


Curriculum Vitae

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature  Date 03/19/2024

I. Personal Information

I.A. UID, Last Name, First Name, Middle Name, Contact Information

Thoma, Marie Elizabeth
Department of Family Science
School of Public Health
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University of Maryland, College Park
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Google Scholar profile: scholar.google.com/citations?user=UDfe5pUAAAAJ&hl=en

I.B. Academic Appointments at UMD

Aug. 2022- Present	Associate Professor Department of Family Science School of Public Health University of Maryland College Park, MD
Nov. 2016 – present	Faculty Associate Maryland Population Research Center University of Maryland College Park, MD
Aug. 2016 – July 2022	Assistant Professor Department of Family Science School of Public Health University of Maryland College Park, MD

I.D. Other Employment

- Jan. 2013 – **Senior Service Fellow, Statistician**
Aug. 2016 Reproductive Statistics Branch, Division of Vital Statistics,
National Center for Health Statistics,
Centers for Disease Control and Prevention
Hyattsville, MD
- Dec. 2009 – **Postdoctoral Intramural Research Training Award (IRTA) Fellow**
Jan. 2013 Epidemiology Branch, Division of Intramural Population Health Research,
Eunice Kennedy Shriver National Institute of Child Health and Human
Development, National Institutes of Health
Rockville, MD
- Jun. 2005 – **Graduate Research Assistant**
Jul. 2009 Department of Population, Family, and Reproductive Health, Johns
Hopkins Bloomberg School of Public Health, Johns Hopkins University
Baltimore, MD
- Aug. 2002 – **Research Program Coordinator**
Aug. 2004 Rakai Health Sciences Program, Johns Hopkins Bloomberg School of
Public Health, Johns Hopkins University
Baltimore, MD
- Nov. 2000 – **Research Program Coordinator**
Jul. 2002 Rakai Health Sciences Program, Mailman School of Public Health,
Columbia University
New York, NY

I.E. Educational Background

- January 2013 Postdoctoral Fellow, Epidemiology Branch, Division of Intramural
Population Health Research, National Institutes of Health
Rockville, MD
- May 2010 PhD, Department of Population, Family, and Reproductive Health
Johns Hopkins Bloomberg School of Public Health
Baltimore, MD (GPA: 4.0)
- May 2010 MHS, Department of Biostatistics, Johns Hopkins Bloomberg School of
Public Health (GPA: 4.0)
Baltimore, MD
- May 2000 BA, Department of Anthropology, Nutrition minor, *summa cum laude*
University of Pennsylvania (GPA: 3.8)
Philadelphia, PA

Fall 1998 Pacific Island Studies
School for International Training
Samoa/Fiji

I.G. Professional Certifications, Licenses, and Memberships

2019 – present Member, Interdisciplinary Association for Population Health Science
2016 – present Member, Association of Teachers of Maternal and Child Health
2014 – present Member, Population Association of America
2011 – present Member, Society for Pediatric and Perinatal Epidemiologic Research
2010 – present Member, Delta Omega Honors Society Gamma Zeta (UMD), formerly Alpha Chapter (JHSPH)

II. Research, Scholarly, Creative and/or Professional Activities

Publications

II.B. Chapters

1. **Thoma, ME.**, Fledderjohann, J, Cox, C, Kantum Adageba, R. "[Biological and Social Aspects of Human Infertility: A Global Perspective](#)." In Oxford Encyclopedia of Sexual and Reproductive Health. Ed. Andreea Creanga and Amy Tsui. New York: Oxford University Press, March 2021.

II.C. Refereed Journals

II.C.1. Refereed Journal Articles

1. #De Silva DA, Anderson EA, Kim J, Ting Lee ML, ***Thoma ME**. The association between prenatal food insecurity and breastfeeding initiation and exclusive breastfeeding duration: A longitudinal study using Oregon PRAMS and PRAMS-2, 2008-2015. *Breastfeeding Medicine*, 2024. *Accepted*.
2. Biswas R, **Thoma M**, Kong X. [Functional data analysis to characterize disease patterns in frequent longitudinal data: application to bacterial vaginal microbiota patterns using weekly Nugent scores and identification of pattern-specific risk factors](#). *BMC Med Res Methodol*. 2023 Oct 26;23(1):251.
3. Eliason EL, **Thoma ME**, Steenland MW. Differences in Use of Fertility Treatment Between People With Medicaid and Private Health Insurance Coverage in the United States. *Womens Health Issues*. 2023 Jul-Aug; 33(4): 367-373.
4. **Thoma ME**, Declercq ER. Changes in Pregnancy-Related Mortality Associated With the Coronavirus Disease 2019 (COVID-19) Pandemic in the United States. *Obstet Gynecol*. 2023;141(5):911-917.

5. **Thoma ME**, #De Silva DA, Kim J, Hodges L, Guthrie J. Breastfeeding Initiation Trends by Special Supplemental Nutrition Program for Women, Infants, and Children Participation and Race/Ethnicity Among Medicaid Births. *J Nutr Educ Behav*. 2023;55(3):170-181.
6. Cox CM, **Thoma ME**, Tchangalova N, Mburu G, Bornstein MJ, Johnson CL, Kiarie J. Infertility prevalence and the methods of estimation from 1990 to 2021: a systematic review and meta-analysis. *Hum Reprod Open*. 2022;2022(4):hoac051. Published 2022 Nov 12.
7. **Thoma ME**, Declercq ER. All-Cause Maternal Mortality in the US Before vs During the COVID-19 Pandemic. *JAMA Netw Open*. 2022 Jun 1;5(6):e2219133.
8. #De Silva DA, ***Thoma ME**, Anderson EA, Kim J. Infant sex-specific associations between prenatal food insecurity and low birthweight: a multi-state analysis. *J Nutr*. 2022 Jun 9; 152(6):1538-1548.
9. #Mallick LM, **Thoma ME**, Shenassa ED. The role of doulas in respectful care for communities of color and Medicaid recipients. *Birth*. 2022 Dec;49(4):823-832.
10. #Street, T., Lewin, A., Woodall, K., Cruz-Cano, R., **Thoma, M.**, & Stander, V. A. Gender differences in marital and military predictors of service member career satisfaction. *Family Relations*. 2022, 71(4), 1515– 1537.
11. MacDorman MF, **Thoma M**, Declercq E, Howell EA. The relationship between obstetrical interventions and the increase in U.S. preterm births, 2014-2019. *PLoS One*. 2022 Mar 30;17(3):e0265146.
12. MacDorman MF, **Thoma M**, Declercq E, Howell EA. Racial and Ethnic Disparities in Maternal Mortality in the United States Using Enhanced Vital Records, 2016–2017. *Am J Public Health*. 2021 Sep;111(9):1673-1681
13. #Gleason JL, ***Thoma ME**, #Zukerman Willinger N, Shenassa ED. Endometriosis and Uterine Fibroids and Their Associations with Elevated C-Reactive Protein and Leukocyte Telomere Length Among a Representative Sample of U.S. Women: Data from the National Health and Nutrition Examination Survey, 1999-2002. *J Womens Health (Larchmt)*. 2021 Aug 26.
14. McLain AC, **Thoma ME**, Hartnett C, Zhang J. Length-biased semicompeting risks models for cross-sectional data: An application to current duration of pregnancy attempt data. *Ann of Appl Stat*. 2021 June; 15(2):1054-1067.
15. MacDorman MF, **Thoma M**, Declercq E, Howell EA. [Causes contributing to the excess maternal mortality risk for women 35 and over, United States, 2016-2017](#). *PLoS One*. *PLoS One*. 2021 Jun 29;16(6):e0253920.
16. #Alkhalaf Z, Kim K, Kuhr DL, Radoc JG, Purdue-Smithe A, Pollack AZ, Yisahak SF,

- Silver RM, **Thoma M**, Kissell K, Perkins NJ, Sjaarda LA, Mumford SL. Markers of vitamin D metabolism and premenstrual symptoms in healthy women with regular cycles. *Hum Reprod*. 2021 Jun 18;36(7):1808-1820.
17. Eisenberg M, **Thoma M**, McLain A. Trends in time-to-pregnancy in the United States: 2002 to 2017. *Hum Reprod*. 2021 May, deab107.
 18. MacDorman M, **Thoma ME**, DeClercq E. [Improving US maternal mortality reporting by analyzing literal text on death certificates, United States, 2016-2017](#). *PLoS One*. 2020 Oct 28;15(10):e0240701. [PMID: 33112910].
 19. #Gleason JL, Shenassa ED, ***Thoma ME**. Stressful life events, the incidence of infertility, and the moderating effect of maternal responsiveness: a longitudinal study. *J Dev Orig Health Dis*. 2020 Aug 3:1-9. [PMID: 32741397].
 20. #Vafai Y, **Thoma ME**, Steinberg JR. The effect of timing of depression onset on first teenage pregnancy experience. *J Adolesc Health*. 2020 Apr 5. [PMID: 32268997].
 21. **Thoma ME**, Brotman RM, Gray RH, Sewankambo NK, Wawer MJ. Risk and protective factors associated with BV chronicity among women in Rakai, Uganda. *Sex Transm Infect*. 2020 Aug;96(5):380-386. [PMID: 31601641].
 22. #Drew L, Mittal M, **Thoma M**, Harper C, Steinberg J. Multiple Types of Intimate Partner Violence and Effectiveness Level of Contraceptive Selection Post-Abortion. *J Women's Health (Larchmt)*. 2020 Aug;29(8):1142-1149. [PMID: 31721639].
 23. #De Silva DA, ***Thoma ME**. The association between interpregnancy interval and severe maternal morbidities using revised national birth certificate data: A probabilistic bias analysis. *Paediatr Perinat Epidemiol*. 2020 Jul;34(4):469-480. Epub 2019 Jun 23. [PMID: 31231858].
 24. **Thoma ME**, #Drew LB, Hirai A, Kim T, Fenelon A, Shenassa E. Black-White Disparities in Preterm Birth: Geographic, Social, and Health Determinants. *Am J Prev Med*. 2019 Nov;57(5):675-686. Epub 2019 Sep 25. [PMID: 31561920].
 25. Loyola Briceno AC, Ahrens KA, **Thoma ME**, Moskosky S. Availability of Services Related to Achieving Pregnancy in U.S. Publicly Funded Family Planning Clinics. *Women's Health Issues*. 2019 Nov-Dec;29(6):447-454.
 26. **Thoma ME**, Rossen LM, #De Silva DA, Warner M, Simon AE, Moskosky S, Ahrens KA. Beyond birth outcomes: Interpregnancy interval and injury-related infant mortality. *Paediatr Perinat Epidemiol*. 2019 Sep 12. [PMID: 31512273]
 27. #Gleason J, **Thoma ME**, Shenassa E. Self-reported infertility and metabolic and cardiovascular dysfunctions among US women. *Fertil Steril*. 2019 Jan;111(1):138-146. [PMID: 30458992].

28. **Thoma ME**, #De Silva DA, MacDorman MF. Examining Interpregnancy Intervals and Maternal and Infant Health Outcomes using U.S. Vital Records: Important Considerations for Analysis and Interpretation. *Paediatr Perinat Epidemiol*. 2019 Jan;33(1):O60-O72. [PMID: 30320453].
29. Hutcheon J, Moskosky S, Ananth C, Basso O, Briss P, Ferre C, Frederiksen B, Harper S, Hernandez-Diaz S, Hirai A, Kirby R, Klebanoff M, Lindberg L, Mumford S, Nelson H, Platt R, Rossen L, Stuebe A, **Thoma M**, Vladutiu C, Ahrens K. Good practices for the design, analysis, and interpretation of observational studies on birth spacing and perinatal health outcomes. *Paediatr Perinat Epidemiol*. 2019 Jan;33(1):O15-O24. [PMID: 30311958].
30. Ahrens K, Hutcheon J, Ananth C, Basso O, Briss P, Ferre C, Frederiksen B, Harper S, Hernandez-Diaz S, Hirai A, Kirby R, Klebanoff M, Lindberg L, Mumford S, Nelson H, Platt R, Rossen L, Stuebe A, **Thoma M**, Vladutiu C, Moskosky S. Report of the Office of Population Affairs' expert work group meeting on short birth spacing and adverse pregnancy outcomes: Methodological quality of existing studies and future directions for research. *Paediatr Perinat Epidemiol*. 2019 Jan;33(1):O5-O14. [PMID: 30300948].
31. Ahrens KA, **Thoma M**, Copen C, Frederiksen B, Decker E, Moskosky S. Unintended pregnancy and interpregnancy interval by maternal age, National Survey of Family Growth. *Contraception*. 2018 Jul;98(1):52-55. [PMID: 29501647].
32. Kasman A, **Thoma ME**, McLain AC, Eisenberg ML. Association between use of marijuana and infertility in men and women: findings from the National Survey of Family Growth. *Fertil Steril*. 2018 May;109(5):866-871. [PMID: 29555335].
33. MacDorman MF, Declercq E, **Thoma ME**. Trends in Texas maternal mortality by maternal age, race/ethnicity, and cause of death, 2006-2015. *Birth*. 2018 Jun;45(2):169-177. [PMID: 29314209].
34. Ahrens KA, Rossen LM, **Thoma ME**, Warner M, Simon AE. Birth order and injury-related infant mortality in the U.S. *Am J Prev Med*. 2017 Oct;53(4):412-420. [PMID: 28666774].
35. MacDorman MF, Declercq E, **Thoma ME**. Trends in maternal mortality by sociodemographic characteristics and cause of death in 27 states and the District of Columbia. *Obstet Gynecol*. 2017 May;129(5):811-818. [PMID: 28383383].
36. Polis C, Cox C, Tunculp O, McLain A, ***Thoma M**. Estimating infertility prevalence in low-to-middle-income countries: an application of a current duration approach to Demographic and Health Survey data. *Hum Reprod*. 2017 May 1;32(5):1064-1074. [PMID: 28204493].
37. Ahrens K, **Thoma ME**, Rossen LM, Warner M, Simon A. Plurality of birth and infant mortality due to external causes in the United States, 2000-2010. *Am J Epidemiol*. 2017 Mar 1;185(5):335-344. [PMID: 28180240].

38. Smarr M, Sapra K, Gemmill A, Kahn L, Wise L, Lynch C, Factor-Litvak P, Mumford S, Skakkebaek N, Slama R, Lobdell D, Stanford J, Jensen T, Boyle EH, Eisenberg M, Turek P, Sundaram R, **Thoma ME**, Buck Louis G. Is human fecundity changing? A discussion of research and data gaps precluding us from having an answer. *Hum Reprod*. 2017 Mar 1;32(3): 499-504. [PMID: 2813775].
39. Wagman JA, Charvat B, **Thoma ME**, Ndyanabo A, Nalugoda F, Ssekasanvu J, Kigozi G, Serwadda D, Kagaayi K, Wawer MJ, Gray RH. Intimate partner violence as a Predictor of Marital Disruption in Rural Rakai, Uganda: A Longitudinal Study. *Int J Public Health*. 2016 Nov;61(8):961-970. [PMID: 27624624].
40. Wagman J, Gray RH, Campbell J, **Thoma M**, Ndyanabo A, Ssekasanvu J, Nalugoda F, Kagaayi J, Nakigozi G, Serwadda D, Brahmbhatt H. Effectiveness of an integrated intimate partner violence and HIV prevention intervention in Rakai, Uganda: analysis of an intervention in an existing cluster randomised cohort. *Lancet Glob Health*. 2015 Jan;3(1):e23-33. [PMID:25539966]
41. McLain AC, Sundaram R, **Thoma ME**, Buck Louis GM. Semi-parametric grouped backward recurrence Cox model for the analysis of current duration data with preferential reporting. *Stat Med*. 2014 Oct 15;33(23):3961-72. [PMID:24862959]
42. Hunsberger S, Albert P, **Thoma ME**. Approaches for retrospective sampling for longitudinal transition regression models. *Statistics and its Interface*. 2014; 7(1): 75-85.
43. Cheon K, **Thoma ME**, Kong X, Albert PS. A mixture of transition models for heterogeneous longitudinal ordinal data: with applications to longitudinal bacterial vaginosis data. *Stat Med*, 2014 Aug 15;33(18):3204-13. [PMID: 24676689]
44. Buck Louis GM., Hediger ML, Bell EM, Kus CA, Sundaram R, McLain A, Yeung E, Hills EA, **Thoma ME**, Druschell CM. Methodology for establishing a population-based birth cohort focusing on couple fertility and children's health, the Upstate KIDS study. *Paediatr Perinat Epidemiol*. 2014 May; 28(3): 191-202. [PMID: 24665916]
45. #Louis JF, ****Thoma ME**, McLain AC, King RB, Trumble AC, Sundaram R, Buck Louis GM. The prevalence of couple infertility in the United States from a male perspective: evidence from a nationally-representative sample, *Andrology*, 2013 Sep; 1(5): 741-8. [PMID: 23843214].
46. **Thoma ME**, Louis JF, McLain AC, King RB, Trumble AC, Sundaram R, Buck Louis GM. Prevalence of infertility in the United States as estimated by the current duration approach and a traditional constructed approach. *Fertil Steril*. 2013 Apr;99(5): 1324-1331. [PMID: 23290741].
47. **Thoma ME**, Hediger ML, Sundaram R, Chen Z, Peterson CM, Croughan MS, Buck Louis GM, for the ENDO Study Working Group. Comparing apples and pears: women's

Perceptions of Their Body Size and Shape. *J Womens Health (Larchmt)*. 2012 Oct;21(10):1074-81. [PMID: 22873752]

48. #Sanders KL, **Thoma ME**, Yu K, Albert PS. An evaluation of the natural history of bacterial vaginosis using transition models. *Sex Transm Dis*. 2011 Dec;38(12):1131-6. [PMID: 22082724]
49. **Thoma ME**, Gray RH, Kiwanuka N, Wang MC, Sewankambo N, Wawer M. The natural history of bacterial vaginosis (BV) diagnosed by Gram stain among women in Rakai, Uganda. *Sex Transm Dis*. 2011 Nov;38(11):1040-1045. [PMID: 21992981]
50. **Thoma ME**, Klebanoff M, Rovner A, Nansel T, Neggers Y, Andrews W, Schwebke J. Bacterial vaginosis (BV) is associated with dietary indices. *J Nutr*. 2011, Sep;141(9):1698-704. [PMID: 21734062]
51. **Thoma ME**, Gray RH, Kiwanuka N, Wang MC, Aluma S, Sewankambo N, Wawer M. The Short-term Variability of Bacterial Vaginosis (BV) Diagnosed by Nugent gram stain criteria among sexually active women in Rakai, Uganda. *Sex Transm Dis*. 2011 Feb;38(2):111-6. [PMID: 20921931]
52. **Thoma ME**, Gray RH, Kiwanuka N, Wang MC, Aluma S, Sewankambo N, Wawer M. Longitudinal changes in vaginal microbiota composition assessed by Gram-stain among never sexually active pre- and postmenarcheal adolescents in Rakai, Uganda. *J Pediatr Adolesc Gynecol*. 2011 Feb;24(1):42-7. [PMID: 20709584]

II.C.2. Invited Reviews of Journal Articles

1. MacDorman MF, Declercq E, **Thoma ME**. Making vital statistics count: preventing U.S. maternal deaths requires better data. *Obstet Gynecol*. 2018, May;131(5):759-761. [PMID: 29630026].
2. **Thoma ME**. Measuring infertility: searching for consensus. *J Womens Health (Larchmt)*. 2015 Jul; 24(7):541-3. [PMID: 26172995].

II.C.3. Perspectives, Opinions, and Letters

1. **Thoma ME**, #Mallick L, Hodges L, Guthrie J. Breastfeeding initiation by WIC receipt after formula shortages in 2022. *JAMA*, 2024 Feb 27.
2. Declercq E, **Thoma M**. Measuring US Maternal Mortality. *JAMA*, 2023 Nov 14.
3. **Thoma ME**, De Silva DA, Kim J, Hodges L, Guthrie J. Response to: “Breastfeeding Initiation Trends by Special Supplemental Nutrition Program for Women, Infants, and Children Participation and Race/Ethnicity Among Medicaid Births.” *J Nutr Educ Behav*. 55 (9), 693-694.

4. Polis C, Cox C, Tunculp O, McLain A, ***Thoma M.** Re.The use of time to pregnancy for estimating and monitoring human fecundity from demographic and health surveys. *Epidemiology.* May 24, 2021.
5. Creanga AA, **Thoma ME**, MacDorman M. Value and disvalue of the pregnancy checkbox on death certificates in the United States -- Impact on newly released 2018 maternal mortality data. *Am J Obst Gyn.* 2020 Jun.
6. Ahrens KA, **Thoma ME**, Rossen LM. Interpregnancy interval and adverse pregnancy outcomes: an analysis of successive pregnancies. *Obstet Gynecol.* 2017Aug;130(2):464.
7. Gray RH, **Thoma M**, Kiwanuka N, Serwadda D, Wawer M. HIV transmission through health care in sub-Saharan Africa. *Lancet.* 2004 Nov.6-12; 364(9446):1666.
8. **Thoma M**, Gray RH, Kiwanuka N, Serwadda D, Wawer M. Unsafe injections and transmission of HIV-1 in sub-Saharan Africa. *Lancet.* 2004 May 15; 363(9421):1650-1. [PMID: 15145649]

II.D. Published Conference Proceedings

II.D.1. Refereed Conference Proceedings

1. **Thoma M**, Declercq E. U.S. maternal mortality increased after onset of the COVID-19 pandemic. *Ann Epidemiol.* 2022 Sep;73:54. Epub 2022 Sep 5.
2. **Thoma M**, De Silva D, Kim J, Hodges L, Guthrie J. Breastfeeding Initiation Trends by WIC Participation and Race/Ethnicity Among Low-Income Women in 24 States, United States, 2009–2017. *Current Developments in Nutrition.* 6 (Suppl 1), June 2022, p.721.
3. Shenassa ED, #Gleason JL, Willinger NZ, ***Thoma ME**. Endometriosis and Uterine Fibroids, Harbingers of Premature Aging? A Study of US Women (1999-2002). *Ann Epidemiol* 2020; 52:107-108.
4. #De Silva DA, ***Thoma ME**. Maternal food insecurity and childhood obesity: a sex-specific response? American College of Epidemiology (ACE) Annual Meeting, September 2020, College Park, MD. *Ann Epidemiol* 2020;49:75.
5. #De Silva DA, ***Thoma ME**. Prenatal food insecurity and initiation and exclusive duration of breastfeeding. American College of Epidemiology (ACE) Annual Meeting, September 2020, College Park, MD. *Ann Epidemiol* 2020;49:81.
6. Ryan, GL, **Thoma, ME**, Holcombe, A, Sadler, A, Van Voorhis, BJ, Christy, AY, Mengeling, MA. Associations between infertility and sexual health in US female and male Veterans. 2020 American Society for Reproductive Medicine Annual Meeting. *Fertil Steril*, 114(3, S), E218. September 2020.

7. Ryan, GL, **Thoma, ME**, Holcombe, A, Sadler, A, Van Voorhis, BJ, Christy, AY, Mengeling, MA. Military service and medical associations with infertility in US Veterans. 2020 American Society for Reproductive Medicine Annual Meeting. *Fertil Steril*, 114(3, S), E25. September 2020.
8. **Thoma, ME**, Mengeling, MA, Sadler, A, O'Shea, AMJ, Torner, JC, Stern, JE, Van Voorhis, BJ, Christy, AY, & Ryan, GL. Infertility among veterans: Variation in definitions and sociodemographic characteristics. 2020 American Society for Reproductive Medicine Annual Meeting. *Fertil Steril*, 114(3, S), E243. September 2020.

II.E. Conferences, Workshops, and Talks

*Note: # denotes student or advisee, * denotes senior author*

II.E.2. Invited Talks

1. **Thoma ME** (Invitation only workshop). NVSS Modernization – New Opportunities for Interoperable Data: Data Users. Sponsored by the National Center for Science and Engineering Statistics (NCSES) within the National Science Foundation (NSF) and the National Center for Health Statistics within the Centers for Disease Control and Prevention. April 12, 2024.
2. **Thoma ME**. Trends in pregnancy-associated unintentional overdose deaths, United States, 2018-2021: An analysis using national vital statistics data. Maternal Child Health Bureau, Health Resources and Services Administration, RESFEST 2023, October 12, 2023.
3. **Thome ME**. Discussion with Marie Thoma on Maternal Health. Expert Speaker for Agency for Healthcare Research and Quality Directors Series. June 12, 2023.
4. **Thoma ME** and Declercq E. Tracking Maternal Mortality during the COVID-19 Pandemic: Implications for Future Maternal Health (online). Maternal Child Health Bureau and National Institute for Child Health and Human Development Special Learning Opportunity Series. May 30, 2023.
5. **Thoma ME**. Tracking Maternal Mortality during the COVID-19 Pandemic: Data Considerations and Implications for Maternal Health. Seminar Series, Department of Epidemiology and Biostatistics, School of Public Health, University of Maryland. April 20, 2023.
6. **Thoma ME**. [Approaches for Assessing Infertility in Population-based Studies](#). World Health Organization Global Infertility Prevalence Estimates Webinar (online), Human Reproduction Programme, UNDP, UNFPA, UNICEF, WHO, World Bank, April 4, 2023.
7. **Thoma ME**. The Impact of the Pandemic on Maternal Health in the United States. Together Program, Department of Family Science, University of Maryland. January 31, 2023.

8. **Thoma ME**, De Silva D, Kim J, Hodges L, Guthrie J. Does Breastfeeding Initiation Vary by WIC Participation and Race/Ethnicity? An Examination of Long-Term Trends from 2009-2017. National Collaborative on Childhood and Obesity Research – Connect and Explore Webinar. January 11, 2023.
9. **Thoma ME** (Panel Member). Abortion Policies and Obstetric Health Consequences. Dobbs and Disparities. Dept. of African American Studies, University of Maryland. November 3, 2022.
10. **Thoma ME** (Panel Member). Abortion Policies and Obstetric Health Consequences. Reproductive Rights and Public Health Post Dobbs. Interdisciplinary Dialogue series. The University Libraries, University of Maryland. October 18th, 2022.
11. **Thoma ME**. [Breaking the Silence on Infertility](#) – Policy Brief and Awareness video. Share-Net International and International Planned Parenthood Federation. Webinar. January 25th, 2022.
12. **Thoma ME**. Systematic Review on Infertility Estimates and Their Methods of Estimation. Introduction and Background. WHO Technical Consultation on Estimates of Infertility Prevalence. July 6-8th, 2021. (Virtual)
13. **Thoma ME**. Breaking the Silence on Infertility: Approaches for Measuring Infertility and Infertility Service Provision. Maryland Population Research Center, University of Maryland. March 31, 2020. College Park, MD. [Postponed due to COVID-19]
14. **Thoma ME**. The Life Course Perspective. Pew Charitable Trust Calling All Sectors Convening Meeting. October 16th and 17th, 2019. Washington D.C.
15. **Thoma ME**. Breaking the Silence on Infertility: Challenges and Opportunities. Johns Hopkins Bloomberg School of Public Health, Department of Population, Family, and Reproductive Health – *Amazing Alums* series. November 13, 2019. Baltimore, MD. (Received Distinguished Population, Family, and Reproductive Health Alumni certificate)
16. **Thoma ME**. Breaking the Silence around Infertility – Co-Creation Conference, Share Net International. *Workshop participant*. October 8-10, 2019. Amsterdam, Netherlands.
17. **Thoma ME**. Maternal Mortality in the United States. Future Research Directions. *Eunice Kennedy Shriver* National Institute of Child Health and Human Development scientific workshop. *Workshop participant*. May 2-3, 2019. Rockville, MD.
18. **Thoma ME**. Why is the Maternal Mortality Rate so High in DC and How Do We Address It? The Lab @ DC. Washington D.C. May 31, 2018.
19. **Thoma ME**. Expert Workgroup Meeting on Birth Spacing and Adverse Pregnancy Outcomes. Measurement Issues with U.S. Vital Records Data – Assessment of Interpregnancy Intervals and selected sociodemographic, maternal, and perinatal outcomes. Office of Population Affairs. Rockville, MD. September 14-15, 2017.

20. **Thoma ME.** Estimating the prevalence of infertility in low-to-middle-income countries. The Guttmacher Institute, New York, NY. May 11th, 2017.
21. **Thoma ME.** Infertility in the United States: More than Just Pregnancy or Its Absence. Department of Family Science, University of Maryland, College Park. College Park, MD. March 23, 2016.
22. **Thoma ME.** Infertility Prevalence in the United States: An Application of a Current Duration Approach. Department of Sociology and Anthropology, University of Maryland, Baltimore County. Catonsville, MD. December 14, 2015.
23. **Thoma ME.** Infertility Prevalence in the United States: An Application of a Current Duration Approach. Office of Population Affairs, Department of Health and Human Services. Rockville, MD. December 9, 2015.
24. **Thoma ME.** Population-based Measurement of Fecundity: Considerations for Data Collection and Surveillance. Is Human Fecundity Changing? (Workshop and Webinar) *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, NIH. Bethesda, MD. Sept. 10-11, 2015.
25. **Thoma ME.** The estimation of infertility prevalence in the United States – application of a current duration approach to a nationally representative sample. Intramural Research Program on Reproductive and Adult Endocrinology, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, NIH. Bethesda, MD. Feb. 7, 2014.

II.E.3. Refereed Presentations

1. **Thoma M**, #Mallick L, Hodges L, Guthrie J. Changes in Breastfeeding Initiation Among Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) Participants and WIC-Eligible Nonparticipants following 2022 Disruptions to the U.S. Infant Formula Market. Oral presentation at the 2024 Population Association of America Annual Meeting, Columbus, OH, April 2024.
2. #Mallick L, Mittal M, ***Thoma M**. The relationship between postpartum pain and postpartum depression: An analysis of Listening to Mothers III Longitudinal Data. Oral presentation at the 2024 Population Association of America Annual Meeting, Columbus, OH, April 2024.
3. Hodges L, Guthrie J, Mallick L, **Thoma M**. Breastfeeding initiation trends by WIC participation status. Oral presentation at the National WIC Association Annual meeting, Chicago, IL. April 2024.
4. #Ibrahimi S, ***Thoma M**. The association between Afghan women’s autonomy and experience of domestic violence in a nationally representative sample. Oral presentation at the 2023 American Public Health Association, Boston, MA. November 2023.

5. MacDorman M, **Thoma ME**, DeClercq E, Howell L. Reexamining racial and ethnic disparities in maternal mortality in the United States using enhanced vital records. Oral presentation at the 2021 Population Association of America Meeting, Maternal Morbidity and Mortality, April 2021 (Virtual).
6. #Gleason JL, ***Thoma ME**, Shenassa ED. Linking Stressful Life Experiences to the Incidence of Infertility: A Longitudinal Examination of Women from the National Longitudinal Survey of Youth, 1997 Cohort. Oral presentation at the 2020 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, December 2020, Boston, MA (Virtual).
7. Ryan, GL, **Thoma, ME**, Holcombe, A, Sadler, A, Van Voorhis, BJ, Christy, AY, Mengeling, MA. Military service and medical associations with infertility in US Veterans. 2020 American Society for Reproductive Medicine Annual Meeting. October 2020 (Virtual).
8. **Thoma M**, Rossen L, Nguyen Q. Novel population-based approaches for examining health disparities. Oral presentation at the 2020 American College of Epidemiology Annual Meeting, September 2020, College Park, MD. (Virtual)
9. **Thoma M**, #Ahmed N, #Gleason J, #Arrey A. Conducting Public Health Surveillance and Communicating Data in Maternal and Child Health. Association of Schools and Programs in Public Health: Undergraduate Summit. Crystal City, VA. March 2020. [*Canceled due to COVID-19*]
10. #Gleason JL, **Thoma ME**, Shenassa ED. Linking Stressful Life Experiences to the Incidence of Infertility: A Longitudinal Examination of Women from the National Longitudinal Survey of Youth, 1997 Cohort. Oral presentation at the 2019 American Public Health Association Annual Meeting, Philadelphia, PA. November 2019.
11. Mann D, **Thoma M**, Moser-Jones M, Renfrew M. Infant Mortality and Race in Rural MD: Data, Lessons Learned, and Opportunities. Panel presentation at the 2019 Maryland Rural Health Conference. Oxon Hill, MD. October 2019.
12. #Drew LB, Grantz K, ***Thoma ME**. Association between macrosomia and neonatal morbidities in the United States. Oral presentation at the American Public Health Association 2018 Annual Meeting in San Diego, CA. November 2018.
13. #Gleason J, **Thoma ME**, Shenassa E. Self-reported infertility and metabolic and cardiovascular dysfunctions among US women. Oral presentation to the 2018 American Public Health Association conference, November 2018, San Diego, CA.
14. **Thoma ME**, #Drew LB, Kim T, Hirai A, Shenassa E, Fenelon A. Estimating the contribution of social and health determinants to racial disparities in preterm birth in the United States.

Oral presentation at the 2018 Population Association of America Annual Meeting (Disparities in Birth Outcomes in the United States), Denver, CO.

15. G. Ryan, **M. Thoma**, B. Van Voorhis, J. E. Stern, C. H. Syrop, M. Mengeling, A. O'Shea, K. Stewart, J. Torner, A. Sadler. Reproductive Health Risk Due to Sexual and Combat-Related Trauma in U.S. Veterans. Oral presentation at the 2017 American Society for Reproductive Medicine Scientific Congress and Expo, San Antonio, TX, Oct. 28-Nov 1, 2017.
Impact: Awarded prize paper at 2017 ASRM conference.
16. Drew LB, Mittal M, **Thoma ME**, Steinberg JR. Multiple types of intimate partner violence and effectiveness level of contraceptive selection post-abortion. Oral presentation at the 2016 National Council on Family Relations Annual Conference, November 2016, Minneapolis, MN.
17. **Thoma ME**, Almond S. Elearning to Improve Birth Data Quality – Coming soon to a hospital near you. Oral presentation at the National Efforts to Improve Health with Vital Statistics Plenary of the 2016 National Association for Public Health Statistics and Information Systems (NAPHSIS) Annual Meeting, June 2016, Kansas City, MO.
18. **Thoma ME**, Almond S. Birth Data Quality Elearning System Demonstration. Oral presentation at the 2016 National Association for Public Health Statistics and Information Systems (NAPHSIS) Annual Meeting, June 2016, Kansas City, MO.
19. Cox C, Polis C, Tunculp O, McLain A, ***Thoma M**. Estimating the prevalence of infertility in Nigeria: application of a current duration methodological approach to Demographic and Health Survey data. Oral presentation at the 2016 Population Association of America conference, March/April 2016, Washington, D.C.
20. Martin J, Lee E, Curtin S, **Thoma M**, Almond, S. Assessing and improving the quality of the new birth data – the good, the bad, and the under-reported. Oral presentation at the 2015 National Conference on Health Statistics, August 2015, Bethesda, MD.
21. Martin J, Backus K, Reed P, Horon I, Ashliman M, **Thoma M** on behalf of the Birth Data Quality Workgroup. Collaborating to Bridge the Birth Data Quality Gap. Oral presentation at the Data Quality Plenary of the 2015 National Association for Public Health Statistics and Information Systems (NAPHSIS) Annual Meeting, June 2015, Pittsburgh, PA.
22. Curtin S, Granlund H, **Thoma M**. New Data on Source of Payment for Delivery: Results and Strategies for Improvement. Statistics Plenary. Oral presentation at the 2015 National Association for Public Health Statistics and Information Systems (NAPHSIS) Annual Meeting, June 2015, Pittsburgh, PA.
23. Wagman J, Gray R, Campbell, **Thoma M**, Ndyanabo A, Ssekasanvu J, Nalugoda F, Nakigozi G, Kagaayi J, Serwadda D, Brahmhatt H. Impact of an intimate partner violence and HIV prevention intervention: A cluster randomized trial in Rakai, Uganda.

Oral presentation at the 7th Biennial Conference on Health and Domestic Violence, March 2015, Washington D.C.

24. Wagman J, Gray R, Campbell J, Ndyanabo A, Nalugoda F, Kagaayi J, Nakigozi G, Serwadda D, Brahmbhatt H, **Thoma M**, Rakai Health Sciences Program Research Team. A cluster randomized trial of the impact of an intimate partner violence and HIV prevention intervention on emotional, physical, and sexual abuse, sexual risk, and HIV incidence in Rakai, Uganda. Oral presentation at the 20th International AIDS Conference, July 2014, Melbourne, Australia.
25. Curtin SC, **Thoma ME**, Uddin S, Martin JM. Preterm Birth and Low Birth Weight by Source of Payment for the Delivery: New Data from the Birth Certificate. Oral presentation at the Population Association of America 2014 Annual Meeting. May 2014, Boston, MA.
26. McLain AC, Sundaram R, **Thoma ME**, Buck Louis GM. Semi-parametric grouped backward recurrence Cox model for the analysis of current duration data with preferential reporting. Oral presentation (Methods for assessing environmental factors on reproductive outcomes) at the 2013 Joint Statistical Meetings, August 2013, Montreal, Canada.
27. McLain AC, Sundaram R, **Thoma ME**, Buck Louis GM. Semi-parametric grouped backward recurrence Cox model for the analysis of current duration data with preferential reporting. Oral presentation at the 2nd Workshop on Biostatistics and Bioinformatics, Georgia State University, Atlanta, GA. May 12, 2013.
28. **Thoma ME**, Louis JF, McLain AC, King RB, Trumble AC, Sundaram R, Buck Louis GM. A comparison of measurement approaches for estimating the prevalence of infertility in the National Survey of Family Growth. Oral presentation (Plenary session) at the 2012 Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2012, Minneapolis, MN.
29. Cheon K, **Thoma ME**, Kong X, Albert PS. A mixture of Markov models for heterogeneous longitudinal ordinal data: with applications to analyzing longitudinal bacterial vaginosis data. Oral presentation at the Eastern North American Region of the International Biometric Society Spring Meeting, April 2012, Washington D.C.
30. **Thoma ME**, Hediger ML, Sundaram R, Chen Z, Peterson CM, Croughan MS, Buck Louis GM, for the ENDO Study Working Group. Comparing “apples and pears”: How well do women perceive their body size and shape? Oral presentation at the American Society for Reproductive Medicine 67th Annual Meeting, October 2011, Orlando, FL.
31. Gray R, Wawer M, **Thoma M**, Serwadda D, Nalugoda F, Li X, Kigozi G, Kiwanuka N, Laeyendecker, Quinn T. Male Circumcision and the risks of female HIV and sexually transmitted infections acquisition in Rakai, Uganda. Oral presentation at the 13th Conference on Retroviral and Opportunistic Infections, February 2006. Denver, CO.

II.E.6. Refereed Posters

1. **Thoma ME**, DeClercq E. U.S. maternal mortality increased after onset of the COVID-19 pandemic. Poster Presentation at the 2022 American College of Epidemiology Annual Meeting, September 2022. Scottsdale, AZ (presented virtually).
2. **Thoma ME**, De Silva D, Kim J, Hodges L, Guthrie J. Breastfeeding initiation trends vary by WIC participation and race/ethnicity among term Medicaid births, 24 U.S. states, 2009-2017. Poster Presentation at the American Society for Nutrition - Nutrition 2022 Live Online. June 2022 (Virtual).
3. Ryan, GL, **Thoma ME**, Holcombe A, Sadler A, Van Voorhis BJ, Christy AY, Mengeling MA. Associations between infertility and sexual health in US female and male Veterans. 2020 American Society for Reproductive Medicine Annual Meeting. October 2020. (Virtual)
4. **Thoma, ME**, Mengeling, MA, Sadler, A, O'Shea, AMJ, Torner, JC, Stern, JE, Van Voorhis, BJ, Christy, AY, & Ryan, GL. Infertility among veterans: Variation in definitions and sociodemographic characteristics. 2020 American Society for Reproductive Medicine Annual Meeting. October 2020. (Virtual)
5. Shenassa ED, Gleason JL, Willinger NZ, ***Thoma ME**. Endometriosis and Uterine Fibroids, Harbingers of Premature Aging? A Study of US Women (1999-2002). Poster presentation at the 2020 American College of Epidemiology Annual Meeting, September 2020, College Park, MD. (Virtual)
6. #Drew LB, Stobenau K, Madhavan S, Mittal M, Maring EF, ***Thoma ME**. The relationship between female genital cutting and recent sexual activity in Nigeria. Poster presentation at the 2020 Interdisciplinary Association for Population Health Science Conference. September, 2020. (Virtual)
7. #De Silva DA, ***Thoma ME**. Maternal food insecurity and childhood obesity: a sex-specific response? Poster presentation at the 2020 American College of Epidemiology (ACE) Annual Meeting, September 2020, College Park, MD (Virtual).
8. #De Silva DA, ***Thoma ME**. Prenatal food insecurity and initiation and exclusive duration of breastfeeding. Poster presentation at the 2020 American College of Epidemiology Annual Meeting, September 2020, College Park, MD (Virtual).
9. Shenassa ED, #Gleason J, ***Thoma M**. Endometriosis and Uterine Fibroids, harbingers of premature aging? Poster presentation at the 2020 American College of Epidemiology, September, 2020, College Park, MD. (Virtual)
10. #Drew LB, ***Thoma ME**. Attitudes toward female genital cutting in Nigeria: An exploration of national-level trends since 2003 and the contributions of age, period, and

cohort effects. Poster presentation at the 2020 Population Association of America Meeting. (Cancelled due to COVID-19).

11. **Thoma ME**, DeSilva DA, Kim J, Boudreaux M, Jo Y. Overall and racial/ethnic trends in breastfeeding initiation by prenatal WIC participation. Poster presentation at the 2019 Society for Pediatric and Perinatal Epidemiologic Research conference, Minneapolis, MN, June 2019.
12. **Thoma ME**, #Ahmed N, #Gleason J, #Ayuk-Arrey A. Conducting Public Health Surveillance and Communicating Data in Maternal and Child Health. Accepted at the 25th Annual Innovation in Teaching and Learning Conference, College Park, MD. May 15, 2019.
13. #Drew LB, Grantz K, ***Thoma ME**. Macrosomia and neonatal morbidities in the United States. Presentation at the Delta Omega Honor Society Poster Session at the American Public Health Association 2018 Annual Meeting in San Diego, CA. November 2018.
14. #Lama Y, ***Thoma ME**. Short Interpregnancy Interval and Delayed Initiation of Prenatal Care: Opportunities to Improve Interconception Health Promotion. Poster presentation at the 2018 American Public Health Association Conference. San Diego, CA. November 2018.
15. #De Silva DA, ***Thoma ME**. The association between interpregnancy interval and maternal morbidities using revised national birth certificate data. Poster presentation at the Interdisciplinary Association for Population Health Science (IAPHS) Annual Meeting, October 2018, Washington, DC.
16. **Thoma ME**, Rossen LM, Ahrens KA, #De Silva DA, Warner M, Simon AE, Moskosky S. Interpregnancy interval and injury-related infant mortality in the United States. Poster presentation at the Society for Pediatric and Perinatal Epidemiologic Research conference, June 2018, Baltimore, MD.
17. Rossen L, **Thoma ME**, Ahrens K, #De Silva D, Hirai A. Regression approaches for analyzing U.S. national period linked birth-infant death data. Poster presentation to the 2018 Society for Pediatric and Perinatal Epidemiologic Research and Society for Epidemiologic Research conferences, June 2018, Baltimore, MD.
18. **Thoma ME**, #Drew LB. The association between macrosomia and maternal delivery complications among full term, singleton, first births in the United States. Poster presentation to the 2017 American Public Health Association conference, November 2017, Atlanta, GA.
19. #Vafai Y, Lewin AB, Roy K, **Thoma ME**. Paternity Acknowledgement on Birth Certificates and Maternal Prenatal Health Behaviors in the United States. Poster presentation to the 2017 American Public Health Association conference, November 2017, Atlanta, GA.
20. Swartzendruber A, Steiner RJ, **Thoma ME**. State-level school-based condom instruction

and STI rates. Poster presentation at the 2017 National Sexual Health Conference, July 2017, Denver, CO.

21. **Thoma ME**, Fenelon A, Ahrens K. The contribution of interpregnancy intervals to disparities in preterm birth between non-Hispanic black and non-Hispanic white women, 48 states and the District of Columbia. Poster presentation at the 2017 Society for Pediatric and Perinatal Epidemiology conference, June 2017, Seattle, WA.
22. Ahrens K, **Thoma M**, Copen C, Frederiksen B, Decker E, Gavin L, Moskosky S. Short interpregnancy interval and pregnancy intention by maternal age, National Survey of Family Growth. Poster presentation at the 2017 Society for Pediatric and Perinatal Epidemiology conference, June 2017, Seattle, WA.
23. Biswas R, **Thoma M**, Kong X. Functional data analysis in characterizing bacterial vaginosis patterns and identification of pattern-specific risk factors. Poster presentation at the Eastern Northern American Region International Biometric Society 2017 Spring Meeting, March 2017, Washington, D.C.
24. Drew LB, Mittal M, **Thoma ME**, Steinberg JR. Multiple types of intimate partner violence and effectiveness level of contraceptive selection post-abortion. Poster presentation at the American Public Health Association 2016 Annual Meeting, October 2016, Denver, CO.
25. Ahrens KA, **Thoma ME**, Rossen LM, Warner M, Simon AE. Plurality and infant mortality due to external causes in the US, 2000-2010. Poster presentation at the 2016 Epidemiology Congress of the Americas, June 2016, Miami, FL.
26. Ahrens KA, **Thoma ME**, Rossen LM, Warner M, Simon AE. Birth order and infant mortality due to external causes in the US, 2000-2010. Poster presentation at the 2016 Society for Pediatric and Perinatal Epidemiology conference, June 2016, Miami, FL.
27. **Thoma M**, Kirmeyer S. Extremely short and short interpregnancy intervals: Differences by maternal demographic characteristics. Poster presentation at the 2015 March of Dimes Prematurity Prevention Conference, November 2015, Arlington, VA.
28. **Thoma M**, Kirmeyer S. Short and extremely short interpregnancy intervals: Differences by maternal demographic characteristics. Poster presentation at the 2015 National Conference on Health Statistics, August 2015, Bethesda, MD.
29. Copen CE, **Thoma ME**, Kirmeyer SE. It's about Time: Data on Interpregnancy Interval using the National Survey of Family Growth and the National Vital Statistics System. Poster presentation at the Population Association of America 2014 Annual Meeting. May 2014, Boston, MA.
30. Buck Louis GM., Hediger ML, Bell EM, Kus CA, Sundaram R, McLain A, Yeung E, Hills EA, **Thoma ME**, Druschell CM. Methodology for Establishing a Population-Based Birth Cohort Focusing on Couple Fertility and Children's Health, the Upstate KIDS Study.

Poster presentation at the American Society for Reproductive Medicine 69th Annual Meeting, October 2013, Boston, MA. (*withdrawn due to government furlough/closure*)

31. Backus K, Chase M, Straight AM, Reed P, Tretter E, Crawford G, Moyer C, Pagnano S, Justice D, **Thoma M**, Ahuja S. Survey of Birth Data Quality Reporting. Poster presentation at the 2013 National Association for Public Health Statistics and Information Systems (NAPHSIS) Annual Meeting, June 2013, Phoenix, AZ.
32. **Thoma ME**, Louis JF, McLain AC, King RB, Trumble AC, Sundaram R, Buck Louis GM. The prevalence of infertility as estimated by a current duration approach and a traditional construct approach. Poster presentation at the 2012 National Institutes of Health Research Festival, October 2012, Bethesda, MD.
33. Louis JF, ***Thoma M**, Trumble A. Prevalence of couple infertility in the US based on male reporting: evidence from a nationally-representative survey. Poster presentation at the NIH Spring Research Festival, April 2012, Bethesda, MD.
34. **Thoma ME**, Klebanoff MA, Nansel TR, Hediger ML, Neggers Y. The association between periodontal disease (PD) and dietary fats and cholesterol. Poster presentation at the 2011 Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2011, Montreal, Canada.
35. **Thoma M**, Gray RH, Kiwanuka N, Wang MC, Aluma S, Sewankambo N, Wawer M. The Short-term Variability of Bacterial Vaginosis (BV) among Sexually Active Women in Rakai, Uganda. Poster presentation at the 2010 Meeting of the Society for Epidemiologic Research, June 2010, Seattle, WA.
36. **Thoma M**, Gray RH, Kiwanuka N, Wang MC, Aluma S, Sewankambo N, Wawer M. Don't throw BV out with the bathwater: risk and protective factors for bacterial vaginosis (BV) in Rakai, Uganda. Poster presentation at the 23rd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2010, Seattle, WA.
37. **Thoma M**, Gray R, Kiwanuka N, Serwadda D, Nalugoda F, Kigozi G, Wang M, Aluma S, Ndyanabo A, Wawer MJ. Stage of Puberty and Vaginal Flora Development. Poster presentation at the 18th International Society for Sexually Transmitted Disease Research, July 2009. London, England.
38. **Thoma M**, Gray R. Male Circumcision and Genital Ulcer Disease: A meta-analysis. Poster presentation at the 17th International Society for Sexually Transmitted Disease Research, July 2007. Seattle, WA.

II.E.7. Refereed Panels

1. **Thoma M** (Moderator) & Jahnke H (Co-Moderator). Speed Talks: Infectious Disease Society for Pediatric and Perinatal Epidemiologic Research, June 2021 (virtual).

II.E.8. Non-Refereed Presentations

1. #Drew LB, Mittal M, ***Thoma ME**. The relationship between female genital cutting and sexual behaviors among women in Nigeria. Oral presentation at the 2019 University of Maryland Graduate Research Appreciation Day. College Park, MD. April 2019.
2. #Gleason J, **Thoma ME**, Shenassa E. Self-reported infertility and metabolic and cardiovascular dysfunctions among US women. Oral presentation at the 2018 University of Maryland Graduate Research Appreciation Day Conference in College Park, MD. April 2018.

II.E.11. Non-Refereed Posters

1. #Drew LB, Mittal M, ***Thoma ME**. The relationship between female genital cutting and sexual behaviors among women in Nigeria. Poster presentation at the 2019 University of Maryland Public Health Research Day. College Park, MD. April 2019.
2. #Drew LB, ***Thoma ME**, Grantz K. Macrosomia and neonatal morbidities in the United States. Poster presentation at the 2018 University of Maryland Public Health Research Day. College Park, MD. April 2018.
3. #Drew LB, ***Thoma ME**, Grantz K. Macrosomia and neonatal morbidities in the United States. Poster presentation at the 2018 University of Maryland Graduate Research Appreciation Day Conference in College Park, MD. April 2018.
4. #Gleason JL, Shenassa ED, **Thoma ME**. Self-reported infertility and metabolic and cardiovascular dysfunction among US women. Poster presentation, Public Health Research Day, University of Maryland, College Park, MD, April, 2018.
5. #Lama, Y., ***Thoma ME**. Short interpregnancy intervals and adequacy of prenatal care initiation and received services: opportunities to improve interconception health promotion. Poster presentation at Public Health Research Day, College Park, MD, April 2018.
6. #Drew LB, ***Thoma ME**, Grantz K. Macrosomia and neonatal morbidities in the United States. Poster presentation at the 2018 University of Maryland Graduate Research Appreciation Day Conference in College Park, MD. April 2018.
7. #Vafai Y, Lewin AB, Roy K, ***Thoma ME**. Paternity Acknowledgement on Birth Certificates and Maternal Prenatal Health Behaviors in the United States. Poster presentation at Social Justice Day at University of Maryland, College Park, MD, April 2017.
8. Drew LB, Mittal M, **Thoma ME**, Steinberg JR. Multiple types of intimate partner violence and effectiveness level of contraceptive selection post-abortion. Poster presentation at the 2017 University of Maryland Public Health Research Day. College Park, MD. April 2017.

9. Drew LB, Mittal M, **Thoma ME**, Steinberg JR. Multiple types of intimate partner violence and effectiveness level of contraceptive selection post-abortion. Poster presentation at the 2017 University of Maryland Graduate Research Appreciation Day Conference in College Park, MD. April 2017.

II.E.12. Non-Refereed Panels

1. De Pinto C & **Thoma ME** (Moderators). Alleyne EO, Askew GL, Wilson LD (Panelists). Addressing Wicked Problems in the Current Context: Challenges and Opportunities. Panel presentation at the 2021 Public Health Research Day. College Park, MD (Virtual). April 2021.
2. **Thoma ME**. Advantages and Opportunities Using the Maryland Federal Statistical Research Data Center. Maryland Population Research Center, University of Maryland. Invited Panel member. November 15, 2019. College Park, MD.

II.E.14. Workshops

1. **Thoma M**, Gregory E, Mathews T. Getting the Data Right – Best Practices for the National Vital Statistics Birth, Fetal Death, and Linked Birth and Infant Death Data Sets. National Conference on Health Statistics Learning Institute, August 2015, Bethesda, MD.

II.F. Professional and Extension Publications

II.F.1. Reports and Non-Refereed Monographs

Expert scientific reports

1. Hodges L, Guthrie J, Shetler A, **Thoma M**. Rates of Breastfeeding Initiation Increased Among Low-Income Women, 2009-17; Racial and Ethnic Disparities Persist. *Amber Waves: The Economics of Food, Farming, Natural Resources, and Rural America*. October 23, 2023.
2. World Health Organization. [Infertility prevalence estimates, 1990-2021](#). Geneva: WHO; 2023. Licence: CC BY-NC-SA 3.0 IGO.
3. Prince George’s County Health Department. Evaluation Impact Report of the Enhanced Care Management for High-Risk Pregnant Persons or Persons at Risk for Pregnancy (Perinatal ECM Program) – Updated Report. December 2023.
4. Prince George’s County Health Department. Evaluation Impact Report of the Enhanced Care Management for High-Risk Pregnant Persons or Persons at Risk for Pregnancy (Perinatal ECM Program). November 2022.
5. Maryland Health Care Commission. African American and Rural Community Infant Mortality Study Workgroup. [Study of Mortality Rates of African American Infants and Infants in Rural Areas. Report to the Senate Finance Committee and the House Health and Government Operations Committee](#). November 2019.
6. McLain AC, Sundaram R, **Thoma ME**, Buck Louis GM. Cautionary note on “Semi-parametric grouped backward recurrence Cox model for the analysis of current duration

data with preferential reporting.” Cornell University Library, 2017.

[arXiv:1801.00775](https://arxiv.org/abs/1801.00775) [stat.AP]

7. Martin JA, Osterman MJK, **Thoma ME**. [Declines in Triplet and High-order Multiple Births in the United States](#), 1998-2014. *NCHS Data Brief*. 2016 Apr;243:1-8. [PMID: 27139731]
8. **Thoma ME**, Copen CE, Kirmeyer SE. [Short Interpregnancy Intervals in 2014: Differences by Maternal Demographic Characteristics](#). *NCHS Data Brief*. 2016 Apr;240:1-8. [PMID: 27111053]
9. Mathews TJ, MacDorman MF, **Thoma ME**. [Infant Mortality Statistics from the 2013 Period Linked Birth/Infant Death Data Set](#). *Natl Vital Stat Rep*. 2015. Aug 6;64(9):1-30.
10. Copen CE, **Thoma ME**, Kirmeyer SE. [Interpregnancy Intervals in the United States: A Comparison of Data from the Birth Certificate and the National Survey of Family Growth](#). *Natl Vital Stat Rep*. 2015 Apr 16;64(3):1-10. [PMID: 26114767]
11. **Thoma ME**, Boulet SL, Martin JA, Kissin DM. [Births Resulting from Assisted Reproductive Technology: Comparing Birth Certificate and National ART Surveillance System Data, 2011](#). *Natl Vital Stat Rep*. 2014 Dec;63(8):1-12. [PMID: 25493705]
12. The Birth Data Quality Workgroup. Efforts to Improve Birth Data Quality: Results from a Survey of Data Quality Practices among US Vital Records Jurisdictions. National Association for Public Health Statistics and Information Systems, May 2014.
13. Report of a Consultative Meeting on Survey-based Indicators for Monitoring and Evaluation of Newborn Health Programs April 29-30, 2008. Save the Children, Saving Newborn Lives. [prepared initial draft]

II.F.4. Policy Briefs

1. **Thoma ME**, Gharaibeh M, Kumar Basak K, Leemhuis E, #Krishnan A. [Addressing Infertility within Sexual and Reproductive Health: A Commitment to Human Rights and Sustainable Development](#). Breaking the Silence on Infertility, Policy Brief, Share-Net International. June 2021.

II.F.10. Other

Technical Products

1. Centers for Disease Control and Prevention (CDC). [Applying Best Practices for Reporting Medical and Health Information on Birth Certificates](#). [Internet]. Hyattsville, MD: National Center for Health Statistics (NCHS), CDC; 2016. Available from:.
2. Polis CB, Cox CM, Tunçalp Ö, McLain AC, ***Thoma ME**. Code replicating an analysis to estimate infertility prevalence in DHS data in Nigeria using a current duration approach. Available from osf.io/qftjp. 2020.

II.J. Sponsored Research and Programs – Office of Research Administration (ORA)

II.J.1. Grants

9/30/22-9/29/24 U.S. Department of Agriculture Cooperative Agreement

Examining Changes in WIC Participation Among Mothers Participating in Medicaid Using Birth Certificate Data

Role: Principal Investigator

7/1/20-6/30/22 R40MC37538, Maternal Child Health Bureau, Health Resources and Services Administration, U.S. Dept. of Health and Human Services.
Examining Pregnancy-associated Drug Overdose Mortality Using Enhanced National Death Certificate Data
Role: Principal Investigator

1/19/19-12/31/20 R03HD097287, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, National Institutes of Health (PI: McLain, A)
Estimating population level infertility and fertility treatment rates
Role: Co-Investigator (subcontract)

9/20/18-8/31/21 R21HD095236, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, National Institutes of Health. (PI:MacDorman,M)
Methodological Issues in Maternal Mortality Research.
Role: Co-Investigator

4/1/08 – 3/31/09 R36PS001104-01, Centers for Disease Control and Prevention
The Natural History of Bacterial Vaginosis and Modes of Transmission, Rakai, Uganda
Role: Principal Investigator

II.J.2. Contracts

7/1/22-11/30/23 Maryland Community Health Resource Commission (PI: Carter, E)
Improving Reproductive Health and Maternal Health through Enhanced Care Management
Role: Principal investigator on subaward

7/1/19 – 6/30/22 CareFirst Maternal and Child Health Initiative (PI: Carter, E)
Addressing Disparities: Improving Maternal and Birth Outcomes in Prince Georges County
Role: Principal Investigator on subaward

2/15/19-1/31/20 Maryland Department of Health Interagency Agreement (PI: Quinn, SC)
Maryland Infant Mortality Study
Role: Co-Investigator

9/1/18 – 8/31/21 U.S. Department of Agriculture Cooperative Agreement (#58-4000-8-0034).
Examining trends in gestational weight gain, birthweight, and initiation of breastfeeding by WIC use during pregnancy using birth certificate data.
Role: Principal Investigator

7/15/17-1/31/18 Atlas Research, LLC Subcontract. HHS Office of Population Affairs (OPA) Title X, HHSP-233201450040A.
The Association Between Interpregnancy Interval (IPI) and Risk of Infant Mortality using National Vital Statistics Files from the U.S.
Role: Principal Investigator

II.J.3. Other

Internal and external research awards

07/01/23-6/30/24 SPH Seed Grant (Part 1 and 2). **Development of a Community Health Worker Perinatal Mental Health Intervention**
Role: Co-Principal Investigator

10/18/18-5/31/19 Association of Teachers of Maternal and Child Health, Innovative Teaching Award. **Conducting Public Health Surveillance and Communicating Data in Maternal and Child Health**
Role: Team Leader/Principal Investigator

Summer 2017 Research and Scholarship Award, University of Maryland. **Estimating the contribution of social and health determinants to racial disparities in preterm birth in the United States**
Role: Principal Investigator

II.K. Gifts and Funded Research not administered by Office of Research Administration

II.K.4. Other

7/6/20 – 6/30/21 World Health Organization, Department of Sexual and Reproductive Health and Research (SRH), Contraception and Fertility Care (CFC)
Potential approaches for estimating infertility prevalence at the global, regional and country-levels
Role: Consultant/Co-Investigator

6/1/20 – 2/1/21 Share-Net International, **Breaking the Silence on Infertility Policy Brief**
Role: Consultant

2/15 – 1/21 IIR 13-294-2 U.S. Department of Veterans Affairs, Health Services Research and Development Service. (PI: Ryan, G).
Impact of Sexual Assault and Combat-Related Trauma on Fertility in Veterans
Role: Reproductive Epidemiologist (Consultant)

Intramural-sponsored research activities (National Institutes of Health)

- 5/11 - 1/13 *Eunice Kennedy Shriver* National Institute of Child Health Human Development. **Approaches for assessing trends in infertility.**
Role: Principal Investigator
- 12/10 – 1/13 *Eunice Kennedy Shriver* National Institute of Child Health and Human Development. **New York State Infant Development Screening Program (Upstate KIDS).**
Role: Postdoctoral Researcher
- 12/10 – 1/13 *Eunice Kennedy Shriver* National Institute of Child Health and Human Development. **Endometriosis Natural History, Diagnosis, and Outcomes (ENDO)**
Role: Postdoctoral Researcher
- 5/10 – 1/13 *Eunice Kennedy Shriver* National Institute of Child Health and Human Development. **Microbial Diversity of Vaginal, Stool, and Urethral Samples in Infants**
Role: Principal Investigator
- 12/09 – 1/12 *Eunice Kennedy Shriver* National Institute of Child Health and Human Development. **The Effect of Diet on Bacterial Vaginosis and Periodontal Disease**
Role: Principal Investigator

I.I.P. Research Fellowships, Prizes, and Awards (year, award, source)

- 2023 *Graduate Faculty Mentoring Awardee*, University of Maryland
- 2023 *Honoree*, Maryland Research Excellence Celebration, University of Maryland
- 2019 *Population, Family, and Reproductive Health Amazing Alumni*, Johns Hopkins Bloomberg School of Public Health
- 2019 *Graduate Faculty Mentoring Award nomination*, University of Maryland
- 2019 *Honorable mention*, [Infertility Care in Low-and-Middle-Income Countries](#). Untold Story of 2019 Contest. 2019 Annual Consortium of Universities for Global Health (CUGH) Global Health Conference. Featured in Global Health Now, [Winners of the Untold Global Health Stories 2019 Announced!](#)
- 2019 *Honoree*, [Inaugural Maryland Research Excellence Celebration](#), University of Maryland
- 2018 *Innovative Teaching Award Winner*, [Association of Teachers of Maternal and Child Health](#)

- 2016 *Special Act award*, Division of Vital Statistics, National Center for Health Statistics, Centers for Disease Control and Prevention. Awarded for leading the development of eLearning training to improve the quality of birth certificate data.
- 2009-10 *Caroline Cochran Scholarship Fund*, Johns Hopkins Bloomberg School of Public Health
- 2008-09 *The R. Bradley Sack Family Scholarship Award for Infectious Diseases in the Developing World*, Johns Hopkins Bloomberg School of Public Health
- 2008-09 *Endowed Fellowship in Family Planning and Reproductive Health*, Johns Hopkins Bloomberg School of Public Health
- 2006-07 *Endowed Fellowship in Family Planning and Reproductive Health*, Johns Hopkins Bloomberg School of Public Health
- 2004-07 *Predoctoral Fellowship*, Johns Hopkins Training Program in Sexually Transmitted Infections Training Grant (T32A1050056), National Institute of Allergy and Infectious Diseases (PI: Zenilman, J)