

Curriculum Vitae

MARIE ELIZABETH THOMA, Ph.D., M.H.S.

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I. PERSONAL INFORMATION

Academic Appointments at University of Maryland

Aug. 2016 – present **Assistant Professor**, Department of Family Science

Nov. 2016 – present **Faculty Associate**, Maryland Population Research Center

Other Employment

Jan. 2013 – Aug. 2016 **Senior Service Fellow, Statistician**
Reproductive Statistics Branch, Division of Vital Statistics,
National Center for Health Statistics, Centers for Disease Control
and Prevention (Hyattsville, MD)

Dec. 2009 – Jan. 2013 **Postdoctoral Intramural Research Fellow**
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 – Jul. 2009 **Graduate Research Assistant**
Department of Population, Family, and Reproductive Health, Johns
Hopkins Bloomberg School of Public Health, Johns Hopkins
University (Baltimore, MD)

Aug. 2002 – Aug. 2004 **Research Program Coordinator**
Rakai Health Sciences Program, Johns Hopkins Bloomberg School
of Public Health, Johns Hopkins University (Baltimore, MD)

Nov. 2000 – Jul. 2002 **Research Program Coordinator**
Rakai Health Sciences Program, Mailman School of Public Health,
Columbia University (New York, NY)

Educational Background

2013	Postdoc	Epidemiology Branch, Division of Intramural Population Health Research, National Institutes of Health (Rockville, MD)
2009	PhD	Department of Population, Family, and Reproductive Health Concentration: Reproductive and Perinatal Epidemiology, Johns Hopkins Bloomberg School of Public Health (Baltimore, MD)
2009	MHS	Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health (Baltimore, MD)
2000	BA	Department of Anthropology, Nutrition minor, <i>summa cum laude</i> University of Pennsylvania (Philadelphia, PA)
1998		Pacific Island Studies School for International Training (Samoa/Fiji)

II. RESEARCH, SCHOLARLY, AND PROFESSIONAL ACTIVITIES

Refereed Journals

Refereed Journal Articles

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.
2. MacDorman MF, **Thoma M**, Declercq E, Howell EA. Reexamining racial and ethnic disparities in maternal mortality in the United States using enhanced vital records. *Am J Public Health*. Forthcoming (July 22nd).
3. McLain AC, **Thoma ME**, Hartnett C, Zhang J. Cross-sectional length-biased semi-competing risks data. *Ann of Appl Stat*. Forthcoming.
4. 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.
5. #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.
6. Eisenberg M, **Thoma M**, McLain A. Trends in time-to-pregnancy in the United States: 2002 to 2017. *Hum Reprod*. 2021 May, deab107.
7. 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].
8. #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].
 9. #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].
 10. **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].
 11. #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].
 12. #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].
 13. **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].
 14. 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.
 15. **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]
 16. #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].
 17. **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].
 18. 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].
19. 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].
 20. 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].
 21. 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].
 22. 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].
 23. 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].
 24. 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].
 25. 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].
 26. *Impact: World Health Organization, [Human Reproduction Programme annual report, 2017 selected achievement in infertility](#).*
 27. 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].
 28. 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].

29. 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].
30. 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]
31. 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]
32. Hunsberger S, Albert P, **Thoma ME**. Approaches for retrospective sampling for longitudinal transition regression models. *Statistics and its Interface*. 2014; 7(1): 75-85.
33. 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]
34. 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]
35. #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].
36. **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].
37. **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]
38. #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]

39. **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]
40. **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]
41. **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]
42. **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.1. Invited Reviews of Journal Articles (all peer reviewed)

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.2. Perspectives, Opinions, and Letters

1. 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*. Ahead of print (online) – May 24, 2021.
2. 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.
3. Ahrens KA, **Thoma ME**, Rossen LM. Interpregnancy interval and adverse pregnancy outcomes: an analysis of successive pregnancies. *Obstet Gynecol*. 2017Aug;130(2):464.
4. 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.
5. **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]

Selected Conferences and Invited Talks

Invited Talks

Breaking the Silence on Infertility: Approaches for Measuring Infertility and Infertility Service Provision. Maryland Population Research Center, University of Maryland. Invited speaker. March 31, 2020. College Park, MD. [*Postponed due to COVID-19*]

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.

The Life Course Perspective. Pew Charitable Trust Calling All Sectors Convening Meeting. Invited Speaker. October 16th and 17th, 2019. Washington D.C.

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. Invited speaker. November 13, 2019. Baltimore, MD.

Breaking the Silence around Infertility – Co-Creation Conference, Share Net International. Invited workshop participant. October 8-10, 2019. Amsterdam, Netherlands.

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.

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.

Estimating the prevalence of infertility in low-to-middle-income countries. The Guttmacher Institute, New York, NY. May 11th, 2017.

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.

Refereed Presentations

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 conference)

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*]

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.

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.

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.

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.

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.

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. *Awarded prize paper at 2017 ASRM conference.*

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.

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.

Workshops

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.

Professional and Extension Publications

Technical Reports and 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.

2. 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]
3. **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]
4. 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.
5. 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]
6. **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]
7. 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.
8. 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]

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: www.cdc.gov/nchs/training/BirthCertificateElearning.

Sponsored Research and Programs – Office of Research Administration

Grants and Contracts

Awarded

7/1/20-6/30/21 HRSA-20-057 R40, 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

- 10/18/18-5/31/19 Association for Teachers in Maternal and Child Health, Innovative Teaching Award
Conducting Public Health Surveillance and Communicating Data in Maternal and Child Health
Role: Team Leader/Principal Investigator
- 2/15/19-1/31/20 Maryland Department of Health Interagency Agreement. (PI: Quinn, SC)
Maryland Infant Mortality Study
Role: Co-Investigator (Infant mortality program inventory component)
- 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) - Epidemiologist
- 9/20/18-8/31/20 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 – Epidemiologist, data analyst
- 9/1/18 – 8/31/20 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
- 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
- 4/08 – 3/09 R36PS001104-01, Centers for Disease Control and Prevention
The Natural History of Bacterial Vaginosis and Modes of Transmission, Rakai, Uganda
Role: Principal Investigator

Other Funded Research not administered by the Office of Research Administration
Consultant on sponsored research

- 7/6/20 – 2/28/21 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

6/1/20 – 12/31/20 Share-Net International, **Breaking the Silence on Infertility Policy Brief**
Role: Team member/consultant

7/14 – 1/20 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)

Research Fellowships, Prizes, and Awards (year, award, source)

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)