

**CLAIRE E. MARGERISON**  
Department of Epidemiology and Biostatistics  
Michigan State University  
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## **EDUCATION**

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<b>University of California School of Public Health</b> PhD, Epidemiology Berkeley, CA	2011
<b>University of California School of Public Health</b> MPH, Epidemiology and Biostatistics Berkeley, CA	2008
<b>Tufts University</b> B.A. Biology Summa Cum Laude Medford, MA.	2001

## **PROFESSIONAL EXPERIENCE**

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<b>Associate Professor</b> College of Human Medicine, Department of Epidemiology and Biostatistics Michigan State University; East Lansing, MI	2019-present
<b>Assistant Professor</b> College of Human Medicine, Department of Epidemiology and Biostatistics Michigan State University; East Lansing, MI	2013-2019
<b>Faculty Affiliate</b> Center for Social Epidemiology and Population Health University of Michigan; Ann Arbor, MI	2014-present
<b>Faculty Affiliate</b> Institute for Public Policy and Social Research Michigan State University; East Lansing, MI	2016-present
<b>Post-doctoral Fellow</b> School of Social Work and Population Research Center University of Texas at Austin; Austin, TX	2011-2013
<b>Graduate Student Researcher</b> University of California, Berkeley; Berkeley, CA	2006-2011
<b>Programmer Analyst</b> , Kaiser Division of Research; Oakland, CA	2007-2008

## **GRANTS and CONTRACTS**

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### CURRENT

R01 Research Grant funded by *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD).

Title: Policy Change and Women's Health.

\$1,884,665 total direct costs 2019-2024. **(Principal Investigator)**

K01 Mentored Career Development Award funded by National Heart, Lung, and Blood Institute (NHLBI).

Title: "Pregnancy and beyond: windows into disparities in women's cardiovascular health."

\$615,667 total direct costs 2015-2020. **(Principal Investigator)**

### PENDING

R01 Research Proposal

Title: Pregnancy-associated mortality and morbidity due to drugs, self-harm, and violence in the United States

\$3.2 million total costs 2020-2025 **(Principal Investigator)**

### COMPLETED

R03 Small Grant Proposal funded by *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD).

Title: "Economic conditions during pregnancy and birth outcomes"

\$100,000 total direct costs 2015-2017. **(Principal Investigator)**

Pilot Proposal under National Institute of Aging R24 AG045061 program (Network on Life Course Health Dynamics and Disparities in 21<sup>st</sup> Century America).

Title: "Community-level Determinants of Suicidal Behavior: Preliminary Evidence from California"

\$9,904 total costs 2017-2018. **(Principal Investigator)**

Pilot Proposal under the Michigan Applied Public Policy Research Grant Program. Title: "Impacts of the 2014 ACA Medicaid expansion on pre-conception and pregnancy health in Michigan and across the United States.

\$25,000 costs 2017-2018. **(Principal Investigator)**

Texas Census Research Data Center Proposal Development Grant.

Title: "Examining relations between residential segregation, political empowerment, and adverse birth outcomes among US births from 2008-2010."

\$2,175 total costs 2013. **(Principal Investigator)**

### NOT FUNDED

R01 Research Grant submitted to NHLBI.

Title: Accelerated Biological Aging during Pregnancy: A Risk and Resilience Framework. **(Principal Investigator)**

## HONORS and AWARDS

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- 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)

## PUBLICATIONS

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PEER-REVIEWED JOURNAL ARTICLES (FIRST AUTHOR INDICATES LEAD AUTHOR; \*INDICATES MY SENIOR AUTHORSHIP WITH A STUDENT AS FIRST AUTHOR)

1. Catalano RA, **Margerison Zilko CE**, Saxton KB, Bruckner T. 2010. Selection in utero: a biological response to mass layoffs. *American Journal of Human Biology*. 22(3):396-400.
2. **Margerison Zilko CE**, Rehkopf D, Abrams B. 2010. Associations of gestational weight gain with short- and long-term maternal and child health outcomes. *American Journal of Obstetrics and Gynecology*. 202(6):574.
3. **Margerison Zilko CE**. 2010. Economic contractions and birth outcomes: An integrative review. *Human Reproduction Update*. 16(4):445-58.
4. Catalano R, **Margerison-Zilko C**, Saxton K, LeWinn K, Anderson E. 2011. Reconstructing Dose: A Critique of McEniry's "Infant Mortality, Season of Birth, and the Health of Older Puerto Rican Adults." *Social Science and Medicine*. 72(6):1016-7. Invited commentary.
5. Catalano R, Goldman-Mellor S, Saxton K, **Margerison-Zilko C**, Subbaraman M, LeWinn K, Anderson E. 2011. The Health Effects of Economic Decline. *Annual Review of Public Health*. 32:431-50.
6. Bruckner T, **Margerison-Zilko CE**, Brown R. 2011. Positive income shocks and accidental death among Cherokee Indians: A natural experiment. *International Journal of Epidemiology*. 40(4):1083-90.
7. **Margerison-Zilko CE**, Hubbard A, Catalano RA, Ahern J. 2011. Maternal exposure to unexpected economic contraction and birth weight for gestational age. *Epidemiology*. 22(6):855-8.
8. Bruckner T, **Margerison-Zilko CE**. 2012. Humans and models: converging 'truths'. *International Journal of Epidemiology*. 41(1):314-5.
9. Catalano RA, Goodman J, **Margerison-Zilko CE**, Saxton KB, Anderson E, Epstein M. 2012. Selection Against Small Males *In Utero*: a Test of the Wells Hypothesis. *Human Reproduction*. 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. 2012. Hormonal Evidence Supports the Theory of Selection in Utero. *American Journal of Human Biology*. 24(4):526-32.
11. **Margerison Zilko CE**, Shrimali BP, Eskenazi B, Lahiff M, Lindquist AR, Abrams BF. 2012. Trimester of maternal gestational weight gain and offspring body weight at birth and age five. *Maternal and Child Health Journal*. 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. 2012. Natural Selection in Utero Induced by Mass Layoffs: The hCG Evidence. *Evolutionary Applications*. 5(8):796-805.
13. Cubbin C, Jun J, **Margerison-Zilko CE**, Sherman J, McCray T, Parmenter B. 2012. Social inequalities in neighborhood conditions: Spatial relationships between sociodemographic and food environments in Alameda County, California. *Journal of Maps*. 8(4):348-348.
  14. **Margerison-Zilko CE.**, Cubbin C. 2012. Socioeconomic disparities in tobacco-related health outcomes across race/ethnic groups in the United States: National Health Interview Survey 2010. *Nicotine and Tobacco Research*. 6:1161-5.
  15. Ahern J, **Margerison-Zilko CE**, Hubbard A, Galea S. 2013. Alcohol outlets and binge drinking in urban neighborhoods: the implications of non-linearity for intervention and policy. *American Journal of Public Health*. 103(4):e81-7.
  16. **Margerison-Zilko CE.**, Cubbin C. 2013. Dynamic poverty experiences and development of overweight in a national sample of US children ages 4 to 14. *Obesity*. 21(7):1438-45.
  17. **Margerison-Zilko CE.** 2014. 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*. 24(6):432-40.
  18. **Margerison-Zilko CE.** 2014. The contribution of maternal birth cohort to term small-for-gestational-age in the U.S. 1989-2010: an age, period, and cohort analysis. *Pediatric and Perinatal Epidemiology*. 28(4):312-21.
  19. **Margerison-Zilko CE**, Goodman JA, Anderson E, Catalano RA. 2015. Postterm birth as a response to environmental stress: the case of September 11, 2001. *Evolution, Medicine, and Public Health*. Jan 16;2015(1):12-20.
  20. **Margerison-Zilko CE**, Cubbin C, Jun J, Marchi K, Fingar K, Braveman P. 2015. Beyond the Cross-Sectional: Neighborhood Poverty Histories and Preterm Birth. *American Journal of Public Health*. 105(6):1174-80.
  21. Catalano R., Goodman J., **Margerison-Zilko C.**, Falconi A., Gemmill A., Karasek D., Anderson E.. 2016. Timing of birth: Parsimony favors strategic over dysregulated parturition. *American Journal of Human Biology*. 28(1):31-5
  22. **Margerison-Zilko C**, Cubbin C, Jun J, Marchi K, Braveman P. 2016. Post-partum residential mobility among a statewide representative sample of California women, 2003 – 2007. *Maternal and Child Health Journal*. 20(1):139-48.
  23. **Margerison-Zilko C**, Goldman-Mellor S, Falconi A, Downing J. 2016. Health impacts of the Great Recession: A critical review. *Current Epidemiology Reports*. 3(1):81-91. Invited review.
  24. Catov JM and **Margerison-Zilko C.** 2016. Pregnancy as a window to future health: short term costs and consequences. *American Journal of Obstetrics and Gynecology*. 215(4):406-7. Invited editorial.
  25. Ahern J, Colson KE, **Margerison-Zilko C**, Hubbard A, Galea S. 2016. Estimating population health impacts of potential community interventions: an illustration with alcohol outlet density and binge drinking. *American Journal of Public Health*. 106(11):1938-1943.
  26. Goldman-Mellor S., **Margerison-Zilko C**, Allen K, Cerdá M. 2016. Perceived and objectively-measured neighborhood violence and adolescent psychological distress. *Journal of Urban Health*. 93(5):758-769.

27. **Margerison-Zilko C**, Strutz KL, Li Y, Holzman C. 2017. Stressors across the life-course and preterm delivery: a prospective cohort study. *Maternal and Child Health Journal*. 21(3):648-658.
28. Walsemann KM, Child S, Heck K, **Margerison-Zilko C**, Braveman P, Marchi K, Cubbin C. 2017. Neighborhood Poverty Histories and Psychosocial Well-Being: The Geographic Research on Wellbeing (GROW) Study. *Journal of Epidemiology and Community Health*. 71(6):558-564.
29. Kane JB and **Margerison-Zilko C**. 2017. Theoretical insights into two key sources of stress in the preconception social environment that contribute to poor perinatal health. *Population Health and Policy Review*. 36(5):639-669.
30. Kramer MR, Schneider EB, Kane JB, **Margerison-Zilko C**, Jones-Smith J, King K, Davis-Kean P, Grzywacz J. 2017. Getting under the skin: children's health disparities as embodiment of social class. *Population Health and Policy Review*. 36(5):671-697.
31. **Margerison-Zilko C**, Perez-Patron M, Cubbin C. 2017. Residential segregation, political power, and preterm birth in the U.S. 2008-2010. *Health and Place*. 46:13-20.
32. Sheehan C, Cantu P, Powers D, **Margerison-Zilko C**, Cubbin C. 2017. Long-term neighborhood poverty trajectories and obesity. *Health and Place*. 46:49-57.
33. **Margerison-Zilko C**, Li Y, Luo Zhehui. 2017. Economic conditions during pregnancy and adverse birth outcomes among singleton live births in the U.S., 1990-2013. *American Journal of Epidemiology*. 186(10):11391-1139
34. **Margerison-Zilko C**, Talge N, Holzman C. 2017. Preterm Delivery Trends by Race/Ethnicity in the United States, 2006-2012. *Annals of Epidemiology*. 27(11):689-694.
35. \*Wisnieski L, Kerver J, Holzman C, **Margerison-Zilko C**. 2018. Breastfeeding and Risk of Metabolic Syndrome in Children and Adolescents: A Systematic Review. *Journal of Human Lactation*. 34(3):515-525.
36. Sheehan C, Powers D, **Margerison-Zilko C**, McDevitt T, Cubbin C. 2018. Historical Neighborhood Poverty Trajectories and Child Sleep. *Sleep Health*. 4(02):127-134.
37. Zhou G, Holzman C, Luo Z, **Margerison C**. 2018. Maternal serum uric acid levels and blood pressure during pregnancy: a community-based cohort study. *European Journal of Obstetrics and Gynecology and Reproductive Biology*. 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. *Pediatric 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**. 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. Impacts of the 2014 Medicaid Expansion on Preconception Health Among Women of Reproductive Age. *American Journal of Preventive Medicine*. Epub ahead of print.
49. \*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. *Contraception*. Epub ahead of print.
50. Cubbin C, Kim Y, Vohra-Gupta S, **Margerison C**. Neighborhood economic trajectories are associated with adverse birth outcomes in Texas, 2009-2011. Forthcoming at *Social Science and Medicine*.
51. Kim Y, Cubbin C, Vohra-Gupta S, **Margerison C**. Neighborhood Racial/Ethnic Density Trajectories and Black-White Differences in Preterm Birth among Women in Texas. Forthcoming at *Journal of Urban Health*.

#### 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>

## **ABSTRACTS and PRESENTATIONS (Listing only those as presenting author)**

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### INVITED TALKS

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.

ORAL PRESENTATIONS AT NATIONAL/INTERNATIONAL MEETINGS (\*INDICATES SENIOR AUTHORSHIP WITH A STUDENT 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.

POSTER PRESENTATIONS AT NATIONAL/INTERNATIONAL MEETINGS (FIRST OR SENIOR AUTHOR ONLY, \*INDICATES SENIOR AUTHORSHIP WITH A STUDENT 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. \*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.
12. \*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.
13. \*Brase P, MacCallum C, Margerison C. Racial inequity in Preterm Birth Among College Educated Women. Michigan Epidemiology Conference. East Lansing, MI. March 29, 2019.
14. \*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.

#### **NATIONAL MEDIA COVERAGE**

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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>

## **EDUCATIONAL ACTIVITIES**

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### INSTRUCTION

- Instructor Spring 2016 - present  
Social Epidemiology (EPI 977)  
Michigan State University, Department of Epidemiology and Biostatistics
- Instructor Spring 2014-present  
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.

### STUDENTS MENTORED

Post-doctoral fellows

- Danielle Gartner, MS PhD: Post-doctoral Research Associate 2019-present

Pre-doctoral graduate students

Margerison

- *Primary advisor*
  - Colleen MacCallum, MS: Michigan State University, PhD student in epidemiology, 2017-present
  - Yasamean Zamani-Hank, MPH: Michigan State University, PhD student in epidemiology, 2017-present
  - Cristin McArde, MPH: Michigan State University, PhD student in epidemiology, 2014-2019, successfully defended dissertation December, 2019
  - Yu Li, MPH: Michigan State University, PhD student in epidemiology, 2013-2017, successfully defended dissertation September, 2017
- *Dissertation committee member*
  - Yan Tian, Michigan State University, PhD student in epidemiology, 2015-2017
  - Gouli Zhou, Michigan State University, PhD student in epidemiology, 2015-2016
  - Vitri Widyaningsih, Michigan State University, PhD student in epidemiology, 2016-2018
  - Yan Zhang, Michigan State University, PhD student in sociology, 2016-present

#### Masters-level graduate students

- *Primary advisor*
  - Lauren Wisnieski, Michigan State University, MS student in epidemiology, 2014-2016

#### Undergraduate students

- Elizabeth Pauley, Michigan State University, undergraduate in Honors College, research advisor, 2019-present
- Piper Brase, Michigan State University, undergraduate in Honors College, research advisor, 2018-present
- Dukernse Augustin, Michigan State University Summer Research Opportunities Program (SROP) undergraduate student, summer 2017
- Katherine Groesbeck, Michigan State University, undergraduate student with minor in epidemiology, supervised senior research project and served as informal advisor 2013-2016
- Bryonna Collier, Michigan State University, undergraduate student, supervised research internship, fall 2015

## UNIVERSITY SERVICE

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### COLLEGE SERVICE

- 2018-2020: member, College of Human Medicine Research Committee
- November 2019: College of Human Medicine Career Development Program grant reviewer

### DEPARTMENTAL SERVICE

- 2019-2022: Chair, Qualifying Exam Committee
- 2018: member, Epidemiology & Biostatistics Chair Search Committee
- 2018: chair, Comprehensive Exam Review 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

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### PROFESSIONAL SERVICE

- National Quality Forum's Maternal Mortality and Morbidity Committee 2020-2021
- Executive Board Member-at-Large, SPER 2018-present
- 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

- Tobacco Related Disease Research Program review panel 2018

### COMMUNITY SERVICE

- Scholar's Strategy Network, member 2017-present
- East Lansing Public Schools Wellness Committee, member 2019-present
- Girls on the Run, coach 2020

### 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
- American Public Health Association (APHA) 2007-present
- American Heart Association (AHA) 2015-present
- Interdisciplinary Association for Population Health Science (IAPHS) 2017-present

### JOURNAL REVIEW (2012-PRESENT)

- *American Journal of Epidemiology*
- *Epidemiology*
- *American Journal of Public Health*
- *Annals of Epidemiology*
- *Pediatric and Perinatal Epidemiology*
- *Social Science and Medicine*
- *Journal of Health and Social Behavior*
- *Social Science and Medicine Population Health*
- *Journal of Adolescent Health*
- *Health and Place*
- *Maternal and Child Health Journal*
- *Drug and Alcohol Dependence*
- *Environmental Health*
- *Biodemography and Social Biology*
- *Pediatric Obesity*
- *Journal of Development Origins of Health and Disease*
- *Social Sciences*