

CONTACT

Department of Family and Preventive Medicine
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EDUCATION**University of Wisconsin-Madison**

PhD, Population Health Sciences, 2021
Dissertation: Sibling spillover effects: method and applications
Committee: Deborah Ehrenthal (co-chair), Felix Elwert (co-chair, Sociology), John Mullahy, Paul Peppard

Dartmouth College

MS, Healthcare Research, 2015

College of Wooster

BA, Communication Studies, Economics, 2013 (*cum laude*)

EMPLOYMENT**Rush University**

Assistant Professor, Department of Family and Preventive Medicine, 2025-Present

University of Wisconsin-Madison

HRSA T32 Postdoctoral Fellow, Department of Family Medicine and Community Health, 2022-2024

University of Texas-Austin

Postdoctoral Fellow, Population Research Center, 2021-2022

RESEARCH**Areas**

Substantive: Infant health and development. Maternal and child health epidemiology. Prenatal and pediatric health care surveillance and evaluation.

Methodological: Graphical causal modeling. Multi-level modeling. Sibling comparison designs. Spillover effects.

Grants

“Evaluating the Benefits of Family Connects Chicago with Electronic Health Record Data.”

Role: Principal Investigator
Award: Schweppe Foundation/Armour Endowments Pilot Project Award
Source: Rush University
Support: \$50,000, February 2026-January 2027

“Evaluating the Benefits of Family Connects Chicago with Electronic Health Record Data.”

Role: Principal Investigator
Award: Family and Preventive Medicine Pilot Surge Program
Source: Department of Family and Preventive Medicine, Rush University
Support: \$50,000, November 2025-June 2027

“Building an Administrative Birth Cohort to Evaluate Postpartum and Early-Life Healthcare Receipt.”

Role: Principal Investigator

Award: Roger C. Bone MD Endowment Grant

Source: Department of Family and Preventive Medicine, Rush University

Support: \$10,000, March 2025-February 2026

“Racial and Geographic Disparities of Prenatal Care Coordination in Wisconsin.”

Role: Principal Investigator

Award: Advancing Health Equity and Diversity Pilot Award

Source: Institute for Clinical and Translational Research, University of Wisconsin-Madison

Support: \$10,000, July 2023-June 2024

Peer-Reviewed Publications

[1] **Mallinson DC**, Green TL, Gillespie KH. Demographic variation in Prenatal Care Coordination receipt and resulting birth outcomes: evidence from the Wisconsin Medicaid population. *Journal of Public Health Management & Practice*. <https://doi.org/10.1097/phm.0000000000002327> [Online ahead of print]

[2] **Mallinson DC**, Gillespie KH, Nkhoma-Mussa YB, Greene MZ. Care coordination during pregnancy and maternal health outcomes in a Medicaid population. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*. <https://doi.org/10.1016/j.jogn.2025.10.011> [Online ahead of print]

[3] **Mallinson DC** (2025). Prenatal Care Coordination and well-child visit receipt in early childhood. *Journal of the American Board of Family Medicine*. 38(3):513-538. <https://doi.org/10.3122/jabfm.2024.240302R2>

[4] **Mallinson DC**, Nkhoma-Mussa YB, Gillespie KH, Brown RL (2025). Preventing infant mortality through Medicaid-administered Prenatal Care Coordination: evidence from Wisconsin. *Health Services Research*. 60(S2):e14437. <https://doi.org/10.1111/1475-6773.14437>

[5] **Mallinson DC**, Gillespie KH (2024). Racial and geographic variation of Prenatal Care Coordination receipt in the state of Wisconsin, 2010-2019. *Journal of Community Health*. 49(4):732-747. <https://doi.org/10.1007/s10900-024-01338-5>

[6] **Mallinson DC**, Kuo H, Kirby RS, Wang Y, Berger LM, Ehrenthal DB (2024). Maternal opioid use disorder and infant mortality in Wisconsin, 2010-2018. *Preventive Medicine*. 181(April 2024):107914. <https://doi.org/10.1016/j.ypmed.2024.107914>

[7] **Mallinson DC**, Elwert F, Ehrenthal DB (2024). Spillover effects of gestational age on sibling's literacy. *Early Child Development and Care*. 194(2):244-259. <https://doi.org/10.1080/03004430.2023.2301420>

**Finalist, SER Tyrolier Prize Paper Award, 2022 [preliminary draft]*

[8] **Mallinson DC**, Elwert F, Ehrenthal DB (2023). Spillover effects of Prenatal Care Coordination on older siblings beyond the mother-infant dyad. *Medical Care*. 61(4):206-215. <https://doi.org/10.1097/mlr.0000000000001822>

**Recipient, UW-Madison DFMCH William E. Scheckler Award, 2024*

[9] Marteleto LJ, Dondero M, Kumar S, **Mallinson DC** (2023). Measuring fertility intentions during times of crisis: an example using survey data amid the Covid-19 pandemic. *Studies in Family Planning*. 54(1):161-180. <https://doi.org/10.1111/sifp.12219>

[10] Coutinho RZ, Firmino B, **Mallinson DC** (2022). “Exploring the Effects of Covid-19 on the Lives of Brazilian Women: Results of a National Online Survey.” In: Hubert C, Miranda-Ribeiro P, Salinas V, editors. *Fecundidad, salud sexual y reproductiva en tiempos de la COVID-19 en Latinoamérica [Fertility, sexual and reproductive health in times of COVID-19 in Latin America]*. Rio de Janeiro, BR: ALAP Press; 38-66.

[11] Rubenstein E, Ehrenthal DB, Nobles J, **Mallinson DC**, Bishop L, Jenkins MC, Kuo H, Durkin MS (2022). Brief report: Fertility rates in women with intellectual and developmental disabilities in Wisconsin Medicaid. *Disability and Health Journal*. 15(3):101321. <https://doi.org/10.1016/j.dhjo.2022.101321>

[12] **Mallinson DC**, Elwert F (2022). Estimating sibling spillover effects with unobserved confounding using gain-scores. *Annals of Epidemiology*. 67(March 2022):73-80. <https://doi.org/10.1016/j.annepidem.2021.12.010>

[13] Rubenstein E, Ehrenthal DB, **Mallinson DC**, Bishop L, Kuo H, Durkin M (2021). Birth outcomes affecting infants of mothers with intellectual and developmental disabilities. *Paediatric and Perinatal Epidemiology*. 35(6):706-716. <https://doi.org/10.1111/ppe.12765>

[14] Rubenstein E, Ehrenthal DB, **Mallinson DC**, Bishop L, Kuo H, Durkin M (2020). Pregnancy complications and maternal birth outcomes in women with intellectual and developmental disabilities in Wisconsin Medicaid. *PLOS ONE*. 15(10):e0241298. <https://doi.org/10.1371/journal.pone.0241298>

[15] **Mallinson DC**, Larson A, Berger LM, Grodsky E, Ehrenthal DB (2020). Estimating the effect of Prenatal Care Coordination in Wisconsin: a sibling fixed effects analysis. *Health Services Research*. 55(1):82-93. <https://doi.org/10.1111/1475-6773.13239>

[16] **Mallinson DC**, Grodsky E, Ehrenthal DB (2019). Gestational age, kindergarten-level literacy, and effect modification by maternal socio-economic and demographic factors. *Paediatric and Perinatal Epidemiology*. 33(6):467-479. <https://doi.org/10.1111/ppe.12588>

[17] **Mallinson DC**, Kamenetsky ME, Hagen EW, Peppard PE (2019). Subjective sleep measurement: comparing sleep diary to questionnaire. *Nature and Science of Sleep*. 11:197-206. <https://doi.org/10.2147/NSS.S2178678>

[18] **Mallinson DC**, Ehrenthal DB (2019). Classification of Medicaid coverage on birth records in Wisconsin, 2011-2012. *Public Health Reports*. 134(5):542-551. <https://doi.org/10.1177/0033354919860503>

[19] Ozanne EM, Howe R, **Mallinson DC**, Esserman L, van't Veer LJ, Kaplan CP (2019). Evaluation of National Comprehensive Cancer Network guideline-based Tool for Risk Assessment for breast and ovarian Cancer (N-TRAC): a patient-reported survey for genetic high-risk assessment for breast and ovarian cancers in women. *Journal of Genetic Counseling*. 28(3):507-515. <https://doi.org/10.1002/jgc4.1051>

[20] Larson A, Berger LM, **Mallinson DC**, Grodsky E, Ehrenthal DB (2019). Variable uptake of Medicaid-covered Prenatal Care Coordination: the relevance of treatment level and service context. *Journal of Community Health*. 44(1):32-43. <https://doi.org/10.1007/s10900-018-0550-9>

Preprints

[1] **Mallinson DC**. Assessing outcome-to-outcome interference in sibling fixed effects models. Preprint: <https://arxiv.org/abs/2109.13399>

Editorials

[1] Aziz F, **Mallinson D**, Petersen TL, Denson J, Klatt T (2024). Shaping tomorrow by advancing maternal and child health. *Wisconsin Medical Journal*. 123(6):418-420. <https://wmjonline.org/123no6/aziz/>

[2] **Mallinson DC**, Jewell C, Aziz F (2024). The art of peer review. *Wisconsin Medical Journal*. 123(2):70-73. <https://wmjonline.org/123no2/mallinson/>

Letters

[1] **Mallinson DC** (2022). The opportunities of change score analyses. *International Journal of Epidemiology*. 51(5):1690-1691. <https://doi.org/10.1093/ije/dyab201>

[2] **Mallinson DC** (2018). Disparities in hospital readmissions. *Health Affairs*. 37(8):1340. <https://doi.org/10.1377/hlthaff.2018.0552>

[3] **Mallinson DC**, Kramer RD, Mohamoud YA (2018). Challenges in studying Medicaid expansion's association with infant mortality. *American Journal of Public Health*. 108(7):e24. <https://doi.org/10.2105/AJPH.2018.304486>

Conference Workshops and Panels

[1] Kirby RS, Ehrenthal DB, **Mallinson DC**, Berger LM. Data integration and population-based maternal and child health. CityMatCH Leadership and MCH Epidemiology Conference (2020). Virtual conference.

Conference Abstracts

[1] **Mallinson DC**. Racial and geographic variation in the impact of Prenatal Care Coordination on adverse birth outcomes. AcademyHealth Annual Research Meeting (2024). Baltimore, MD. Poster presentation.

[2] **Mallinson DC**, Kuo H, Kirby RS, Berger LM, Ehrenthal DB. Maternal opioid use disorder and infant mortality in Wisconsin, 2010-2018. Society for Epidemiologic Research Annual Meeting (2023). Portland, OR. Oral presentation.

[3] **Mallinson DC**, Kuo H, Kirby RS, Berger LM, Ehrenthal DB. Maternal opioid use disorder and infant mortality in Wisconsin, 2010-2018. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting (2023). Portland, OR. Poster presentation.

[4] **Mallinson DC**. Assessing outcome-to-outcome interference in sibling fixed effects models. Population Association of America Annual Meeting (2023). New Orleans, LA. Oral presentation.

[5] **Mallinson DC**, Kuo H, Kirby RS, Berger LM, Ehrenthal DB. Maternal opioid use disorder and infant mortality in Wisconsin, 2010-2018. Population Association of America Annual Meeting (2023). New Orleans, LA. Oral presentation.

[6] **Mallinson DC**, Marteleto LJ. Birth weight and subsequent pregnancy intention in the context of disease outbreaks. Population Association of America Annual Meeting (2022). Atlanta, GA. Oral presentation.

[7] **Mallinson DC**, Elwert F, Ehrenthal DB. Gestational age and siblings' literacy: spillover effects in the family. Society for Epidemiologic Research Annual Meeting (2021). Virtual conference. Poster presentation.

[8] Rubenstein E, Ehrenthal DB, Nobles J, **Mallinson DC**, Bishop L, Jenkins M, Kuo HD, Durkin M. Fertility rates in women with intellectual and developmental disabilities in Wisconsin Medicaid. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting (2021). Virtual conference. Oral presentation.

[9] **Mallinson DC**, Elwert F, Ehrenthal DB. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting (2021). Virtual conference. Oral presentation.

[10] **Mallinson DC**, Elwert F, Ehrenthal DB. Gestational age and siblings' literacy: spillover effects in the family. Population Association of America Annual Meeting (2021). Virtual conference. Oral presentation.

[11] **Mallinson DC**, Ehrenthal DB. Prenatal Care Coordination and birth spacing among Medicaid beneficiaries in Wisconsin. Population Association of America Annual Meeting (2020). Washington, DC. Poster presentation. [Accepted — conference canceled due to 2020 COVID-19 disease outbreak]

[12] **Mallinson DC**, Grodsky E, Berger LM, Ehrenthal DB. Gestational age, early literacy, and effect modification by maternal socioeconomic or demographic factors. Society for Epidemiologic Research Annual Meeting (2019). Minneapolis, MN. Poster presentation.

[13] **Mallinson DC**, Grodsky E, Berger LM, Ehrenthal DB. Gestational age, early literacy, and effect modification by maternal socioeconomic or demographic factors. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting (2019). Minneapolis, MN. Poster presentation.

[14] Shrider EA, **Mallinson DC**. Evaluating rural-urban typologies for use in healthcare research. Population Association of America Annual Meeting (2019). Austin, TX. Poster presentation.

[15] Larson A, **Mallinson DC***, Berger LM, Grodsky E, Ehrenthal DB. The effect of Prenatal Care Coordination on birth outcomes: a sibling fixed effects analysis. CityMatCH Leadership and MCH Epidemiology Conference (2018). Portland, OR. Oral presentation.
*Presenter

[16] Larson AM, Berger LM, **Mallinson DC**, Grodsky E, Ehrenthal DB. Variable uptake of Medicaid-covered Prenatal Care Coordination: the relevance of treatment level and service context. AcademyHealth Annual Research Meeting (2018). Seattle, WA. Poster presentation.

[17] Ehrenthal DB, **Mallinson DC**, Larson AM, Voskuil K, Berger LM, Grodsky E. Integrating data systems to expand the evidence base for maternal and child health strategies. AcademyHealth Annual Research Meeting (2018). Seattle, WA. Poster presentation.

[18] **Mallinson DC**, Ehrenthal DB. Classification of Medicaid coverage on birth records in Wisconsin, 2011-2012. Society for Epidemiologic Research Annual Meeting (2017). Seattle, WA. Poster presentation.

[19] **Mallinson DC**, Ehrenthal DB. Classification of Medicaid coverage on birth records in Wisconsin, 2011-2012. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting (2017). Seattle, WA. Poster presentation.

INVITED TALKS

“How to be a good peer reviewer.” Health Disparities Research Scholars Seminars. Department of Population Health Sciences, University of Wisconsin-Madison; December 2024.

“Administrative birth cohort analysis for family health evaluation: past, current, and future research.” Department of Health Policy & Management, SUNY Downstate Health Sciences University; September 2024 (online).

“Administrative birth cohort analysis for family health evaluation: past, current, and future research.” Department of Family and Preventive Medicine, Rush University; July 2024.

“Administrative data for prenatal and reproductive health evaluation: past, current, and future research.” School of Nursing, University of Wisconsin-Madison; March 2024.

“Administrative data for prenatal and reproductive health evaluation: past, current, and future research.” Department of Human Development Nursing Science, University of Illinois-Chicago; February 2024.

“Racial and geographic variation of Prenatal Care Coordination receipt in Wisconsin, 2010-2019.” Graduate research seminars. Department of Population Health Sciences, University of Wisconsin-Madison; December 2023.

SERVICE**Editorial Positions**

Associated Editor, *Wisconsin Medical Journal*, 2025-Present

Editorial Fellow, *Wisconsin Medical Journal*, 2023-2024

Special Issue Advisory Board Member, “Maternal & Child Health,” *Wisconsin Medical Journal*, 2024

Special Issue Advisory Board Member, “Lessons Learned from the Pandemic,” *Wisconsin Medical Journal*, 2023

Ad-Hoc Journal Reviewer

American Journal of Epidemiology, *American Journal of Preventive Medicine*, *American Journal of Public Health*, *Annals of Epidemiology*, *Annals of Family Medicine*, *Annals of Medicine*, *Applied Economics*, *BMC Pregnancy and Childbirth*, *BMC Public Health*, *BMC Reproductive Health*, *Health Affairs*, *Health Services Research*, *Health Science Reports*, *International Journal of Women’s Health*, *JMIR Public Health and Surveillance*, *Journal of Women’s Health*, *Medical Care*, *Paediatric and Perinatal Epidemiology*, *PLOS ONE*, *Public Health Reports*, *Reproductive Health*, *Substance Use: Research and Treatment*, *Wisconsin Medical Journal*.

National

Program planning committee member, Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, 2023

Abstract reviewer, Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, 2021

Poster discussant, Population Association of America Annual Meeting, 2021

Abstract reviewer, Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, 2020

Local

Organizer, Qualifying Exam Preparation Committee, Department of Population Health Sciences, University of Wisconsin-Madison, 2020

Panelist, Prospective Student Welcome Day Discussion Panel, Department of Population Health Sciences, University of Wisconsin-Madison, 2020

Abstract reviewer, Annual Student Poster Presentation Day, Department of Population Health Sciences, University of Wisconsin-Madison, 2020

Social Media Chair, Population Health Sciences Student Organization, University of Wisconsin-Madison, 2019-2020

AWARDS

William E. Scheckler Award, Department of Family Medicine and Community Health, University of Wisconsin-Madison, 2024

Tyroler Prize Paper Award, Finalist, Society for Epidemiologic Research, 2022

IRP Graduate Research Fellow Conference Support, Institute for Research on Poverty, University of Wisconsin-Madison, 2019, 2020, 2021

Rankin/Skatrud Conference Award, Department of Population Health Sciences, University of Wisconsin-Madison, 2017

Outstanding New Student Award, Department of Population Health Sciences, University of Wisconsin-Madison, 2016

James R. Turner Prize, Department of Women’s, Gender, and Sexuality Studies, College of Wooster, 2013

Anders Segerdahl Memorial Scholarship, Everett Smith Group, Ltd., 2011

**PROFESSIONAL
MEMBERSHIPS**

AcademyHealth

Population Association of America

Society for Epidemiologic Research

Society for Pediatric and Perinatal Epidemiologic Research

SKILLS

Statistical programming with Stata and SAS software. L^AT_EX. Medicaid claims data management. Lean Six Sigma Green Belt certification (2015).