

CONTACT

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EDUCATION

University of Wisconsin-Madison School of Medicine and Public Health

PhD, Population Health Sciences, expected 2021

Dissertation: Sibling spillover effects: method and applications

Committee: Deborah Ehrental (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

Current

NICHD Predoctoral Trainee, 2019-Present

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

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

Previous

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

RESEARCH

Areas

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

Peer-Reviewed Publications

[1] Rubenstein E, Ehrental DB, **Mallinson DC**, Bishop L, Kuo HD, Durkin M (2021). Birth outcomes affecting infants of mothers with intellectual and developmental disabilities. *Paediatric and Perinatal Epidemiology*. [Accepted and forthcoming]

- [2] Rubenstein E, Ehrental DB, **Mallinson DC**, Bishop L, Kuo HD, Durkin M. Pregnancy complications and maternal birth outcomes in women with intellectual and developmental disabilities in Wisconsin Medicaid (2020). *PLOS ONE*. 15(10):e0241298. <https://doi.org/10.1371/journal.pone.0241298>
- [3] **Mallinson DC**, Larson A, Berger LM, Grodsky E, Ehrental 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>
- [4] **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>
- [5] **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>
- [6] **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>
- [7] 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>
- [8] 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. Estimating sibling spillover effects with unobserved confounding using gain-scores. Preprint: <https://arxiv.org/abs/2102.11150>

Works in Progress

- [1] **Mallinson DC**, Ehrental DB, Elwert F. Gestational age and spillover effects on older siblings' literacy skills in kindergarten.
- [2] **Mallinson DC**, Ehrental DB, Elwert F. Prenatal Care Coordination and preventive care uptake in the family: sibling spillovers beyond the mother-infant dyad.
- [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.

Letters and Opinions

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

[2] **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*]

[3] **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.

[4] **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.

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

[6] 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*

[7] 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.

[8] 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.

[9] **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.

[10] **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 Public Health, Health Services Research, Paediatric and Perinatal Epidemiology.

Society for Pediatric and Perinatal Epidemiologic Research

Abstract reviewer, SPER Annual Meeting (2020)

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)

TRAINEESHIPS

Center for Demography and Ecology, University of Wisconsin-Madison
 CDE Predoctoral Training Program (2019-Present)

Institute for Research on Poverty, University of Wisconsin-Madison
 IRP Graduate Research Fellow (2018-Present)

AWARDS

IRP Graduate Research Fellow Conference Support (2020)

Institute for Research on Poverty
 University of Wisconsin-Madison
\$200 fund to present research at an academic conference

IRP Graduate Research Fellow Conference Support (2019)

Institute for Research on Poverty
 University of Wisconsin-Madison
\$700 fund to present research at an academic conference

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

Center for Demography and Ecology, University of Wisconsin-Madison
 Center for Demography of Health and Aging, University of Wisconsin-Madison
 Institute for Research on Poverty, University of Wisconsin-Madison
 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).