

MEGHAN BELLEROSE

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I. EDUCATION

- 2021 – **Brown University School of Public Health, Providence, MA**
PhD in Health Services Research
Dissertation: The impact of Medicare and Medicaid policies on reproductive healthcare use among women with disabilities
- 2019 – 2021 **Columbia University Mailman School of Public Health, New York, NY**
Master of Public Health
Certificate in Public Health Research Methods
Thesis: The effect of the ACA Medicaid expansion on perinatal insurance, healthcare use, and health outcomes: a systematic review.
- 2013 – 2017 **Bowdoin College, Brunswick, ME**
Bachelor of Arts
Majors: Biochemistry, Sociology
Thesis: Poverty ends with a 12 year old girl: empowerment and the contradictions of international development

II. RESEARCH APPOINTMENTS

- 5/2022 – 8/2024 **PhD Research Assistant**, Brown University School of Public Health
- Evaluated the impact of policy changes on perinatal healthcare use among immigrants to the United States (PI: Maria W. Steenland)
 - Examined whether survey-based health measures could be used to improve risk-adjustment in Medicare Advantage (PI: David J. Meyers)
- 5/2020 – 8/2020 **Summer Researcher**, Poverty, Gender, and Youth Program, Population Council
- Led an analysis of the educational plans and health outcomes of adolescent girls' living in informal settlements in Nairobi, Kenya during the COVID-19 pandemic
 - Collaborated with White Ribbon Alliance leaders to share the results of the What Women Want Campaign, which asked over a million women worldwide to share their top reproductive health demand
- 11/2019 – 8/2021 **MPH Research Assistant**, Columbia University School of Nursing
- Designed and executed quantitative and qualitative studies focused on health among criminal justice involved populations (PI: Tawandra Rowell Cunsolo)
- 6/2017 – 6/2019 **Full-Time Research Assistant**, Harvard T.H. Chan School of Public Health
- Contributed to mathematical modeling studies conducted by the Prevention Policy Modeling Lab (PI: Joshua Salomon)

III. TEACHING

- 9/2023 – 12/2023 **Medicare: A Data-Based Policy Examination – TA**, Brown University School of Public Health
- Teaching assistant for a PhD-level course on the role of Medicare as America's health insurance provider for the elderly and people with disabilities. Led a weekly two-hour lab on use of Medicaid claims data for policy analysis.

- 10/2022 – 5/2023 **Programming Tutor**, Brown University School of Public Health
 - One-on-one tutor in Stata programming language.
- 9/2022 – 12/2022 **US Healthcare System – TA**, Brown University School of Public Health
 - Teaching assistant for 400-person undergraduate level course on the U.S. Healthcare System. Led two sections of 25 students through case studies on course material.
- 7/2022 , 8/2023 **Stata Coding Camp – Lead instructor**, Brown University School of Public Health
 - Co-taught annual two-week intensive course on fundamentals of coding in Stata for incoming Health Services Research PhD students.

IV. HONORS AND AWARDS

- 2024 - 2025 **NICHD T32 Individual Pre-doctoral Fellowship**, Brown University
- 2023 **Delta Omega Epsilon Chapter for Achievement in Public Health**, Brown University
- 2022 **Nora Kahn Piore Award**, Brown University
 Project: *Differences in self-reported and billed postpartum visit attendance among Medicaid-insured women in South Carolina*
 Role: Lead Investigator
 Total received: \$3,000
 Project timeline: 5/2022 – 5/2023
- 2017 **Spirit of Service Award**, McKeen Center for Service, Bowdoin College
- 2017 **David I. Kertzer Prize for Best Senior Paper in the Department of Sociology**, Bowdoin College
- 2017 **Colonel Edward A. Ryan Award for Leadership in Track and Field**, Bowdoin College
- 2017 **Sarah and James Bowdoin Scholar**, Bowdoin College
- 2014 - 2017 **9-time NESCAC All-Academic Team (Track and Field / Cross Country)**, Bowdoin College

V. SERVICE

University

- 2021 - 2022 **Graduate Student Council Representative**, Brown University

Reviewer (Ad-hoc)

- 2024 JAMA Network Open
 2024 Health Affairs
 2024 Population Health Management
 2022 - 2024 Obstetrics & Gynecology
 2022 , 2023 The Lancet
 2022 , 2023 Comparative Effectiveness Research
 2022 Preventive Medicine

VI. ORAL AND POSTER PRESENTATIONS

1. **Bellerose, M.**, James, H., Shroff, J., Ryan, A.M, Meyers, D.J. (July 1, 2024). Use of health surveys to improve risk adjustment in Medicare Advantage. Poster at Academy Health Annual Research Meeting. Baltimore, Maryland.
2. **Bellerose, M.**, Steenland, M. (June 26, 2023). Medicaid claims may undercount postpartum care use. Podium presentation at Academy Health Annual Research Meeting. Seattle, Washington.
3. **Bellerose, M.**, Steenland, M. (April 15, 2023). Differences in self-reported and billed postpartum visit attendance among Medicaid-insured women in South Carolina. Podium presentation at Population Association of America. New Orleans, Louisiana.
4. **Bellerose, M.**, Vivier, P.M. (June 5, 2022). Maternal characteristics, birth outcomes, and dual enrollment patterns of Medicare beneficiaries with disabilities. Poster at Academy Health Annual Research Meeting. Washington, D.C.

VII. PUBLICATIONS

Peer Reviewed Articles

1. **Bellerose, M.**, James, H., Shroff, J., Ryan, A.M, Meyers, D.J. (2024). Combining survey data with diagnostic coding improves prediction of healthcare utilization. *Under Review*.
2. Ellison, J, Pudasainy, S., **Bellerose, M.**, Quinn, D., Borrero, S., Olsen, I., Chen, Q., Shireman, T., Jarlenski, M. (2024). Contraceptive use among Traditional Medicare and Medicare Advantage enrollees. *Health Affairs*. 43(1).
3. Eliason, E. L., **Bellerose, M.** (2024). Changes in postpartum insurance and care use by disability status during the COVID-19 pandemic. *Disability and Health Journal*.
4. **Bellerose, M.**, Daw, J., Steenland, M. (2023). Differences in self-reported and billed postpartum visit attendance among Medicaid-insured women. *JAMA Network Open*. 6(12), e2349457-e2349457.
5. **Bellerose, M.**, Steenland, M. W. (2023). Association between the coronavirus disease 2019 (COVID-19) pandemic and national disparities in postpartum visit attendance. *Obstetrics & Gynecology*. 141(1), 170-172.
6. Steenland, M.W., Fabi, R.E., **Bellerose, M.**, Desir, A., White, M., Wherry, L.R. (2023). State public insurance coverage policies and postpartum care among immigrants. *JAMA*. 330(3), 238-246.
7. **Bellerose, M.**, Collin, L., Daw, J. (2022). The effect of the ACA Medicaid expansion on perinatal insurance, health care use, and health outcomes: a systematic review. *Health Affairs*. 41(1), 60-68.
8. **Bellerose, M.**, Rodriguez, M., Vivier, P.M. (2022). A systematic review of the qualitative literature on barriers to high-quality prenatal and postpartum care among low-income women. *Health Services Research*. 57(1), 775-785.
9. **Bellerose, M.**, Gogoi, A., Rauf, R., Sacks, E. (2022). Deterministic, Not Tokenistic: placing women's demands at the center of health policies and programs. *Sexual and Reproductive Health Matters*, 29(2), 2102593.
10. Rowell-Cunsolo, T. L., **Bellerose, M.**, & Haile, R. (2022). Hazards of anti-Blackness in the United States. *International journal of social welfare*, 31(4), 520-528.
11. Mendy, V.L., Rowell-Cunsolo, T., **Bellerose, M.**, Vargas, R., Enkhmaa, B., Zhang, L. (2022). Cardiovascular disease mortality in Mississippi, 2000-2018. *Preventing Chronic Disease*. 19: 210385.

12. Staadegaard, L., Rönn, M.M., Soni, N., **Bellerose, M.**, Bloem, P., Brisson, M., Maheu-Giroux, M., Barnabas, R.V., Drolet, M., Mavaud, P., Dalal, S., Boily, M. (2022). Immunogenicity, safety, and efficacy of the HPV vaccines among people living with HIV: A Systematic Review and Meta-analysis. *The Lancet Oncology*.
13. Li, Y., Rönn, M.M., Tuite, A.R., Chesson, H.W., Gift, T.L., Trikalinos, T.A., **Bellerose, M.**, Hsu, K., Berruti, A.A., Malyuta, Y., Salomon, J.A. (2022). Estimated costs and quality-adjusted life-years lost due to N. gonorrhoeae infections acquired in 2015 in the United States: A modelling study of overall burden and disparities by age, race/ethnicity, and other factors. *The Lancet Regional Health-Americas*, 16, 100364.
14. **Bellerose, M.**, Yilin, D., Rowell-Cunsolo, T.L. (2021). Assessing the relationship between history of arrest and self-reported cardiovascular conditions. *American Journal of Hypertension*.
15. **Bellerose, M.**, Awoonor-Williams, K., Alva, S., Magalona, S., Sacks, E. (2021). "Let me move to another level": career advancement desires and opportunities for community health nurses in Ghana. *Global Health Promotion*.
16. **Bellerose, M.**, Alva, S., Magalona, S., Awoonor-Williams, K., Sacks, E. (2021). Supervision of community health nurses in Ghana: A mixed-methods study on experiences and expectations for improved performance. *Health Policy and Planning*. 36(5), 720-727.
17. Rowell-Cunsolo, T.L., Haile, R.F., **Bellerose, M.**, Wechsberg, W. (2021). "I said maybe we should use a condom, and then that just went south": Exploring condomless sex among formerly incarcerated Black men in New York City, USA. *Journal of Sex Research*.
18. Rowell-Cunsolo, T.L., **Bellerose, M.**, Hart, C. (2021). Access to harm reduction treatment among formerly incarcerated individuals during the COVID era. *Health Security*.
19. McQuaid, F.C., Clarkson, M., **Bellerose, M.**, BRR Development Group, Floyd, K., White, R.G., Menzies, N.M. (2021). A new approach to improve the quality of mathematical modelling used for country-level TB decision-making development and piloting. *The International Journal of Tuberculosis and Lung Disease*. 25(8), 614-619.
20. Rowell-Cunsolo, T.L., Hu, G., **Bellerose, M.**, Liu, J., Larson, E. (2021). Trends in comorbidities among human immunodeficiency virus-infected hospital admissions in New York City. *Clinical Infectious Diseases*.
21. Rowell-Cunsolo, T.L., **Bellerose, M.** (2021). Utilization of substance use treatment among adolescent and adult criminal justice involved individuals in the United States. Accepted at *Journal of Substance Abuse Treatment*.
22. Mendy, V., Rowell-Cunsolo, T.L., **Bellerose, M.**, Vargas, R., Zhang, L., Byambaa, E. (2021). Temporal trends in hypertension death rate in Mississippi, 2000-2018. *American Journal of Hypertension*.
23. Earnest, R., Rönn, M., Zhu, L., Hsu, K., Chesson, H., Gift, T., **Bellerose, M.**, Testa, C., Menzies, N.A., Malyuta, Y., Berruti, A., Menon-Johansson, A.S., Salomon, J.A. (2021). Modeling the cost-effectiveness of express multi-site gonorrhea screening among men who have sex with men in the United States. *Sexually Transmitted Diseases*.
24. **Bellerose, M.**, Diaw, M., Pinchoff, J., Kangwana, B., Austrian, K. (2020). Pre-pandemic influences on girls' transitions to adulthood during COVID-19. *Girlhood Studies*, 13(3), 113-150.
25. Menzies, N.A., **Bellerose, M.**, Testa, C., Swartwood, N., Malyuta, Y., Cohen, T., Marks, S.M., Hill, A.N., Date A.A., Maloney S.A., Bowden, S.E., Grills, A.W., Salomon, J.A. (2020). Impact of effective global tuberculosis control on health and economic outcomes in the United States. *American Journal of Respiratory and Critical Care Medicine*, 202(11), 1567-1575.
26. Rönn, M., Dunville, R., Wang, L.Y., **Bellerose, M.**, Malyuta, Y., Menzies, N.A., Aslam, M., Lewis, F., Walker-Baban,

- C., Asbel, L., Parchem, S., Masinter, L., Perez, E., Gift, T., Hsu, K., Barrios, L., Salomon, J.A. (2020). Mathematical modeling study of school-based chlamydia screening: potential impact on chlamydia prevalence in intervention schools and surrounding communities. *BMC Public Health*, 20(1), 1-9.
27. Tuite, A.R., Testa, C., Rönn, M., **Bellerose, M.**, Gift, T., Fridge, J., Molotnikov, L., Desmarais, C., Berruti, A., Menzies, N.A., Malyuta, Y., Hsu, K., Salomon, J.A. (2020). Exploring how epidemic context influences syphilis screening impact: a mathematical modeling study. *Sexually Transmitted Diseases*, 47(12), 798-810.
 28. Earnest, R., Rönn, M., Zhu, L., Hsu, K., Chesson, H., Gift, T., Trikalinos, T.A., **Bellerose, M.**, Testa, C., Menzies, N.A., Malyuta, Y., Salomon, J.A. (2020). Population-level benefits of extragenital gonorrhea screening among men who have sex with men: an exploratory modeling analysis. *Sexually Transmitted Diseases*, 47(7), 484-490.
 29. **Bellerose, M.**, Zhu, L., Hagan, L.M., Thompson, W.W., Randall, L.M., Malyuta, Y., Salomon, J.A., Linas, B.P. (2019). A review of network simulation models of hepatitis C and HIV among people who inject drugs. *International Journal of Drug Policy*.
 30. Rönn, M., Testa, C., Tuite, A., Chesson, H., Gift, T., Shumacher, C., Lee, S., Zhu, L., **Bellerose, M.**, Earnest, R., Malyuta, Y., Trang, N., Robert, K., Hsu, K., Salomon, J.A., Menzies, N.A. (2019). The potential population-level impact of different gonorrhea screening strategies in Baltimore and San Francisco: an exploratory mathematical modeling analysis. *Sexually Transmitted Diseases*, 47(3), 143-150.
 31. Rönn, M., Menzies, N.A., Gift, T., Chesson, H., Trikalinos, T.A., **Bellerose, M.**, Malyuta, Y., Berruti, A., Gaydos, C., Hsu, K., Salomon, J.A. (2019). Potential for point-of-care tests to reduce chlamydia associated burden in the United States: a mathematical modeling analysis. *Clinical Infectious Diseases*, 70(9), 1816-1823.
 32. Menzies, N.A., Wolf, E., Connors, D., **Bellerose, M.**, Sbara, A.N., Cohen, T., Hill, A.N., Yaesoubi, R., Galer, K., White, P.J., Abubaker, I., Salomon, J.A. (2018). Progression from latent infection to active disease in dynamic tuberculosis transmission models: a systematic review of the validity of modeling assumptions. *Lancet Infectious Diseases*, 18(8), 228-238.

Invited Commentaries

1. **Bellerose, M.** (2024). Default scheduling of pregnancy-to-primary care appointments. *JAMA Network Open*.