

CLAIRE E. MARGERISON
Department of Epidemiology and Biostatistics
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CURRENT POSITION

Professor Department of Epidemiology and Biostatistics College of Human Medicine Michigan State University East Lansing, MI	2024-present
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EDUCATION

PhD in Epidemiology University of California, Berkeley, School of Public Health Berkeley, CA	2011
MPH in Epidemiology and Biostatistics University of California, Berkeley, School of Public Health Berkeley, CA	2008
BA in Biology (Summa Cum Laude) Tufts University Medford, MA	2001

ACADEMIC APPOINTMENTS & PROFESSIONAL POSITIONS

Associate Professor Department of Epidemiology and Biostatistics College of Human Medicine Michigan State University East Lansing, MI	2019-2024
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Assistant Professor Department of Epidemiology and Biostatistics College of Human Medicine Michigan State University East Lansing, MI	2013-2019
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Faculty Affiliate Center for Social Epidemiology and Population Health University of Michigan Ann Arbor, MI	2014-present
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Faculty Affiliate Institute for Public Policy and Social Research Michigan State University East Lansing, MI	2016-present
Faculty Reproductive and Developmental Sciences Program Michigan State University East Lansing, MI	2021-present
Core Associated Faculty Center for Gender in Global Context Michigan State University East Lansing, MI	2021-present
Post-doctoral Fellow School of Social Work and Population Research Center University of Texas at Austin Austin, TX	2011-2013
Graduate Student Researcher University of California, Berkeley Berkeley, CA	2006-2011
Programmer Analyst Kaiser Division of Research Oakland, CA	2007-2008

HONORS and AWARDS

- Selected as one of twelve MSU employee members of the inaugural Henry Ford + MSU Health Innovation Leadership Academy, 2025-2026
- Selected as one of ten members of MSU's inaugural Academy for Developing Visionary Institutes and Centers of Excellence (ADVICE), 2024-2025
- *American Journal of Epidemiology* Reviewer of the Year Award, 2020
- Teacher-Scholar Award, College of Human Medicine, Michigan State University 2019
- Health Disparities Scholar, National Institute on Minority Health and Health Disparities (NIMHD), Loan Repayment Program (2012-2014)
- Epidemiology Division Block Grant Award, University of California, Berkeley (2008-2011)
- School of Public Health University Fellowship, University of California, Berkeley (2007-2008)
- Mary Louise Ellert Scholarship, University of California, Berkeley (2009)

GRANTS and CONTRACTS

CURRENT

High-reach, multi-level digital intervention for pregnancy-related and -associated morbidity and mortality (PRAMM) disparities (1U54HD113291-9765)
Maternal Health Multilevel Interventions for Racial Equity (MIRACLE) Center

Margerison

Role: Multiple Principal Investigator (Ondersma, Margerison, McKay)
Granting Agency: *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD)
Total costs: \$5.3 million
Funding period: 07/01/23-06/30/30

Training program addressing the multilevel factors that affect pregnancy-related and pregnancy-associated morbidity and mortality disparities (1U54HD113291-9768)
Maternal Health Multilevel Interventions for Racial Equity (MIRACLE) Center
Role: Multiple Principal Investigator (Margerison, Meghea, Saddler)
Granting Agency: NICHD
Total costs: \$1.6 million
Funding period: 07/01/23-06/30/30

Pregnancy-associated mortality and morbidity due to drugs, self-harm, and violence in the United States (R01HD102319)
Role: Multiple Principal Investigator (Margerison, Goldman-Mellor)
Granting Agency: NICHD
Total costs: \$2,418,247
Funding period: 2021-2025

The fertility, maternal health, and infant health consequences of reproductive policy change (R01HD114292)
Role: co-Investigator (MPIs: Bell & Gemmill)
Granting Agency: NICHD
Total costs: \$2,049,000
Funding period: 2024-2029

Meeting women where they are: Multilevel intervention addressing racial disparities in maternal morbidity and mortality (R01MD016003)
Role: co-Investigator (MPIs: Johnson & Meghea)
Granting Agency: National Institute on Minority Health and Health Disparities (NIMHD)
Total costs: \$4,128,993
Funding period: 2020-2025

Association between state-level prescription opioid limitation laws and suicide outcomes
Role: co-Investigator on a core project (PI: Carter)
Grant number: R49CE030850100, University of Michigan Injury Prevention Center
Granting Agency: Centers for Disease Control and Prevention
Total costs: \$214,462
Funding period: 2021-2024 (No Cost Extension)

PENDING

Pregnancy-associated mortality and morbidity due to drugs, self-harm, and violence in the United States Renewal (R01HD102319)
Role: Principal Investigator
Granting Agency: NICHD
Total costs: \$3,749,291

Funding period: 2025-2027
Status: Impact Score 28; Percentile 13

Impacts of Cash Transfers During Pregnancy on Maternal and Infant Health

Role: Principal Investigator
Grant type: R21 to NICHD
Total costs: \$445,999
Funding period: 2025-2027
Status: Impact Score 21; Percentile 7

An Investigation of the Neighborhood Density of Cannabis Outlets and its Effect on Traffic Crashes (F31DA062439)

Role: Co-Mentor (PI: Myers)
Granting Agency: National Institute on Drug Abuse
Total Costs: \$65,017

COMPLETED

Policy Change and Women's Health (R01HD095951)

Role: Principal Investigator
Granting Agency: NICHD
Total costs: \$2,109,700
Funding period: 2019-2025

Impacts of the Affordable Care Act on Equity in Health Care Access and Utilization for Indigenous Women

Role: Principal Investigator
Granting Agency: Robert Wood Johnson Foundation, Public Policy Research to Advance Racial Equity and Racial Justice
Total costs: \$284,006
Funding period: 2021-2024

Pregnancy-associated mortality and morbidity due to drugs, self-harm, and violence: changes during the COVID-19 pandemic (R01HD102319-02S1)

Role: Principal Investigator
Granting Agency: NICHD
Total costs: \$158,829
Funding period: 2022-2024

Potential impact of child tax credit payments on maternal & infant health in Michigan and beyond

Role: Principal Investigator
Granting Agency: Pilot Proposal under the Michigan Applied Public Policy Research Grant Program (MAPPR)
Total costs: \$30,000 total costs
Funding period: 2021-2022

The Impact of the Affordable Care Act (ACA) on Unintended Pregnancy: Combining epidemiologic and economic methods

(F31HD103404 F31 Ruth L. Kirschstein National Research Service Award (NRSA))

Role: Sponsor (PI MacCallum-Bridges)
Individual Predoctoral Fellowship
Granting Agency: NICHD
Total costs: \$88,130 total costs
Funding period: 2020-2022

Administrative Supplement to Policy Change and Women's Health
(R01HD095951-02S1)
Role: Principal Investigator
Granting Agency: NICHD
Total costs: \$225,035 total costs
Funding period: 2020-2021

Pregnancy and beyond: windows into disparities in women's cardiovascular health
(K01HL128843 Mentored Career Development Award)
Role: Principal Investigator
Granting Agency: National Heart, Lung, and Blood Institute (NHLBI).
Total costs: \$677,297
Funding period: 2015-2020

Economic conditions during pregnancy and birth outcomes
(R03HD081384)
Role: Principal Investigator
Granting Agency: NICHD
Total costs: \$100,000 (direct)
Funding period: 2015-2017

Community-level Determinants of Suicidal Behavior: Preliminary Evidence from California
(R24 AG045061 Pilot Proposal under Network on Life Course Health Dynamics and Disparities in 21st Century America)
Role: Principal Investigator
Granting Agency: National Institute of Aging
Total costs: \$9,904
Funding period: 2017-2018

Impacts of the 2014 ACA Medicaid expansion on pre-conception and pregnancy health in Michigan and across the United States
Role: Principal Investigator
Granting Agency: Pilot Proposal under MAPPR.
Total costs: \$25,000
Funding period: 2017-2018

Examining relations between residential segregation, political empowerment, and adverse birth outcomes among US births from 2008-2010
Role: Principal Investigator
Granting Agency: Texas Census Research Data Center Proposal Development Grant
Total costs: \$2,175 total
Funding period: 2013

Structural racism and adverse birth outcomes in the US South: A multigenerational perspective

(R01MD016046)

Role: co-Investigator (MPIs: Fleischer, Ro)

Granting Agency: NIMHD

Total costs: \$588,114

Funding period: 2021-2025

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES (FIRST AUTHOR INDICATES LEAD AUTHOR; *INDICATES SENIOR AUTHORSHIP, †INDICATES A TRAINEE AS FIRST AUTHOR)

1. Catalano R, **Margerison Zilko CE**, Saxton KB, Bruckner T. Selection in utero: a biological response to mass layoffs. *American Journal of Human Biology*. 2010 May-Jun;22(3):396-400.
2. **Margerison Zilko CE**, Rehkopf D, Abrams B. Associations of gestational weight gain with short- and long-term maternal and child health outcomes. *American Journal of Obstetrics and Gynecology*. 2010 Jun;202(6):574.
3. **Margerison Zilko CE**. Economic contractions and birth outcomes: An integrative review. *Human Reproduction Update*. 2010 Jul-Aug;16(4):445-58.
4. Catalano R, **Margerison-Zilko C**, Saxton K, LeWinn K, Anderson E. Reconstructing Dose: A Critique of McEniry's "Infant Mortality, Season of Birth, and the Health of Older Puerto Rican Adults." *Social Science and Medicine*. 2010 Mar;72(6):1016-7. *Invited commentary*.
5. Catalano R, Goldman-Mellor S, Saxton K, **Margerison-Zilko C**, Subbaraman M, LeWinn K, Anderson E. The Health Effects of Economic Decline. *Annual Review of Public Health*. 2011;32:431-50.
6. Bruckner T, **Margerison-Zilko CE**, Brown R. Positive income shocks and accidental death among Cherokee Indians: A natural experiment. *International Journal of Epidemiology*. 2011 Aug;40(4):1083-90.
7. **Margerison-Zilko CE**, Hubbard A, Catalano RA, Ahern J. Maternal exposure to unexpected economic contraction and birth weight for gestational age. *Epidemiology*. 2011 Nov;22(6):855-8.
8. Bruckner T, **Margerison-Zilko CE**. Humans and models: converging 'truths'. *International Journal of Epidemiology*. 2012 Feb;41(1):314-5.
9. Catalano RA, Goodman J, **Margerison-Zilko CE**, Saxton KB, Anderson E, Epstein M. Selection Against Small Males *In Utero*: a Test of the Wells Hypothesis. *Human Reproduction*. 2012 Apr;27(4):1202-8.
10. Catalano RA, Saxton K, Bruckner T, Pearl M, Anderson E, Goldman-Mellor S, **Margerison-Zilko C**, Subbaraman M, Currier R, Kharrazi M. Hormonal Evidence Supports the Theory of Selection in Utero. *American Journal of Human Biology*. 2012 Jul-Aug;24(4):526-32.
11. **Margerison Zilko CE**, Shrimali BP, Eskenazi B, Lahiff M, Lindquist AR, Abrams BF. Trimester of maternal gestational weight gain and offspring body weight at birth and age five. *Maternal and Child Health Journal*. 2012 Aug;16:1215-1223.

12. Catalano RA, **Margerison-Zilko CE**, Goldman-Mellor S, Pearl M, Anderson E, Saxton K, Bruckner T, Subbaraman M, Goodman J, Epstein M, Currier R, Kharrazi M. Natural Selection in Utero Induced by Mass Layoffs: The hCG Evidence. *Evolutionary Applications*. 2012 Dec;5(8):796-805.
13. Cubbin C, Jun J, **Margerison-Zilko CE**, Sherman J, McCray T, Parmenter B. Social inequalities in neighborhood conditions: Spatial relationships between sociodemographic and food environments in Alameda County, California. *Journal of Maps*. 2012 8(4):348-348.
14. **Margerison-Zilko CE.**, Cubbin C. Socioeconomic disparities in tobacco-related health outcomes across race/ethnic groups in the United States: National Health Interview Survey 2010. *Nicotine and Tobacco Research*. 2013 Jun;15(6):1161-5.
15. Ahern J, **Margerison-Zilko CE**, Hubbard A, Galea S. Alcohol outlets and binge drinking in urban neighborhoods: the implications of non-linearity for intervention and policy. *American Journal of Public Health*. 2013 Apr;103(4):e81-7.
16. **Margerison-Zilko CE.**, Cubbin C. Dynamic poverty experiences and development of overweight in a national sample of US children ages 4 to 14. *Obesity*. 2013 Jul;21(7):1438-45.
17. **Margerison-Zilko CE.** Maternal exposure to economic contraction during pregnancy and smoking, alcohol use, and gestational weight gain in a national sample of U.S. women. *Annals of Epidemiology*. 2014 Jun;24(6):432-40.
18. **Margerison-Zilko CE.** The contribution of maternal birth cohort to term small-for-gestational-age in the U.S. 1989-2010: an age, period, and cohort analysis. *Paediatric and Perinatal Epidemiology*. 2014 Jul;28(4):312-21.
19. **Margerison-Zilko CE**, Goodman JA, Anderson E, Catalano RA. Postterm birth as a response to environmental stress: the case of September 11, 2001. *Evolution, Medicine, and Public Health*. 2015 Jan 16;2015(1):12-20.
20. **Margerison-Zilko CE**, Cubbin C, Jun J, Marchi K, Fingar K, Braveman P. Beyond the Cross-Sectional: Neighborhood Poverty Histories and Preterm Birth. *American Journal of Public Health*. 2015 Jun;105(6):1174-80.
21. Catalano R, Goodman J, **Margerison-Zilko C.**, Falconi A, Gemmill A, Karasek D., Anderson E. Timing of birth: Parsimony favors strategic over dysregulated parturition. *American Journal of Human Biology*. 2016 Jan-Feb;28(1):31-5
22. **Margerison-Zilko C**, Cubbin C, Jun J, Marchi K, Braveman P. Post-partum residential mobility among a statewide representative sample of California women, 2003 – 2007. *Maternal and Child Health Journal*. 2016 Jan;20(1):139-48.
23. **Margerison-Zilko C**, Goldman-Mellor S, Falconi A, Downing J. Health impacts of the Great Recession: A critical review. *Current Epidemiology Reports*. 2016 Mar;3(1):81-91. Invited review.
24. Catov JM and **Margerison-Zilko C.** Pregnancy as a window to future health: short term costs and consequences. *American Journal of Obstetrics and Gynecology*. 2016 Oct;215(4):406-7. Invited editorial.
25. Ahern J, Colson KE, **Margerison-Zilko C**, Hubbard A, Galea S. Predicting the Population Health Impacts of Community Interventions: The Case of Alcohol Outlets and Binge Drinking. *American Journal of Public Health*. 2016 November;106(11):1938-1943.
26. Goldman-Mellor S., **Margerison-Zilko C**, Allen K, Cerdá M. Perceived and objectively-measured neighborhood violence and adolescent psychological distress. *Journal of Urban Health*. 2016

Oct;93(5):758-769.

27. **Margerison-Zilko C**, Strutz KL, Li Y, Holzman C. Stressors across the life-course and preterm delivery: a prospective cohort study. *Maternal and Child Health Journal*. 2017 Mar;21(3):648-658.
28. Walsemann KM, Child S, Heck K, **Margerison-Zilko C**, Braveman P, Marchi K, Cubbin C. Are the poverty histories of neighbourhoods associated with psychosocial well-being among a representative sample of California mothers? An observational study. *Journal of Epidemiology and Community Health*. 2017 Jun;71(6):558-564.
29. Kane JB and **Margerison-Zilko C**. Theoretical insights into two key sources of stress in the preconception social environment that contribute to poor perinatal health. *Population Health and Policy Review*. 2017 Oct;36(5):639-669.
30. Kramer MR, Schneider EB, Kane JB, **Margerison-Zilko C**, Jones-Smith J, King K, Davis-Kean P, Grzywacz J. Getting under the skin: children's health disparities as embodiment of social class. *Population Health and Policy Review*. 2017 Oct;36(5):671-697.
31. **Margerison-Zilko C**, Perez-Patron M, Cubbin C. Residential segregation, political power, and preterm birth in the U.S. 2008-2010. *Health and Place*. 2017 Jul;46:13-20.
32. †Sheehan C, Cantu P, Powers D, **Margerison-Zilko C**, Cubbin C. Long-term neighborhood poverty trajectories and obesity in a sample of California mothers. *Health and Place*. 2017 Jul;46:49-57.
33. **Margerison-Zilko C**, Li Y, Luo Zhehui. Economic conditions during pregnancy and adverse birth outcomes among singleton live births in the U.S., 1990-2013. *American Journal of Epidemiology*. 2017 Nov 15;186(10):11391-1139
34. **Margerison-Zilko C**, Talge N, Holzman C. Preterm Delivery Trends by Race/Ethnicity in the United States, 2006-2012. *Annals of Epidemiology*. 2017 Nov;27(11):689-694.
35. *†Wisnieski L, Kerver J, Holzman C, **Margerison-Zilko C**. Breastfeeding and Risk of Metabolic Syndrome in Children and Adolescents: A Systematic Review. *Journal of Human Lactation*. 2018 Aug;34(3):515-525.
36. †Sheehan C, Powers D, **Margerison-Zilko C**, McDevitt T, Cubbin C. Historical Neighborhood Poverty Trajectories and Child Sleep. *Sleep Health*. 2018 Apr;4(2):127-134.
37. †Zhou G, Holzman C, Luo Z, **Margerison C**. Maternal serum uric acid levels and blood pressure during pregnancy: a community-based cohort study. *European Journal of Obstetrics and Gynecology and Reproductive Biology*. 2018 Mar;222:64-69
38. *†Li Y, **Margerison-Zilko C**, Strutz KL, Holzman C. 2018. Life course adversity and miscarriage in a pregnancy cohort. *Women's Health Issues*. S1049-3867(17)30257-8.
39. †Tian Y, Holzman C, Slaughter-Acey J, **Margerison-Zilko C**, Luo Z, Todem D. 2018. Maternal socioeconomic mobility and preterm delivery: a latent class analysis. *Maternal and Child Health Journal*. 22(11):1647-1658.
40. *†Li Y, Luo Z, Liu H, Holzman C, **Margerison CE**. 2018. Paternal race/ethnicity and risk of adverse birth outcomes in the United States, 1989-2013. *AIMS Public Health*. 5(3): 312-323.
41. **Margerison C**, Holzman C, Catov J. 2019. Pregnancy as a window to racial disparities in hypertension. *Journal of Women's Health*. 28(2):152-161.

42. †Zhou G, Holzman C, Luo Z, **Margerison C**. 2018. Maternal serum uric acid levels in pregnancy and fetal growth. *The Journal of Maternal-Fetal and Neonatal Medicine*. Epub ahead of print.
43. **Margerison C**, Li Y, Luo Z. 2019. Economic conditions during pregnancy and preterm birth: a maternal fixed-effects analysis. *Paediatric and Perinatal Epidemiology*. 33(2):154-161.
44. **Margerison C**, Goldman-Mellor S. 2019. Association between rural/urban residence and nonfatal suicidal behavior among California adults. *Journal of Rural Health*. 35(2):262-269.
45. Fleischer NL, Abshire C, **Margerison C**, Nitcheva D, Smith MG. 2019. The South Carolina Multigenerational Linked Birth Dataset: Developing Social Mobility Measures across Generations to Understand Racial/Ethnic Disparities in Adverse Birth Outcomes in the US South. *Maternal and Child Health Journal*. 23(6):787-801.
46. †Cantu P, Kim Y, Sheehan C, Powers D, **Margerison C**, Cubbin C. 2019. Downward neighborhood poverty mobility during childhood is associated with child asthma: Evidence from the Geographic Research on Wellbeing (GROW) Survey. *Journal of Urban Health*. 96(4):558-569.
47. *Goldman-Mellor S, **Margerison C**. 2019 Maternal drug-related and suicide death are leading causes of post-partum death in California. *American Journal of Obstetrics and Gynecology*. 221(5):489.e1-489.e9.
48. **Margerison C**, MacCallum C, Chen J, Zamani-Hank Y, Kaestner R. 2020. Impacts of the 2014 Medicaid Expansion on Preconception Health Among Women of Reproductive Age. *American Journal of Preventive Medicine*. 58(1):1-11.
49. *†MacCallum C, **Margerison C**. 2020. The Affordable Care Act Contraception Mandate & Unintended Pregnancy in Women of Reproductive Age: An Analysis of the National Survey of Family Growth 2008-2015. *Contraception*. 101(1):34-39.
50. Cubbin C, Kim Y, Vohra-Gupta S, **Margerison C**. 2020. Neighborhood economic trajectories are associated with adverse birth outcomes in Texas, 2009-2011. *Social Science and Medicine*. 245:112665.
51. †Kim Y, Cubbin C, Vohra-Gupta S, **Margerison C**. 2020. Neighborhood Racial/Ethnic Density Trajectories and Black-White Differences in Preterm Birth among Women in Texas. *Journal of Urban Health*. 97(1):37-51.
52. **Margerison CE**, Pearson AL, Lin Z, Santiago J. 2021. Changes in residential greenness between pregnancies and birth outcomes: longitudinal evidence from Michigan births 1990-2012. *International Journal of Epidemiology*. 2021 Mar 3;50(1):190-198.
53. **Margerison CE**, Kaestner R, Chen J, MacCallum-Bridges C. 2021. Impacts of Medicaid expansion prior to conception on pre-pregnancy health, pregnancy health, and outcomes. *American Journal of Epidemiology*. Aug 1;190(8):1488-1498.
54. *†Brase, P, MacCallum-Bridges CL, **Margerison CE**. 2021. Racial Inequity in Preterm Delivery Among College-Educated Women: The Role of Racism. *Paediatric and Perinatal Epidemiology*. Jul;35(4):482-490.
55. **Margerison CE**, Hettinger K, Kaestner R, Goldman-Mellor S, Gartner S. Medicaid Expansion Associated With Some Improvements in Perinatal Mental Health. *Health Aff (Millwood)*. 2021

Oct;40(10):1605-1611.

56. Gemmill A, Casey JA, Catalano R, Karasek D, **Margerison CE**, Bruckner T. Changes in preterm birth and caesarean deliveries in the United States during the SARS-CoV-2 pandemic. *Paediatric and Perinatal Epidemiology*. 2022 Jul;36(4):485-489.
A Wiley Publishing Top Cited Article 2021-2022
57. Catalano R, Bruckner T, Casey JA, Gemmill A, **Margerison CE**, Hartig T. Twinning during the pandemic: evidence of selection in utero. *Evolution, Medicine, and Public Health*. 2021 Oct 20;9(1):374-382
58. *†Gartner DR, Kaestner, R, **Margerison CE**. Impacts of the Affordable Care Act's Medicaid expansion on live births. *Epidemiology*. 2022 May 1;33(3):406-414.
59. Gemmill A, Berger B0, Crane MA, **Margerison CE**. Mortality rates among U.S. women of reproductive age, 1999-2019. *American Journal of Preventive Medicine*. 2022 Apr;62(4):548-557.
60. *†Zamani-Hank Y, **Margerison CE**, Talge NM, Holzman C. Differences in psychosocial protective factors by race/ethnicity and socioeconomic status and their relationship to preterm delivery. *Women's Health Reports*. 2022;3(1):243-255.
61. **Margerison CE**, Roberts MH, Gemmill A, Goldman-Mellor S. Pregnancy-associated deaths due to drugs, suicide, and homicide in the United States 2010-2019. *Obstetrics & Gynecology*. 2022 Feb 1;139(2):172-180.
62. Gemmill A, Casey JA, **Margerison CE**, Zeitlin J, Catalano R, Bruckner TA. Patterned outcomes, unpatterned counterfactuals, and spurious results: perinatal health outcomes following COVID-19. *American Journal of Epidemiology*. 2022 Oct 20;191(11):1837-1841.
63. **Margerison CE**, Bruckner TA, MacCallum-Bridges C, Catalano R, Casey JA, Gemmill A. Exposure to the early COVID-19 pandemic and early, moderate, and overall preterm births in the US: a conception cohort approach. *Paediatric and Perinatal Epidemiology*. 2023 Feb;37(2):104-112.
64. †Montgomery BW, Roberts MH, **Margerison CE**, Anthony J. C. Estimating the Effects of Legalizing Recreational Cannabis on Newly Incident Cannabis Use. *PLOS One*. 2022 Jul 21;17(7):e0271720.
65. Johnson JE, Roman L, Key KD, Vander Meulen, M, Raffo JE, Luo, Z., Margerison CE, Olomu A, Johnson-Lawrence V, McCoy White JM, & Meghea C. Study protocol: The Maternal Health Multilevel Intervention for Racial Equity (Maternal Health MIRACLE) Project. *Contemporary Clinical Trials*. 2022 Sep;120:106894.
66. Bruckner T, Bustos B, **Margerison CE**, Gemmill A, Casey JA, Catalano R. Selection in utero against male twins in the US early in the COVID-19 pandemic. *American Journal of Human Biology* 2023 Mar;35(3):e23830.
67. *†Gartner D, Debbink M, Books J, **Margerison C**. Inequalities in cesarean births between American Indian & Alaska Native and White people. *Health Services Research*. 2023 Apr;58(2):291-302.
68. *†Hettinger K., **Margerison CE**. Postpartum Medicaid Eligibility Expansions and Postpartum Health Measures. *Population Health Management*. 2023 Feb;26(1):53-59.
69. **Margerison CE**, Wang X, Gemmill A, Goldman-Mellor S. Changes in pregnancy-associated deaths

in the United States during the 2020 COVID-19 pandemic. *JAMA Network Open*. 2023 Feb 1;6(2):e2254287

****Media coverage of this article: <https://jamanetwork.altmetric.com/details/142033126/news>****

70. *†Gartner D, Islam J, **Margerison CE**. Medicaid expansions and differences in guideline-adherent cervical cancer screening between American Indian and White women. *Cancer Medicine*. 2023 Apr;12(7):8700-8709.
71. Catalano R, Bruckner T, Gemmill A, Casey J, **Margerison C**, and Hartig T. A novel indicator of selection in utero. *Evolution, Medicine, and Public Health* 2023 Jul 19;11(1):244-250.
72. **Margerison CE**, Zamani-Hank Y, Catalano R, Hettinger K, Michling TR, Bruckner TA. Association of the 2021 Child Tax Credit Advance Payments With Low Birth Weight in the US. *JAMA Network Open* 2023 Aug 1;6(8):e2327493.
73. *†Siddika N, Song E, **Margerison CE**, Kramer M, Luo Z. The impact of place-based social and environmental determinants on preterm birth: a systematic review of the empirical evidence. *Health and Place*. 2023 Jul 18;83:103082.
74. *†Zamani-Hank Y, Brincks A, Talge N, Slaughter-Acey J, **Margerison C**. The Association Between Adverse Childhood Experiences and Preterm Delivery: A Latent Class Approach. *Journal of Women's Health*. 2024 Apr;33(4):522-531.
75. *†MacCallum-Bridges C, Gartner D, Hettinger K, Zamani-Hank Y, **Margerison C**. Did the Affordable Care Act promote racial equity in pregnancy-related health?: A scoping review. *Population Health Management*. 2024 Jun;27(3):206-215.
76. *†Gartner D, Hettinger K, Howard H, **Margerison C**. Pregnancy Health Care Engagement among American Indian and Alaska Native People Before and After the Affordable Care Act. *Health Equity*. Published online May 2, 2024.
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77. **Margerison C**, Wang X, Goldman-Mellor S, Muzik M, Gemmill A. Changes in racial and ethnic inequities in pregnancy-associated death during the COVID-19 pandemic. *American Journal of Public Health*. 2024 Jul;114(7):733-742.
78. Catalano R, Bruckner T, Gemmill A, **Margerison C**. The pandemic preterm paradox: A test of competing explanations. *American Journal of Epidemiology*. 2024 Jun 17:kwae128. Epub ahead of print.
79. *Goldman-Mellor S, Jensen J, Sta Cruz S, Olfson M, Gemmill A, Yan Y, **Margerison C**. Trends in and characteristics of pregnancy-associated drug overdose morbidity in California, 2010-2018. *American Journal of Epidemiology*. 2024 Jul 3:kwae177. Epub ahead of print. PMID: 38960721.
80. Gemmill A, **Margerison C**, Stuart EA, Bell SO. Infant Deaths After Texas' 2021 Ban on Abortion in Early Pregnancy. *JAMA Pediatrics*. 2024 Jun 24. Epub ahead of print.
#2 Most-talked-about family planning publications of 2024, Society of Family Planning.
81. *†MacCallum-Bridges C, Kaestner R, Luo Z, Holzman C, Bruckner T, **Margerison C**. The Affordable Care Act dependent coverage provision and unintended pregnancy. *Journal of Women's Health*. 2024 Dec;33(12):1699-1707.
82. **Margerison C**, Wang X, Gemmill A, Goldman-Mellor S. Changes in pregnancy-associated mortality during the COVID-19 pandemic: disparities by rurality. *American Journal of Preventive Medicine*. 2025 Jan;68(1):176-181.

83. *Goldman-Mellor S, Gemmill A, Olfson M, **Margerison C**. Emergency department utilization for postpartum behavioral health problems and assault injury during the COVID-19 pandemic. *Journal of Women's Health*. 2024 Oct 28. doi: 10.1089/jwh.2024.0758. Epub ahead of print.
84. †Sta. Cruz, S., **Margerison C**, Gemmill A, Ha S, Hurd T, Goldman-Mellor S. Trends and disparities in violence-related injury morbidity among pregnant and postpartum individuals. *Annals of Epidemiology*. 2024 Dec;100:50-56.
85. *Goldman-Mellor S, Olfson M, Gemmill A, **Margerison C**. Incidence and risk factors for suicide attempt during pregnancy and the postpartum period. *Journal of Clinical Psychiatry*. 2025 Mar 5;86(2):24m15633.
86. *†Siddika N, Hettinger K, **Margerison C**. Impact of ACA Medicaid Expansion on Pre-pregnancy Dental Care Utilization. *Maternal and Child Health Journal*. 2025 Feb;29(2):217-224.
87. **Margerison CE**, Joachim G, Michling T, Johnson C. Platform-mediated gig work and health: a scoping review. Forthcoming at *American Journal of Industrial Medicine*.
88. **Margerison CE**. *Invited Commentary*: Estimating the impact of hypothetical interventions to reduce disparities in perinatal epidemiology: contributions and considerations. Forthcoming at *Pediatric and Perinatal Epidemiology*.

PEER-REVIEWED PUBLICATIONS UNDER REVIEW (FIRST AUTHOR INDICATES LEAD AUTHOR; *INDICATES MY SENIOR AUTHORSHIP WITH A TRAINEE AS FIRST AUTHOR)

1. **Margerison CE**, Pilkauskas N, Joachim G, Luo Z, Bruckner T. Impacts of the 2021 Child Tax Credit advance monthly payments on birth outcomes in the United States: a natural experiment. Revise and resubmit at *American Journal of Epidemiology*.
2. Goldman-Mellor S, Pathak J, **Margerison C**. Trends in prenatal opioid use disorder in California, 2010-2022. Revise and resubmit at *American Journal of Preventive Medicine*.

OTHER PUBLICATIONS

1. **Margerison-Zilko CE**, Cubbin C, Hayward M. Socioeconomic status and tobacco-related health disparities. In U.S. National Cancer Institute. A Socioecological Approach to Addressing Tobacco Related Health Disparities. National Cancer Institute Tobacco Control Monograph 22. NIH Publication No. 17-CA-8035A. Bethesda, MD: U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute; 2017.
2. **Margerison C.**, MacCallum C., Zamani-Hank Y. 2019 Impacts of the 2014 Medicaid Expansion on Preconception Health among Women of Reproductive Age. Policy Brief for Michigan Applied Public Policy Research Informing the Debate Series. Available at: <http://ippsr.msu.edu/sites/default/files/MAPPR/C%20Margerison%20Impacts%20of%20the%202014%20Medicaid%20Expansion.pdf>
3. Pearson AL, **Margerison C**, Gohar J, Shortridge A. 2022. Trends in severe maternal morbidity hospitalizations (2010-2017): Spatial patterns and differences across rural/urban counties in Michigan. Report to the Michigan Department of Health and Human Services.
4. Vickers E, Hettinger K*, Zamani-Hank Y*, **Margerison C**. Did Cash Transfers from the 2021 Child Tax Credit Expansion Improve Maternal and Infant Health? A Policy Brief. Policy Brief for Michigan Applied Public Policy Research Informing the Debate Series. Available at: <https://ippsr.msu.edu/sites/default/files/MAPPR/Did%20Cash%20Transfers%20from%20the%202021%20Child%20Tax%20Credit%20Expansion%20Improve%20Maternal%20and%20Infant%20Health.pdf>

[202021%20Child%20Tax%20Credit%20Expansion%20Improve%20Maternal%20Infant%20Health.pdf](#)

5. Huria, N, Gartner D, Islam J, **Margerison C**. Medicaid Expansion and Differences in Cervical Cancer Screenings. Public Health Post. June 15, 2023.
<https://www.publichealthpost.org/research/medicaid-expansion-and-differences-in-cervical-cancer-screenings/>

INVITED PRESENTATIONS and ACCEPTED ABSTRACTS

INVITED PRESENTATIONS

1. "Impacts of Economic Downturns on Maternal and Infant Health." Brown Bag Seminar, Population Research Center, University of Texas at Austin, Austin, TX. November 9, 2012.
2. "Multilevel Determinants of Maternal, Infant, and Child Health." Brown Bag Seminar Series, Center for Social Work Research, University of Texas at Austin, Austin, TX. February 6, 2013.
3. "Examining the relation between residential environment and maternal and infant health in an RDC: opportunities and challenges." Texas Census Research Data Center Seminar Series. Texas A&M University, College Station, TX. April 18, 2013.
4. "Beyond the Cross-Sectional: Longitudinal Approaches to Understanding Disparities in Perinatal Health." Center for Social Epidemiology and Population Health, University of Michigan, Ann Arbor, MI. October 30, 2013.
5. "Residential segregation, political empowerment, and adverse birth outcomes." Texas Census Research Data Center Seminar Series. Texas A&M University, College Station, TX. February 18, 2014.
6. "From Macro to Micro: What Matters for Adverse Birth Outcomes?" Michigan Epidemiology Conference Plenary Speaker. East Lansing, MI. March 28, 2014.
7. "From Macro to Micro: What Matters for Adverse Birth Outcomes?" Michigan State University Conference on Women's Health Research. East Lansing, MI. October 6, 2014.
8. "From Macro to Micro: What Matters for Adverse Birth Outcomes?" Department of Pediatrics and Human Development Research Rounds. Michigan State University. March 4, 2015.
9. "Mom's lives matter: life-course approaches to understanding perinatal outcomes." Department of Obstetrics and Gynecology. Michigan State University. June 3, 2015.
10. "Pregnancy and beyond: windows into disparities in women's cardiovascular health." Magee Women's Research Institute Works-in-Progress Seminar. Pittsburgh, PA. October 20, 2015.
11. "Macroeconomic conditions and birth outcomes: selection or causation?" Social Epidemiology Seminar. University of North Carolina, Gillings School of Global Public Health. Chapel Hill, NC. January 25, 2017
12. "Residential segregation, political power, and adverse birth outcomes." Social Science Research Institute and Triangle Research Data Center at Duke University. Durham, NC. January 26, 2017
13. "Residential segregation, political power, and adverse birth outcomes." Carolina Population Center, University of North Carolina. Chapel Hill, NC. January 28, 2017.
14. "The Life Course of Place and its Relevance for Maternal and Infant Health." Obstetrical, Perinatal

and Pediatric Epidemiology Research Team at Center for Research on Epidemiology and Statistics Sorbonne Paris Cité at the National Institute for Health and Medical Research (INSERM). Paris, France. June 28, 2017.

15. "Lifecourse Approaches with Multilevel Data" Impacts of Prenatal Disparities on Early Childhood Outcomes meeting sponsored by: *Eunice Kennedy Shriver* National Institute of Child Health and Human Development and NIH Office of Behavioral and Social Sciences Research. Bethesda, MD November 28-29, 2018.
16. "Pregnancy as a window to inequities in women's health." Invited talk at Indiana University School of Public Health, January 28, 2020.
17. "Pregnancy-associated mortality and morbidity from substance abuse, self-harm, and violence", co-presented with Sidra Goldman-Mellor. Pregnancy and Maternal Conditions That Increase Risk of Morbidity and Mortality Workshop sponsored by: *Eunice Kennedy Shriver* National Institute of Child Health and Human Development. May 19-20, 2020
18. "Health insurance policy and women's perinatal health." Department of Epidemiology & Biostatistics Seminar Series. Michigan State University. February 11, 2021.
19. "Pregnancy as a window to inequities in women's health." Reproductive & Developmental Sciences Program Faculty Seminar Series. May 24, 2021.
20. "Medicaid expansion associated with some improvements in perinatal mental health." Health Affairs Journal Club. October 21, 2021.
21. "Medicaid coverage and postpartum health." 2022 NIH Maternal health & Pregnancy Outcomes Vision for Everyone (IMPROVE) Initiative Awardee Workshop. February 15, 2022.
22. "Pregnancy-associated death due to drug-related causes." Michigan Legislative Opioid Advisory Committee. Lansing MI. December 8, 2022.
23. "Pregnancy: a window to health inequities across the life course." NIH Health Disparities Interest Group/NIMHD DIR Seminar Series. December 13, 2022
24. "Pregnancy: a window to health inequities across the life course." Michigan State University Your Health Lecture Series, Holland MI. January 24, 2023
25. "Medicaid Expansion, the ACA, and Perinatal Health" Racial/Ethnic Differences in Perinatal Outcomes Annual Investigator Meeting at the University of California, Irvine. February 24, 2023
26. "Pregnancy-associated deaths in the United States: trends and disparities." Dean' Town Hall. College of Human Medicine, Michigan State University. March 3, 2023.
27. "Is Policy Change the Answer to the Maternal Health Crisis?". Department of Health, Society, and Behavior Departmental Seminar. University of California, Irvine. April 10, 2024.
28. "Measuring the Maternal Health Crisis". Flint Innovative Solutions Podcast. May 22, 2024.
29. "Inequities in Pregnancy-Associated Death in the United States Before and During the COVID-19 Pandemic". NICHD Science Friday. Virtual. September 27, 2024.
30. "Inequities in and risk factors for pregnancy-associated mortality and morbidity from drugs, suicidality, and violence - before and during the COVID-19 pandemic." Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services. November 20, 2024.

31. "Is Policy Change the Answer to the Maternal Health Crisis?". College of Nursing. Michigan State University. January 21, 2025.
32. "Is Policy Change the Answer to the Maternal Health Crisis?". Department of Psychology. Michigan State University. January 22, 2025.
33. Invited Keynote Speaker for "Past, Present, and Future of Reproductive Health". University of Texas College of Liberal Arts. Austin, Texas. April 17, 2025.

ORAL PRESENTATIONS AT NATIONAL/INTERNATIONAL MEETINGS (*INDICATES SENIOR AUTHORSHIP WITH TRAINEE AS FIRST AUTHOR)

1. Margerison CE, Fung V, Price M, Brand R, Hsu J. Self-reported Out-of-Pocket Drug Costs Under Medicare Part D and Drug Treatment Adherence. Bay Area Clinical Research Conference, San Francisco, CA, 2007.
2. Margerison CE. Maternal pregnancy weight gain and childhood adiposity at age 5. American Public Health Association Annual Meeting, San Diego, CA, 2008
3. Margerison CE, Rehkopf D, Abrams B. Post-partum weight retention and child overweight in a diverse, national sample. Society for Epidemiologic Research Annual Meeting, Anaheim, CA, June 2009.
4. Margerison CE, Mortimer K, Rehkopf D, Abrams B. Effect of gestational weight gain on childhood obesity: a marginal structural modeling approach. Society for Epidemiologic Research Annual Meeting, Anaheim, CA, June 2009.
5. Margerison-Zilko C. Economic contraction and birth outcomes: a review. Population Association of America Annual Meeting, Dallas, TX, 2010.
6. Margerison-Zilko C. Maternal exposure to economic contraction during pregnancy and birth weight for gestational age. Society for Epidemiologic Research Meeting, Seattle, WA, June 2010.
7. Margerison-Zilko C. *Discussant*. "Contextual and Environmental Influences on Children's Health and Well-Being." Population Association of America Annual Meeting, San Francisco, CA. May 2012.
8. Margerison-Zilko C. Economic Contraction and Maternal Pregnancy Behavior in NLSY79. Population Association of America Annual Meeting, San Francisco, CA. May 2012.
9. Margerison-Zilko C. *Chair and Discussant*. "Nutrition, Obesity, and Overweight in Children and Youth." Population Association of America Annual Meeting, New Orleans, LA. April 2013.
10. Margerison-Zilko C. *Organizer and presenter*. "Innovations in neighborhood research: where do we go from here?" Society for Epidemiologic Research Annual Meeting, Boston, MA. June 2013.
11. Margerison-Zilko C. "Beyond the Cross-Sectional: Taking Into Account Residential Mobility and Neighborhood Change in Neighborhood Research." Society for Epidemiologic Research Annual Meeting, Boston, MA. June 2013.
12. Margerison-Zilko C., Cubbin C., Jun J., Marchi K., Martin K., Curtis M., Braveman P. "Neighborhood Poverty and Preterm Birth Revisited: comparing cross-sectional measures to longitudinal trajectories." Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Boston, MA. June 2013.
13. Margerison-Zilko C., Cubbin C., Jun J., Marchi K., Martin K., Curtis M., Braveman P. "Residential mobility in the perinatal period among a statewide representative sample of women, 2003 – 2007." American Public Health Association Annual Meeting, Boston, MA. November 2013.

14. Margerison-Zilko C., Cubbin C., Jun J., Marchi K., Martin K., Curtis M., Braveman P. "Neighborhood Poverty and Preterm Birth Revisited: comparing cross-sectional measures to longitudinal trajectories." American Public Health Association Annual Meeting, Boston, MA. November 2013.
15. Margerison-Zilko C., Li Y., Luo Z. "Economic Downturns during Pregnancy and Adverse Birth Outcomes: US 1989-2013." Population Association of America Annual Meeting, Washington, DC. April 2016.
16. Margerison-Zilko C., Cubbin C., Perez-Patron M. "Residential Segregation, Political Empowerment, and Preterm Birth." Population Association of America Annual Meeting, Washington, DC. April 2016.
17. Ahern J, Colson, KE, Margerison-Zilko C, Hubbard A, Galea S. How does a "big effect" translate to population impact? Epidemiology Congress of the Americas. Miami, FL; June 2016.
18. Margerison-Zilko C.*, Needham B.*, Holzman H. Hypertensive disorders of pregnancy and the intergenerational transmission of weathering. Interdisciplinary Association for Population Health Science. Austin, TX; October 2017. *co-first authors.
19. Margerison C, MacCallum C, Zamani-Hank Y, Kaestner R. Impacts of the 2014 Medicaid Expansion on Preconception Health Among Women of Reproductive Age. Population Association of America Annual Meeting, Denver, CO. April 2018.
20. Margerison C, Goldman-Mellor S. Community-level Determinants of Suicidal Behavior: Preliminary Evidence from California. Network on Life Course Health Dynamics and Disparities Meeting. Boulder, CO. April 2018.
21. Margerison C, MacCallum C, Chen J, Zamani-Hank Y, Kaestner R. Impacts of the 2014 Medicaid Expansion on Pre-Pregnancy Health, Pregnancy Health, and Pregnancy Outcomes. Population Association of American Annual Meeting, Austin, TX. April 2019.
22. *Zamani-Hank Y, Holzman C, Margerison C. Operationalizing the Construct of Resiliency During Pregnancy: Patterns of Social Support by Race/Ethnicity and Socioeconomic Status. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Minneapolis, MN. June 2019.
23. Goldman-Mellor S, Margerison C. Incidence of maternal deaths due to overdose and suicide in California 2010-2012. Society for Epidemiologic Research Annual Meeting, Minneapolis, MN. June 2019.
24. Margerison C. *Panel organizer and presenter*. A Population Health Perspective on US Maternal Health Outcomes and Disparities. Interdisciplinary Association for Population Health Research Annual Meeting. Seattle, WA. October, 2019.
25. *MacCallum C, Margerison C. The Affordable Care Act Contraception Mandate & Unintended Pregnancy in Women of Reproductive Age: An Analysis of the National Survey of Family Growth 2008-2015. Interdisciplinary Association for Population Health Research Annual Meeting. Seattle, WA. October, 2019.
26. *D. Gartner, J. Islam, C. Margerison. Assessing the ACA's impact on racial disparities in reproductive health: What is trust responsibility and why does it matter for understanding the health of Native nations? Symposia presentation at the annual meeting of the Society for Epidemiologic Research. Virtual. Dec 2020.
27. *Hettinger K, Kaestner R, Goldman-Mellor S, Gartner D, Margerison C. Medicaid Expansion Associated with Some Improvements in Perinatal Mental Health. Southern Economic Association.

Houston, TX/virtual. November 22, 2021.

28. *MacCallum-Bridges CL, Luo Z, Kaestner R, Holzman C, Margerison CE. *The impact of the Affordable Care Act on Unintended Pregnancy: Combining epidemiological and econometric methods*. Society of Epidemiologic Research (SER) Student Dissertation Workshop, SER Annual Conference (Virtual). December 2020.
29. Margerison C, Roberts MH, Gemmill A, Goldman-Mellor S. Pregnancy-associated deaths due to drugs, suicide, and homicide in the United States 2010-2019. Population Association of America. Atlanta, GA. April, 2022.
30. *MacCallum-Bridges C, Luo Z, Kaestner R, Holzman C, Bruckner T, Margerison C. The Affordable Care Act dependent coverage provision and unintended pregnancy. Society for Epidemiologic Research Annual Conference. Chicago, IL, June 14-17, 2022.
31. *Hettinger K, Margerison C. Extension of Medicaid to the Postpartum Year: What Do We Know? The Annual Conference of the Association of Health Economists. Austin, TX. June 26-29, 2022.
32. *Roberts M, Margerison C. The Effect of ACA Medicaid Expansion on Pregnancy-Associated Deaths. The Annual Conference of the Association of Health Economists. Austin, TX. June 26-29, 2022.
33. *Hettinger K, Margerison C. Extension of Medicaid to the Postpartum Year: What Do We Know? Association for Public Policy Analysis & Management 2022 Fall Conference. Washington DC. November 17-19, 2022.
34. *Hettinger K, Margerison C. Extension of Medicaid to the Postpartum Year: What Do We Know? T Southern Economic Association 92nd Annual Meeting. Fort Lauderdale, FL. November 19-21, 2022.
35. *Gartner D, *Hettinger K, Margerison C. Equity for American Indian and Alaska Native People in Preconception Healthcare Engagement before and after the Affordable Care Act. AcademyHealth Annual Research Meeting. Seattle, WA. June 24-27, 2023.
36. *Gartner D, *Hettinger K, Margerison C. Equity for American Indian and Alaska Native People in Preconception Healthcare Engagement before and after the Affordable Care Act The Annual Conference of the Association of Health Economists. St. Louis, MO. June 11-14, 2023.
37. *Michling T, Margerison C. Cannabis Legalization and Use During Pregnancy: PRAMS 2016-2022. International Association for Population Health Science Annual Meeting. Saint Louis, MO. September 11-13, 2024.

POSTER PRESENTATIONS AT NATIONAL/INTERNATIONAL MEETINGS (FIRST OR SENIOR AUTHOR ONLY, *INDICATES SENIOR AUTHORSHIP WITH TRAINEE AS FIRST AUTHOR)

1. Margerison-Zilko C. and Cubbin C. "Longitudinal poverty dynamics and development of overweight in children aged 4 to 14." Society for Epidemiologic Research Annual Meeting, Minneapolis, MN. June 2012.
2. Margerison-Zilko C. and Cubbin C. "Associations between education, income, and tobacco-related indicators by race/ethnicity, National Health Interview Survey 2010." Society for Epidemiologic Research Annual Meeting, Minneapolis, MN. June 2012.
3. Margerison-Zilko C. and Cubbin C. "Measuring trajectories of neighborhood poverty in California 1970-2009." Population Association of America Annual Meeting, New Orleans, LA. April 2013.
4. Margerison-Zilko C. "The contribution of maternal birth cohort to term small for gestational age in

- the U.S. 1989-2010: an age, period, and cohort analysis.” Society for Epidemiologic Research Annual Meeting *and* Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Seattle, WA. June 2014.
5. Margerison-Zilko C., Goodman J., Anderson E., Catalano R. “Postterm birth as a response to environmental stress: the case of September 11, 2001.” Society for Epidemiologic Research Annual Meeting *and* Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Seattle, WA. June 2014.
 6. Margerison-Zilko C., Strutz K., Li Y., Holzman C. Stress and preterm birth: multiple domains and points in the life-course. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Denver, CO. June 2015.
 7. Margerison-Zilko C., Li Y., Luo Z. “Unemployment and preterm delivery during the Great Recession.” Epidemiology Congress of the Americas. Miami, FL. June 2016.
 8. Margerison-Zilko C., Talge N., Holzman C. “Trends in preterm delivery in the United States 2006-2012 revisited: magnitude of decline and possible explanations.” Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Miami, FL. June 2016.
 9. Margerison-Zilko C., Catov J., Holzman C. “Pregnancy as a window to racial disparities in hypertension.” Moderated poster session. American Heart Association EpiLifestyles Scientific Sessions. Portland, OR. March 2017.
 10. Margerison C, MacCallum C, Zamani-Hank Y, Kaestner R. Impacts of the 2014 Medicaid Expansion on Preconception Health Among Women of Reproductive Age. Society for Pediatric and Perinatal Research Annual Meeting. Baltimore, MD. June 2018.
 11. *McArdle C, Copeland G, Paneth N, Grady S, Luo Z, Margerison-Zilko C. Maternal Fixed Effects and the Association Between Changes in Neighborhood Deprivation and Perinatal Outcomes. Society for Pediatric and Perinatal Research Annual Meeting. Baltimore, MD. June 2018.
 12. *Zamani-Hank Y, Margerison C, Holzman C. Operationalizing the Construct of Resiliency During Pregnancy: Patterns of Social Support by Race/Ethnicity and Socioeconomic Status. Michigan Epidemiology Conference. East Lansing, MI. March 29, 2019.
 13. *MacCallum C, Margerison C. The Affordable Care Act Contraception Mandate & Unintended Pregnancy in Women of Reproductive Age: An Analysis of the National Survey of Family Growth. Michigan Epidemiology Conference. East Lansing, MI. March 29, 2019.
 14. *Brase P, MacCallum C, Margerison C. Racial inequity in Preterm Birth Among College Educated Women. Michigan Epidemiology Conference. East Lansing, MI. March 29, 2019.
 15. *Ghiasi M, Margerison C. Association between neighborhood ethnic density and maternal and neonatal health conditions: a systematic review. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Minneapolis, MN. June 2019.
 16. *D. Gartner, J. Brooks, R. Hummer, C. Margerison. Application of a clinically-relevant obstetric classification system for improved understanding of low cesarean section delivery among American Indians and Alaska Natives. Poster presentation at the International Meeting on Indigenous Women’s Health. Albuquerque, NM. February 2020.
 17. *MacCallum-Bridges CL, Luo Z, Kaestner R, Holzman C, Margerison CE. The dynamic impact of the Affordable Care Act on unintended pregnancy. American Public Health Association Annual Conference. Denver, CO – presentation given remotely. October 2021.

18. *Fielder C, Margerison C. Racial and ethnic disparities during pregnancy in healthcare settings. University Undergraduate Research and Arts Forum, Michigan State University. East Lansing, MI. March 2022.
19. *MacCallum-Bridges C, Luo Z, Kaestner R, Holzman C, Bruckner T, Margerison C. The Affordable Care Act dependent coverage provision and unintended pregnancy. Society for Pediatric and Perinatal Epidemiologic Research Annual Conference. Chicago, IL, June 14-17, 2022.
20. *Siddika N, Hettinger K, Margerison C. Impact of Medicaid Expansion on Contraception Use Among Low-income Women of Reproductive Age. Society for Pediatric and Perinatal Epidemiologic Research (SPER) Annual Conference. Chicago, IL, June 13-14, 2022.
21. Margerison C, Bruckner T, MacCallum-Bridges C, Catalano R, Casey JA, Gemmill A. Exposure to the early COVID-19 pandemic and early, late, and overall preterm births in the US. Society for Pediatric and Perinatal Epidemiologic Research (SPER) Annual Conference. Chicago, IL, June 13-14, 2022.
22. *Zamani-Hank Y, Brincks A, Talge N, Slaughter-Acey J, Margerison C. Do Religiosity and Spirituality Modify the Association Between Adverse Childhood Experiences and Preterm Delivery? A Latent Class Moderation Analysis. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. Portland, OR. June 12-13, 2023.
23. Margerison C, Wang X, Goldman-Mellor S, Muzik M, Abner K, Gemmill A. Changes in pregnancy-associated mortality in the United States during the COVID-19 pandemic: differences by race and ethnicity. International Association for Population Health Science Annual Meeting. Baltimore, MD. October 2-5, 2023
24. Margerison C, Wang X, Gemmill A, Goldman-Mellor S. Changes in pregnancy-associated mortality during the COVID-19 pandemic: disparities by rurality. Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. Austin, TX. June 16, 2024.

NATIONAL & STATE MEDIA COVERAGE

1. Margerison-Zilko, C. (2017, July). *Public Health Minute: Economic Determinants of Birth Outcomes*. (W. Latimer, Interviewer) [Audio file]. Retrieved from <https://soundcloud.com/publichealthminute/economy-and-birth-outcomes-dr-claire-margerison-zilko>.
2. "Here's how the Great Recession impacted your health." CNN (March 12, 2018). <https://www.cnn.com/2018/03/12/health/great-recession-health-study/index.html>
3. "Overdose, suicide among biggest causes of death for new moms" Michigan Public Radio (June 12, 2019) <https://www.michiganradio.org/post/study-overdose-suicide-among-biggest-causes-death-new-moms>
4. "Suicide and drug overdoses are leading causes of death for new moms, new study finds." Press Play podcast, Los Angeles Public Radio (June 17, 2019) <https://www.kcrw.com/news/shows/press-play-with-madeleine-brand/hollywood-bowl-conductor-thomas-wilkins-music-was-calling-me-by-name/suicide-and-drug-overdoses-are-leading-causes-of-death-for-new-moms-new-study-finds>
5. Green Journal (*Obstetrics and Gynecology*) Podcast Editor's Picks, February 2022. <https://journals.lww.com/greenjournal/pages/podcastepisodes.aspx?podcastid=6>
6. "Maternal mortality jumped 35% during pandemic's 1st 9 months, MSU study shows" Detroit Free Press, March 4, 2023.

[https://urldefense.com/v3/_https://www.freep.com/story/news/health/2023/03/04/pregnant-postpartum-death-covid-pandemic-michigan-state-study/69957897007/_;!!HXCxUKc!yAD6sABDLSeqPDH_yD-1PicJ3Kd2jY9dFH9jVHjyUTCxOMkyLUDdWI8xiF6MmvpZt5GgjPPRI20bo4m\\$](https://urldefense.com/v3/_https://www.freep.com/story/news/health/2023/03/04/pregnant-postpartum-death-covid-pandemic-michigan-state-study/69957897007/_;!!HXCxUKc!yAD6sABDLSeqPDH_yD-1PicJ3Kd2jY9dFH9jVHjyUTCxOMkyLUDdWI8xiF6MmvpZt5GgjPPRI20bo4m$)

EDUCATIONAL ACTIVITIES

INSTRUCTION

- Instructor of record Fall 2023 - present
Scientific Proposal Writing (EPI 935)
Michigan State University, Department of Epidemiology and Biostatistics
- Instructor of record Spring 2016 - present
Social Epidemiology (EPI 977)
Michigan State University, Department of Epidemiology and Biostatistics
- Small Group Leader/Preceptor Spring 2022
Evidence Based Medicine/Epidemiology Intersession
Michigan State University, College of Human Medicine
- Instructor Spring 2014-Spring 2020
Design and Conduct of Observational Epidemiological Studies and Clinical Trials
(LCS/EPI 829)
Michigan State University, Department of Epidemiology and Biostatistics
- Graduate Student Instructor Fall 2010
Epidemiologic Methods II (PH250B)
University of California, Berkeley, School of Public Health, Division of Epidemiology
Evaluation score: 6.3 out of 7.0
- Curriculum Development Assistant Summer 2010
Epidemiologic Methods II (PH250B)
University of California, Berkeley, School of Public Health, Division of Epidemiology
- Graduate Student Instructor Fall 2009
Epidemiologic Methods I (PH250A)
University of California, Berkeley, School of Public Health, Division of Epidemiology
Evaluation score: 6.6 out of 7.0 (2009)

GUEST LECTURES

- “Time Series Analysis in Social Epidemiology.” Guest lecture, Methods in Social Epidemiology, University of California, Berkeley, February, 2011.
- “Maternal exposure to economic contraction and fetal growth: a longitudinal study.” Guest lecture, Social Work Research Methods, University of Texas at Austin, October, 2012.
- “Racial disparities in preterm birth.” Guest lecture, History of Scientific Reasoning and Critical

Thinking in Global Public Health and Epidemiology, Michigan State University, April, 2014 & April, 2015.

- “Disparities in maternal and child health in the U.S.” Guest lecture, Social Science Scholars Seminar, Michigan State University, September, 2014.
- “Social Epidemiology” Guest Lecture, EPI 200 (A Multi-disciplinary Approach to Problems in Global Public Health and Epidemiology), November, 2021
- “Social Epidemiology” Guest Lecture, EPI 200 (A Multi-disciplinary Approach to Problems in Global Public Health and Epidemiology), November, 2022
- “Race, racism, and health” Guest Lecture, Summer Research Opportunities (SROP) Program Health Disparities Short Course, May 22, 2023
- “Pregnancy: A window into health inequities” Guest Lecture, Summer Research Opportunities (SROP) Program Health Disparities Short Course, May 25, 2023

MENTORING

Junior faculty

- Amy Saxe Custack, PhD, MPH, RDN, Assistant Professor of Pediatrics and Human Development, College of Human Medicine Mentor
 - Bin Gu, PhD, Assistant Professor of Obstetrics & Gynecology, College of Human Medicine Mentor
 - Eunhee Li, PhD. Assistant Professor of Physiology, College of Human Medicine Mentor
 - Danielle Gartner, PhD. Assistant Professor of Epidemiology and Biostatistics, Departmental Mentor
 - Candice Johnson, PhD. Assistant Professor of Epidemiology and Biostatistics, Departmental Mentor
 - Samantha Gailey, PhD. 1855 Assistant Professor of Environmental Health Equity, MIRACLE Collaborating Scholar Mentor
-

Post-doctoral fellows

- Laura Drew, MPH PhD: Post-doctoral Research Associate 2023-present
- Nazeeba Siddika, MPH PhD: Post-doctoral Research Associate 2021-2023
- Danielle Gartner, MS PhD: Post-doctoral Research Associate 2019-2021

Pre-doctoral graduate students

- *Primary advisor*
 - Meredith Cahill, MPH: Michigan State University, PhD student in epidemiology, 2024 - present
 - Tim Michling, MPH, MPA: Michigan State University, PhD student in epidemiology, 2022 - present
 - Yasamean Zamani-Hank, MPH, PhD: Michigan State University, PhD student in epidemiology, 2017-2022, successfully defended dissertation August, 2022
 - Colleen MacCallum, MS, PhD: Michigan State University, PhD student in epidemiology, 2017-2022, successfully defended dissertation May, 2022
 - Cristin McArdle, MPH, PhD: Michigan State University, PhD student in epidemiology, 2014-2019, successfully defended dissertation December, 2019
 - Yu Li, MPH, PhD: Michigan State University, PhD student in epidemiology, 2013-2017, successfully defended dissertation September, 2017

- *Dissertation committee member*
 - Matthew Myers, PhD student in epidemiology, 2023-present
 - Alicynne Glazier, PhD student in epidemiology, 2022 – present
 - Hannah Pierson, PhD student in sociology, 2022 – present
 - Jazib Gohar, Michigan State University, DO/PhD in epidemiology, 2020-present
 - Katlyn Hettinger, Michigan State University, PhD student in economics, 2020-2023
 - Barrett Montgomery, Michigan State University, PhD student in epidemiology, 2020-2021
 - Vitri Widyaningsih, Michigan State University, PhD student in epidemiology, 2016-2018
 - Yan Tian, Michigan State University, PhD student in epidemiology, 2015-2017
 - Gouli Zhou, Michigan State University, PhD student in epidemiology, 2015-2016

Medical students

- Emma Zblewski, MD/PhD student in anthropology, 2022 - present
- Lauren Chapman, MD student, 2023- present

Masters-level graduate students

- *Thesis advisor*
 - Brandi Bartell, MS in epidemiology, 2023-present
 - Lauren Wisnieski, MS in epidemiology, 2014-2016
- *Committee member*
 - Katie Patterson, MS in epidemiology, 2022-present

Undergraduate students

- Nadia Blake, Equity in Biostatistics and Epidemiology Student Training undergraduate intern, 2024
- Bria Campbell, Equity in Biostatistics and Epidemiology Student Training undergraduate intern, 2023-2024
- Kelsey Abner, Undergraduate Professorial Assistant and research intern, 2022- present
- Cameron Fielder, Equity in Biostatistics and Epidemiology Student Training undergraduate intern, 2021-2022
- Elizabeth Pauley, Undergraduate Professorial Assistant and research intern, 2019-2023
- Piper Brase, Undergraduate Professorial Assistant and research intern, 2018-2021
- Dukernse Augustin, Michigan State University Summer Research Opportunities Program (SROP) undergraduate student, summer 2017
- Katherine Groesbeck, Undergraduate Professorial Assistant and research intern, 2013-2016
- Bryonna Collier, Undergraduate research intern, supervised research internship, fall 2015

UNIVERSITY SERVICE

UNIVERSITY SERVICE

- 2023-2025: Faculty Senate and University Council

COLLEGE SERVICE

- 2024-2025: Search Committee, Department of Medicine 1964/1855 Professor in Health Disparities
- 2021-2025: two-term elected departmental representative, College of Human Medicine College Advisory Council

- 2021-present, College of Human Medicine Mentoring Program mentor
- 2018-2020: elected member, College of Human Medicine Research Committee
- November 2019: College of Human Medicine COE Career Development Program grant reviewer

DEPARTMENTAL SERVICE

- 2024-2027: Chair, Reappointment, Promotion, and Tenure committee
- 2024 – present: Director, Epidemiology and Biostatistics Departmental Mentoring Program
- 2020 – present: Founder & Director of Equity in Biostatistics and Epidemiology Student Training (EQ-BEST) Undergraduate Internship Program
- 2023-2024: Chair, Epidemiology Search Committee
- 2023: Member, 1855 Professor Search Committee
- 2023: Temporary member, Reappointment, Promotion, and Tenure committee
- 2019-2022: Chair, Qualifying Exam Committee
- 2021: Lead, Epidemiology MS/PhD Curriculum Working Group
- 2021: Chair, Epidemiology Search Committee
- 2021–2022: Leadership Advisory Committee in Epidemiology and Biostatistics
- 2018: Member, Epidemiology & Biostatistics Chair Search Committee
- 2018: Chair, Comprehensive Exam Review Ad-Hoc Committee
- 2017-2018: Member, Epidemiology Search Committee
- 2017-2018: Member, Biostatistics Search Committee
- 2014-2018: Member, Graduate Program Committee; meet biweekly to review applicants and discuss issues related to individual students
- 2014: Member, ad hoc curriculum review committee; helped review curriculum, compare to other universities, and revise course offerings

PROFESSIONAL MEMBERSHIPS and ACTIVITIES

PROFESSIONAL MEMBERSHIPS

- | | |
|---|--------------|
| • Society for Epidemiologic Research (SER) | 2008-present |
| • Society for Pediatric and Perinatal Epidemiologic Research (SPER) | 2009-present |
| • Population Association of America (PAA) | 2009-present |
| • Interdisciplinary Association for Population Health Science (IAPHS) | 2017-present |
| • Scholar's Strategy Network (SSN) | 2017-present |

PROFESSIONAL SERVICE

- | | |
|---|--------------|
| • Editorial Board, <i>Paediatric and Perinatal Epidemiology</i> | 2023-2025 |
| • Executive Board Member-at-Large, SPER | 2018-2022 |
| • Founder & Chair, SPER Equity Advisory Board | 2019-2022 |
| • National Quality Forum's Maternal Mortality and Morbidity Committee | 2020-2021 |
| • Abstract reviewer for SPER Annual Meeting | 2014-present |
| • Abstract reviewer for SER Annual Meeting | 2014-present |
| • Member of committee organizing roundtable discussions for SPER Annual Meeting | 2016 |
| • Poster judge for SPER Annual Meeting | 2016 |

GRANT PROPOSAL REVIEW

- | | |
|---------------------------------|----------|
| • National Institutes of Health | Nov 2021 |
|---------------------------------|----------|

Healthcare Delivery and Methodologies Study Section *ad hoc* reviewer

- National Institutes of Health
Social Sciences & Population Studies A Study Section *ad hoc* reviewer
Feb 2021
Oct 2022
July 2024
- Tobacco Related Disease Research Program review panel
2018

JOURNAL REVIEW (2014-PRESENT: AVERAGE 6 PER YEAR)

American Journal of Epidemiology, Epidemiology, American Journal of Public Health, American Journal of Preventive Medicine, Women's Health Issues, Annals of Epidemiology, Pediatric and Perinatal Epidemiology, Journal of Perinatology, Social Science and Medicine, Journal of Health and Social Behavior, Social Science and Medicine Population Health, Health and Place, Maternal and Child Health Journal, Drug and Alcohol Dependence, Social Sciences

COMMUNITY SERVICE

- East Lansing Public Schools School-Based Health Center
Community Advisory Council
2023-present
- Girls on the Run, coach
2020
- East Lansing Public Schools Wellness Committee, member
2019