603.
6. Bellerose M, **Steenland MW**. Association Between the Coronavirus Disease 2019 (COVID-19) Pandemic and National Disparities in Postpartum Visit Attendance. *Obstet Gynecol*. 2023 Jan 1;141(1):170-172. doi: 10.1097/AOG.0000000000005014.
7. **Steenland MW**, Wherry LR. Medicaid Expansion Led To Reductions In Postpartum Hospitalizations. *Health Aff (Millwood)*. 2023 Jan;42(1):18-25. doi: 10.1377/hlthaff.2022.00819.
8. Eliason EL, **Steenland MW**. Association of New York State's Marketplace Special Enrollment Period for Pregnancy With Prenatal Insurance Coverage. *JAMA Health Forum*. 2023 Jan 6;4(1):e224907. doi: 10.1001/jamahealthforum.2022.4907.
9. Eliason EL, **Steenland MW**, Daw JR. Perinatal Care Changes During COVID-19: A Population-Based Analysis by Race/Ethnicity. *Am J Prev Med*. 2022 Nov 7:S0749-3797(22)00499-8. doi: 10.1016/j.amepre.2022.09.027.

10. **Steenland MW**, Vatsa R, Pace LE, Cohen JL. Immediate Postpartum Long-Acting Reversible Contraceptive Use Following State-Specific Changes in Hospital Medicaid Reimbursement. *JAMA Netw Open*. 2022 Oct 3;5(10):e2237918.
11. Rokicki S, **Steenland MW**, Geiger CK, Gourevitch RA, Chen L, Martin MW, Cohen JL. Trends in postpartum mental health care before and during COVID-19. *Health Serv Res*. 2022 Dec;57(6):1342-1347.
12. Eliason EL, Daw JR, **Steenland MW**. Changes in Postpartum Insurance Coverage in the US During the COVID-19 Pandemic. *JAMA Health Forum*. 2022;3(4):e220688.
13. Eliason EL, Spishak-Thomas A, **Steenland MW**. Association of the Affordable Care Act Medicaid expansions with postpartum contraceptive use and early postpartum pregnancy. *Contraception*. 2022 Mar 5:S0010-7824(22)00060-9.
14. Rodriguez MI, Lin SC, **Steenland M**, McConnell KJ. Association Between Oregon's 12-Month Contraceptive Supply Policy and Quantity of Contraceptives Dispensed. *JAMA Health Forum*. 2022;3(2):e215146.
15. **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 Mar 1;139(3):455-457.
16. **Steenland MW**, Pace LE, Cohen JL. Association of Medicaid Reimbursement for Immediate Postpartum Long-acting Reversible Contraception With Infant Birth Outcomes. *JAMA Pediatr*. 2022 Mar 1;176(3):296-303.
17. **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.
18. **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.
19. 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.
20. **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.
21. **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.
22. **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.
23. 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.
24. **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.

25. **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.
26. 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.
27. **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.
28. 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.
29. 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.
30. **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.
31. 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.
32. 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.
33. **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.
34. **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.
35. **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.
36. 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.
37. Tepper NK, **Steenland MW**, Marchbanks PA, Curtis KM. Laboratory screening prior to initiating contraception: a systematic review. *Contraception* 2013;87:645-9.
38. Tepper NK, **Steenland MW**, Marchbanks PA, Curtis KM. Hemoglobin measurement prior to initiating copper intrauterine devices: a systematic review. *Contraception* 2013;87:639-44.
39. 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.
40. 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.

41. 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.
42. **Steenland M**, Tepper N, Curtis K, Kapp N. Intrauterine contraceptive insertion post-abortion: a systematic review. *Contraception*, 2011 Nov; 84(5):447-64.

### **Under Review:**

**Steenland MW**, Daw JR. "Perinatal Health Insurance and Health Care Use by Immigration Status." Under review at the *New England Journal of Medicine*.

Bellerose M, Daw JR, **Steenland MW**. "Medicaid claims likely undercount postpartum care use: Differences in self-reported and billed postpartum visits." Under review at *JAMA Health Forum*.

Speller A, Cohen JL, **Steenland MW** "Association between New York's Paid Family Leave Policy and Use of Paid Leave After Childbirth." Under review at the *American Journal of Public Health*.

### **Current Research Support**

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**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

**Oct 2020 to Sep 2025** K01 Agency for Healthcare Research and Quality (\$142,797)  
Principal Investigator, Mentored Researcher Award  
Reducing Postpartum Health Care Disparities through Increased Insurance Coverage after Childbirth

**Apr 2023 to Mar 2024** Advance-CTR Pilot Project Award (\$107,265)  
Principal Investigator  
Co-Investigators: Melissa Clark and Adam Lewkowitz  
Evaluating access to LARC removal services among Medicaid-covered postpartum women

### **Completed Research Support**

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**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

**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

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

### Podium presentations

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- 2023** “Effect of Oregon’s Policy Change to Cover Postpartum Services for Undocumented Immigrants on Postpartum Contraceptive Use.” *Annual Conference of the American Society of Health Economists*. In Person.
- 2022** “Effect of Medicaid Expansion on Postpartum Coverage and Outpatient Care in Arkansas.” *Association for Public Policy Analysis & Management Annual Conference*. In Person.
- “Association between State Public Coverage of Postpartum Services for Immigrant Women and Disparities in Postpartum Service Receipt between Postpartum Immigrant and Non-Immigrant Individuals.” *Academy Health Annual Research Meeting*. In-person.
- “Medicaid Expansions and Postpartum Maternal Health and Health Care Utilization: New Evidence from Longitudinal Hospital Data.” *Annual Conference of the American Society of Health Economists*. In-person.
- 2021** “Postpartum Health Care in the United States: Generating Evidence to Improve Health in the Fourth Trimester.” *Academy Health National Health Policy Conference*. Virtual.
- “Effect of Payment for Immediate Postpartum Long-Acting Reversible Contraception on Infant Health”.” Presented virtually at the *Academy Health 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 *Academy Health Annual Research Meeting*, the *Annual Conference of the American Society of Health Economists*, and the *Population Association of America Annual Meeting*.

### Invited Seminars

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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.

### **Service Activities**

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Brown University Grant Review

- PSTC pilot grants (Spring 2023)
- Salomon Research Awards (Spring 2023)
- Nora Kahn Piore Award (Spring 2023)

**Journal Manuscript Review** for *Health Affairs*, *Contraception*, *Journal of Women's Health*, *Obstetrics and Gynecology*, *Medical Care*, *JAMA*, *Social Science and Medicine*, *Journal of Public Economics*, *Women's Health*, *JAMA Network Open*, *American Journal of Public Health*

### **Mentorship and Training**

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#### **Master's Theses:**

Arielle Desir, MPH 2023 – Primary Advisor “Preconception Health Care Receipt and Insurance among Immigrant Women in the United States”

#### **Doctoral Thesis Committee:**

Amanda Speller, PhD candidate (expected completion Fall 2023), Harvard PhD Program in Health Policy

#### **Faculty Mentor:**

Meghan Bellerose, PhD student, Department of Health Services Policy and Practice, Brown University School of Public Health, Fall 2022 – present

Raj Vatsa, PhD candidate, Harvard PhD Program in Health Policy, Harvard University, Fall 2021 – present

#### **Postdoctoral Mentor:**

Erica Eliason, Department of Health Services Policy and Practice, Brown University School of Public Health, Fall 2022 – present

### **Additional**

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