

CONTACT	<p>RLP 2.406B 305 E. 23rd Street Austin, TX 78712</p> <p>Email: david.mallinson@austin.utexas.edu Web: <a href="https://davidmallinson.github.io">https://davidmallinson.github.io</a> ORCID: 0000-0003-1069-6040</p>
EDUCATION	<p><b>University of Wisconsin-Madison School of Medicine and Public Health</b> PhD, Population Health Sciences, 2021 <u>Dissertation</u>: Sibling spillover effects: method and applications <u>Committee</u>: Deborah Ehrental (co-chair), Felix Elwert (co-chair, Sociology), John Mullahy, Paul Peppard</p> <p><b>Dartmouth College</b> MS, Healthcare Research, 2015</p> <p><b>College of Wooster</b> BA, Communication Studies, Economics, 2013 (<i>cum laude</i>)</p>
EMPLOYMENT	<p>Postdoctoral Fellow, August 2021-Present Population Research Center University of Texas-Austin</p>
RESEARCH	<p><b>Areas</b></p> <p><u>Substantive</u>: Infant health and development. Maternal and child health epidemiology. Prenatal health care surveillance and evaluation.</p> <p><u>Methodological</u>: Graphical causal modeling. Multi-level modeling. Sibling comparison designs. Spillover effects.</p> <p><b>Peer-Reviewed Publications</b></p> <p>[1] Rubenstein E, Ehrental DB, Nobles J, <b>Mallinson DC</b>, Bishop L, Jenkins MC, Kuo H, Durkin MS (2022). Brief report: Fertility rates in women with intellectual and developmental disabilities in Wisconsin Medicaid. <i>Disability and Health Journal</i>. <a href="https://doi.org/10.1016/j.dhjo.2022.101321">https://doi.org/10.1016/j.dhjo.2022.101321</a> [Online ahead of print]</p> <p>[2] <b>Mallinson DC</b>, Elwert F (2022). Estimating sibling spillover effects with unobserved confounding using gain-scores. <i>Annals of Epidemiology</i>. 67(March 2022):73-80. <a href="https://doi.org/10.1016/j.annepidem.2021.12.010">https://doi.org/10.1016/j.annepidem.2021.12.010</a></p> <p>[3] Rubenstein E, Ehrental DB, <b>Mallinson DC</b>, Bishop L, Kuo H, Durkin M (2021). Birth outcomes affecting infants of mothers with intellectual and developmental disabilities. <i>Paediatric and Perinatal Epidemiology</i>. 35(6):706-716. <a href="https://doi.org/10.1111/ppe.12765">https://doi.org/10.1111/ppe.12765</a></p> <p>[4] Rubenstein E, Ehrental DB, <b>Mallinson DC</b>, Bishop L, Kuo H, Durkin M (2020). Pregnancy complications and maternal birth outcomes in women with intellectual and developmental disabilities in Wisconsin Medicaid. <i>PLOS ONE</i>. 15(10):e0241298. <a href="https://doi.org/10.1371/journal.pone.0241298">https://doi.org/10.1371/journal.pone.0241298</a></p> <p>[5] <b>Mallinson DC</b>, Larson A, Berger LM, Grodsky E, Ehrental DB (2020). Estimating the effect of Prenatal Care Coordination in Wisconsin: a sibling fixed effects analysis. <i>Health Services Research</i>. 55(1):82-93. <a href="https://doi.org/10.1111/1475-6773.13239">https://doi.org/10.1111/1475-6773.13239</a></p>

- [6] **Mallinson DC**, Grodsky E, Ehrental 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>
- [7] **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>
- [8] **Mallinson DC**, Ehrental DB (2019). Classification of Medicaid coverage on births records in Wisconsin, 2011-2012. *Public Health Reports*. 134(5):542-551. <https://doi.org/10.1177/0033354919860503>
- [9] Ozanne EM, Howe R, **Mallinson D**, 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>
- [10] Larson A, Berger LM, **Mallinson DC**, Grodsky E, Ehrental 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>

### Under Review

- [1] **Mallinson DC**, Elwert F, Ehrental DB. Spillover effects of Prenatal Care Coordination on older siblings beyond the mother-infant dyad. [Revised and resubmitted]
- [2] **Mallinson DC**, Elwert F, Ehrental DB. Spillover effects of gestational age on sibling's literacy.
- [3] Marteleto LJ, Dondero M, Kumar S, **Mallinson DC**. Measuring fertility intentions during times of crisis: an example using survey data amid the Covid-19 pandemic.

### Works in Progress

- [1] Dondero M, **Mallinson DC**, Marteleto LJ. The Zika epidemic as a prenatal stressor: maternal exposure to the Zika epidemic and birth outcomes in Brazil.
- [2] **Mallinson DC**. Assessing outcome-to-outcome interference in sibling fixed effects models. Preprint: <https://arxiv.org/abs/2109.13399>
- [3] **Mallinson DC**, Marteleto LJ. Birth weight and subsequent pregnancy intention in the context of disease outbreaks.
- [4] **Mallinson DC**, Marteleto LJ, Zanatta R. Adolescence during the Zika epidemic and pregnancy concerns amidst Covid-19.

### Letters and Opinions

- [1] **Mallinson DC** (2021). The opportunities of change score analyses. *International Journal of Epidemiology*. <https://doi.org/10.1093/ije/dyab201> [Online ahead of print]
- [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, Ehrental 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**, Marteleto LJ. Birth weight and subsequent pregnancy intention in the context of disease outbreaks. Population Association of America Annual Meeting (2022). Oral presentation.

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

[3] Rubenstein E, Ehrental 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.

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

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

[6] **Mallinson DC**, Ehrental 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]

[7] **Mallinson DC**, Grodsky E, Berger LM, Ehrental 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.

[8] **Mallinson DC**, Grodsky E, Berger LM, Ehrental 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.

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

[10] Larson A, **Mallinson DC\***, Berger LM, Grodsky E, Ehrental 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*

[11] Larson AM, Berger LM, **Mallinson DC**, Grodsky E, Ehrental 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.

[12] Ehrental 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.

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

[14] **Mallinson DC**, Ehrental 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.

## SERVICE

**Journal Referee**

*American Journal of Epidemiology, American Journal of Public Health, Health Affairs, Health Services Research, Paediatric and Perinatal Epidemiology.*

**Population Association of America**

Poster discussant, PAA Annual Meeting (2021)

**Society for Pediatric and Perinatal Epidemiologic Research**

Abstract reviewer, SPER Annual Meeting (2020, 2021)

**University of Wisconsin-Madison**

Social Media Chair, Population Health Sciences Student Organization (2019-2020)

Abstract reviewer, Annual Student Poster Presentation Day, Department of Population Health Sciences (March 2020)

Panelist, Prospective Student Welcome Day Discussion Panel, Department of Population Health Sciences (March 2020)

Organizer, Qualifying Exam Preparation Committee, Department of Population Health Sciences (May 2020)

RESEARCH  
EXPERIENCE

NICHD Predoctoral Trainee, 2019-August 2021

Center for Demography and Ecology

University of Wisconsin-Madison

*Funded through NICHD Training Grant T32 HD007014-42*

*Eunice Kennedy Shriver National Institute of Child Health and Human Development  
National Institutes of Health*

Project Assistant to Professor Deborah Ehrental, 2016-2019

Department of Obstetrics and Gynecology

University of Wisconsin-Madison School of Medicine and Public Health

Research Assistant to Professor Elissa Ozanne, 2015-2016

Dartmouth Institute for Health Policy and Clinical Practice

Dartmouth College Geisel School of Medicine

## TEACHING

Teaching Assistant to Professor Marguerite Burns and Professor Rebecca Myerson, Spring 2021

PHS 796: Introduction to Health Services Research

Department of Population Health Sciences

University of Wisconsin-Madison School of Medicine and Public Health

## TRAINEESHIPS

**Center for Demography and Ecology, University of Wisconsin-Madison**

CDE Predoctoral Training Program (September 2019-August 2021)

**Institute for Research on Poverty, University of Wisconsin-Madison**

IRP Graduate Research Fellow (September 2018-August 2021)

## AWARDS

**IRP Graduate Research Fellow Conference Support (2019-2021)**

Institute for Research on Poverty

University of Wisconsin-Madison  
*Funding to present research at an academic conference*  
 (\$700 in 2019, \$200 in 2020, \$100 in 2021)

**Rankin/Skatrud Conference Award (2017)**

Department of Population Health Sciences  
 University of Wisconsin-Madison School of Medicine and Public Health  
*\$1,000 fund to present research at an academic conference*

**Outstanding New Student Award (2016)**

Department of Population Health Sciences  
 University of Wisconsin-Madison School of Medicine and Public Health  
*\$2,000 supplemental scholarship to support graduate studies*

**James R. Turner Prize in Women's, Gender, and Sexuality Studies (2013)**

Department of Women's, Gender, and Sexuality Studies  
 College of Wooster  
*For the most distinguished senior thesis related to women's and gender studies across the College*

**Anders Segerdahl Memorial Scholarship (2011-2013)**

Everett Smith Group, Ltd.  
*For exceptional collegiate academic performance*

MEMBERSHIPS &  
 AFFILIATIONS

Population Association of America  
 Population Research Center, University of Texas-Austin  
 Society for Epidemiologic Research  
 Society for Pediatric and Perinatal Epidemiologic Research

SKILLS

Statistical programming with Stata and SAS software. L<sup>A</sup>T<sub>E</sub>X. Medicaid claims data management.  
 Lean Six Sigma Green Belt certification (2015).