

Curriculum Vitae
MEGHAN E. SHANAHAN, MPH, PhD

PERSONAL INFORMATION

Business: 404 Rosenau Hall, CB#7400, University of North Carolina at Chapel Hill,
Chapel Hill, NC 27599-7400
Phone: (919) 843-9089
Email: shanahan@unc.edu

EDUCATION & TRAINING

Education:

2010 **Doctor of Philosophy**, Department of Maternal and Child Health, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
2006 **Master of Public Health**, Department of Maternal and Child Health, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
2001 **Bachelor of Art**, Department of Biology, College of Letters and Science, University of Wisconsin-Madison

Training:

2012 **Building Careers for Research in Child Maltreatment and Intimate Partner Violence**, Early Career Scholar Training Program, Brown School of Social Work, Washington University, St. Louis, MO
2009 **Secondary Data Analysis**, Summer Research Institute, The National Data Archives on Child Abuse and Neglect, Cornell University, Ithaca, NY

PROFESSIONAL EXPERIENCE

6/22-present **Associate Chair of Academics**, Department of Maternal and Child Health, UNC-CH
12/21-present **Associate Professor**, Department of Maternal and Child Health, UNC-CH
12/18-11/21 **Assistant Professor**, Department of Maternal and Child Health, UNC-CH
5/12-11/18 **Research Assistant Professor**, Department of Maternal and Child Health, UNC-CH
1/12-present **Research Scientist and Core Faculty**, Injury Prevention Research Center, UNC-CH
9/10-12/11 **Postdoctoral Research Assistant**, Injury Prevention Research Center, UNC-CH
8/07-8/10 **Graduate Research Assistant**, Injury Prevention Research Center, UNC-CH
8/04-6/07 **Graduate Research Assistant**, Department of Social Medicine, School of Medicine, UNC-CH

HONORS

2021 Edward G. McGavran Award for Excellence in Teaching,
Gillings School of Global Public Health UNC-CH
2019 Provost Award for Engaged Scholarship, UNC-CH
2018 Teaching Excellence and Innovation Award
Gillings School of Global Public Health, UNC-CH
2015 Delta Omega Public Health Honor Society

MEMBERSHIPS

- 2018-present International Society for the Prevention of Child Abuse and Neglect
2014-present Society for Advancement of Violence and Injury Research

BIBLIOGRAPHY

Books & Book Chapters

1. **Shanahan ME**, Zvara BJ. The toddler and preschool years: Children 1 to 4. In: Verbeist and Kirby, editors. *Kotch's Maternal and Child Health: Programs, Problems, and Policy*, 4th Edition. Jones and Bartlett Learning: Burlington, MA, 2022. p 227-254.
2. Sullivan K, **Shanahan M**, Preisler J, Kane N. The Child Welfare System: Problems, Controversies, and Future Directions. In: Geffner, White, Hamberger, Rosenbaum, Vaughan-Eden, Vieth, editors. *Handbook of Interpersonal Violence and Abuse Across the Lifespan: A Project of the National Partnership to End Interpersonal Violence Across the Lifespan (NPEIV)*. Springer: New York, NY, 2020.
3. Zolotor AJ, **Shanahan M**. Epidemiology of physical abuse. In: Jenny, editor, *Child Abuse and Neglect: Diagnosis, Treatment, and Evidence*. Saunders: St Louis Missouri, 2011. p. 10-15.
4. Hogan V, **Shanahan M**, Rowley D. Current approaches to reducing premature births and implications for disparity elimination. In: Handler, Kennelly, Peacock, editors. *Racial/ethnic disparities in reproductive and perinatal outcomes: The evidence from population-based interventions*. Springer: New York, NY, 2011. p. 181-207.

Articles in Peer-Reviewed Journals (*=student-led paper)

In Print

1. Naumann RB, Frank M, **Shanahan ME**, Reyes HLM, Ammerman AS, Corbie G, Austin AE. State Supplemental Nutrition Assistance Program Policies and Substance Use Rates. *American Journal of Preventive Medicine*. 2024;66(3):526-533. DOI: 10.1016/j.amepre.2023.10.019. PMID: 37918458.
2. *Frank M, Daniel L, Hays CN, **Shanahan ME**, Naumann RB, McNaughton Reyes HL, Austin AE. Association of Food Insecurity with Multiple Forms of Interpersonal and Self-Directed Violence: A Systematic Review. *Trauma Violence Abuse*. 2024;25(1):828-845. doi: 10.1177/15248380231165689. PMID: 37009984; PMCID: PMC10666476.
3. Austin AE, Naumann RB, **Shanahan ME**, Frank M. State expansion of Supplemental Nutrition Assistance Program eligibility and rates of foster care entries. *Child Abuse Negl* 2023;145:106399.
4. Austin AE, **Shanahan ME**, Frank M, McNaughton Reyes HL, Ammerman A, Short N. State expansion of Supplemental Nutrition Assistance Program eligibility and rates of interpersonal violence. *Preventive Medicine* 2023;175:107725.
5. Austin AE, **Shanahan ME**, Naumann RB, Frank M, McNaughton Reyes HL, Macy RJ, Corbie-Smith G, Ammerman AS. State adoption of Supplemental Nutrition Assistance Program eligibility policies and rates of child protective services-investigated reports. *JAMA Peds*. 2023;177(3):294-302
6. Austin AE, Frank M, **Shanahan ME**, Reyes HLM, Corbie G, Naumann RB. Association of state Supplemental Nutrition Assistance Program eligibility policies with adult mental health and suicidality. *JAMA Network Open* 2023;6(4):e238415

7. *Franchino-Olsen HB, Martin SL, Halpern CT, Preisser JS, Zimmer C, **Shanahan ME**. Adolescent experiences of violence victimizations among minors who exchange sex/experience minor sex trafficking. *Journal of Interpersonal Violence*. 2022. doi: 10.1177/08862605211021967
8. Austin AE, Durrance CP, Runyan CW, Runyan DK, Martin SL, Mercer J, **Shanahan ME**. Affordable housing through the low-income housing tax credit program and intimate partner violence-related homicide. *Prev Med*. 2022;155:106950. doi: 10.1016/j.ypmed.2021.106950.
9. Austin AE, **Shanahan ME**, Rosemond P, Berkoff MC, Joyner C, Proescholdbell S. Implementation of the North Carolina Plan of Safe Care in Wake County, North Carolina. *North Carolina Medical Journal*. 2022.
10. **Shanahan ME**, Austin AE, Durrance CP, Mercer J, Martin SL, Runyan DK, Runyan CW. The association of low-income housing tax credit units and reports of child abuse and neglect. *American Journal of Preventive Medicine*. 2022;62(5):727-734.
11. *Chandler CE, Williams CR, Turner MW, **Shanahan ME**. Training public health students in racial justice and health equity: a systematic review. *Public Health Reports*. 2022;137(2):375-385
12. Austin AE, Gest C, Atkeson A, Berkoff MC, Puls HT, **Shanahan ME**. Prenatal substance exposure and child maltreatment: A systematic review. *Child Maltreatment*. 2022; 27(2):290-315 doi: 10.1177/1077559521990116
13. *Chandler CE, **Shanahan ME**, Halpern CT. The association between early reports to Child Protective Services and developmental trajectories through middle childhood. *Child Abuse and Neglect*. 2021;122:105303.
14. Austin AE, Shiue KY, Naumann RB, Figgatt MC, Gest C, **Shanahan ME**. Associations of housing stress with later substance use outcomes: A systematic review. *Addictive Behaviors*. 2021;123:107076. doi: 10.1016/j.addbeh.2021.107076
15. **Shanahan ME**, Austin AE, Berkoff MC. Sentinel injuries among children who receive Medicaid. *Child Maltreatment*. 2021; 27(2):218-224.
16. Murry KJ, Williams BM, Tunno AM, **Shanahan M**, Sullivan KM. What about trauma? Accounting for trauma exposure and symptoms in the risk of suicide among adolescents who have been adopted. *Child Abuse and Neglect*. 2021; doi: 10.1016/j.chiabu.2021.105185.
17. *McCarty D, **Shanahan M**. Theory-informed clinical practice: How physical therapists can use fundamental interventions to address the social determinants of health. *Physical Therapy Journal*. 2021;101(10):pzab158.
18. *Sivaraman JJ, Proescholdbell SK, Ezzell D, **Shanahan ME**. Characterizing opioid overdoses using Emergency Medical Services data: A case definition algorithm enhanced by machine learning. *Public Health Reports*. 2021;136(1_suppl):62S-71S. doi: 10.1177/00333549211026802
19. *Zietz S, Kajula L, Martin S, Moracco B, **Shanahan M**, Maman S. “Mtoto Wa Nyoka Ni Nyoka,” The child of a snake is a snake. A narrative analysis of adverse childhood experiences and perpetration of interpersonal violence among men in Dar es Salaam, Tanzania. *Journal of Interpersonal Violence*. 2021; doi: 10.1177/0886260521997443
20. Austin AE, **Shanahan ME**. Material hardship and suicidal behavior: Associations among parents and non-parents. *Suicide and Life-Threatening Behavior*. 2020; doi: 10.1111/sltb.12723
21. Austin AE, Lesak A, **Shanahan ME**. Risk and protective factors for child maltreatment: A review. *Current Epidemiology Reports*. 2020;7(4):334-342.

22. *Chandler CE, Austin AE, **Shanahan ME**. Association of housing stress with child maltreatment: A systematic review. *Trauma, Violence, and Abuse*. 2020;21(1):157-178.
23. *Austin AA, Berkoff M, **Shanahan ME**. Incidence of injury, maltreatment, and developmental disorders among substance exposed infants. *Child Maltreatment*. 2020. doi: 10.1177/1077559520930818.
24. *Austin AE, Gottfredson NC, Halpern CT, Zolotor AJ, Marshall SW, Parrish JW, **Shanahan ME**. Patterns of risk and protective factors among Alaska children and differential associations with indicators of maternal and child wellbeing. *Child Development* 2020;91(5):1650-1662. doi: 10.1111/cdev.13356.
25. *Austin AE, Gottfredson NC, Marshall SW, Halpern CT, Zolotor AJ, Parrish JW, **Shanahan ME**. Preconception and prenatal predictors of early experiences of risk and protection among Alaska children. *Maternal and Child Health Journal* 2020;24:82-89. doi:10.1007/s10995-019-02823-3.
26. *Austin AE, Gottfredson NC, Marshall SW, Halpern CT, Zolotor AJ, Parrish JW, **Shanahan ME**. Heterogeneity in risk and protection among Alaska Native/American Indian and non-Native children. *Prevention Science* 2020;21:86-97.
27. *Zietz S, Kajula L, Reyes HLM, Moracco B, **Shanahan M**, Martin S, Maman S. Patterns of Adverse Childhood Experiences and subsequent risk of interpersonal violence perpetration among men in Dar es Salaam, Tanzania. *Child Abuse & Neglect* 2020;99:104256. doi:10.1016/j.chiabu.2019.104256.
28. Borschmann R, Tibble H, Spittal MJ, Preen D, Pirkis J, Larney S, Rosen DL, Young J, Love A, Altice FL, Binswanger IA, Bukten A, Butler T, Chang Z, Chen CY, Clausen T, Christensen P, Culbert, G, Degengardt L, Dirkzwager AJE, Dolan K, Fazel S, Fischbacher C, Giles M, Graham L, Harding D, Huang YF, Huber F, Karaminia A, Kouyoumdjian FG, Lim S, Møller L, Moniruzzaman A, Morenoff J, O'Moore E, Pizzicato LN, Pratt D, Proescholdbell SK, Ranapurwala SI, **Shanahan ME**, Shaw J, Somers J, Spaulding A, Stern MF, Viner KM, Wang N, Willoughby M, Kinner SA. The Mortality After Release from Incarceration Consortium (MARIC): Protocol for a multi-national, individual participant data meta-analysis. *International Journal of Population Data Science* 2019; 5(1), 6-13.
29. Brinkley-Rubinstein L, Sivaraman JC, Rosen DL, Cloud DH, Junker G, Proescholdbell S, **Shanahan ME**, Ranapurwala S. Restrictive housing during incarceration is associated with increased post-release mortality. *JAMA Network Open* 2019;2(10):e1912516. doi:10.1001/jamanetworkopen.2019.12516.
30. Naumann RB, Durrance CP, Ranapurwala SI, Austin AE, Proescholdbell S, Childs R, Marshall SW, Kansagra S, **Shanahan ME**. Impact of a community-based naloxone distribution program on opioid overdose death rates. *Drug and Alcohol Dependence*. 2019;204:107536.doi:10.1016/j.drugalcdep.2019.06.038.
31. *Sokol RL, Gottfredson NC, Poti JM, **Shanahan ME**, Halpern CT, Fisher EB, Ennett ST. Sensitive periods for the association between childhood maltreatment and BMI. *American Journal of Preventative Medicine*. 2019;57(4):495-502. doi: 10.1016/j.amepre.2019.05.016.
32. *Sokol R, Ennett ST, **Shanahan ME**, Gottfredson NG, Poti JM, Halpern CT, Fisher EB. Maltreatment experience in childhood and average excess body mass from adolescence to young adulthood. *Child Abuse & Neglect* 2019;96:104070. doi:10.1016/j.chiabu.2019.104070.

33. *Austin AE, Gottfredson NC, Marshall SW, Halpern CT, Zolotor AJ, **Shanahan ME**. Trajectories of child protective services contact among Alaska Native/American Indian and non-Native children. *Child Abuse & Neglect*. 2019;95:1-11.
34. *Sokol R, Austin AE, Chandler CE, Byrum E, Bousquette J, Lancaster C, Doss G, Dotson A, Urbaeva V, Singichetti B, Brevard K, Wright S, Lanier P, **Shanahan ME**. Screening children for social determinants of health: A systematic review. *Pediatrics* 2019;144(4):e20191622.
35. *Austin AE, Derossiers T, **Shanahan ME**. Using directed acyclic graphs in child maltreatment research. *Child Abuse and Neglect*. 2019;91:78-87. doi: 10.1016/j.chiabu.2019.02.011.
36. *Sokol RL, Ennett ST, Gottfredson NC, **Shanahan ME**, Poti JM, Halpern CT, Fisher EB. Child maltreatment and body mass index over time: The roles of social support and stress responses. *Children and Youth Services Review*. 2019;100:214-220. doi:10.1016/j.chilyouth.2019.03.006.
37. *Sokol RL, Gottfredson NC, Poti JM, Halpern CT, **Shanahan ME**, Fisher EB, Ennet ST. Does a Parsimonious Measure of Complex Body Mass Index Trajectories Exist? *International Journal of Obesity*. 2019;43(5):1113-1119. doi: 10.1038/s41366-018-0194-y
38. Schilling S, Lanier P, Rose RA, **Shanahan M**, Zolotor AJ. A quasi-experimental effectiveness study of Triple P on Child Maltreatment. *Journal of Family Violence* 2019. doi: 10.1007/s10896-019-00043-5.
39. **Shanahan ME**, Ries M, Joyner C, Zolotor AJ. Implementing the Essentials for Childhood Initiative: Establishing Safe, Stable, Nurturing Relationships and Environments in North Carolina. *International Journal of Child Maltreatment*. 2019;1(2):179-193.
40. *Sokol R, Gottfredson N, **Shanahan ME**, Halpern CT. Relationship between child maltreatment and body mass index trajectories. *Children and Youth Services Review*. 2018;93:196-202. doi: 10.1016/j.chilyouth.2018.07.024.
41. *Austin AE, Parrish JW, **Shanahan ME**. Differences in time to first report and number of reports to child welfare among Alaska children. *Child Abuse and Neglect*. 2018;82, 83-91.
42. Ranapurwala SI, **Shanahan ME**, Naumann RB, Proescholdbell S, Edwards D. Risk of opioid overdose among justice involved individuals. *American Journal of Public Health*. 2018;108(9):1207-1213. doi:10.2105/AJPH.2018.304514.
43. *Austin AE, **Shanahan ME**. The association of childhood abuse and neglect with prescription opioid misuse: Examination of mediation by adolescent depressive symptoms and pain. *Children and Youth Services Review*. 2018; 86, 84-93. doi.org/10.1016/j.chilyouth.2018.01.023.
44. **Shanahan ME**, Fliss MD, Proescholdbell S. Creating a child maltreatment surveillance system in Wake County. *North Carolina Medical Journal*. 2018;79(2), 88-93. doi:10.18043/ncm.79.2.88.
45. *Austin AE, **Shanahan ME**, Zvara B. Child maltreatment and opioid use in adulthood. *Addictive Behaviors*. 2018; 76:265-269. doi: 10.1016/j.addbeh.2017.08.033. Epub 2017 Sep 1.
46. *Austin AE, **Shanahan ME**, Barrios Y, Macy R. A systematic review of interventions for women parenting in the context of intimate partner violence. *Trauma, Violence, and Abuse*. 2017;1-22. Epub 2017 July 21.
47. *Parrish JW, **Shanahan ME**, Schnitzer P, Lanier P, Daniels JL, Marshall SW. Quantifying sources of bias in longitudinal data linkage studies of child abuse and neglect: Measuring impact of outcome specification, linkage error, and partial cohort follow-up. *Injury Epidemiology*. 2017 Dec; 4(1):23. doi: 10.1186/s40621-017-0119-6. PMID: 28762156. PMCID: PMC5545181. Epub 2017 Aug 7.

48. *Parrish JW, Schnitzer PG, Lanier P, **Shanahan ME**, Daniels JL, Marshall SW. Classification of maltreatment-related mortality by child death review teams: How reliable are they? *Child Abuse Negl.* 2017; 67:362-370. doi: 10.1016/j.chiabu.2017.03.003.
49. **Shanahan ME**, Runyan DK, Martin SL, Kotch JB. The within poverty differences in the occurrence of physical neglect. *Child Youth Serv Rev.* 2017;75:1-6. doi:10.1016/j.chilyouth.2017.02.014.
50. *Austin AE, **Shanahan ME**. Prescription opioid use among young parents in the United States: Results from the National Study of Adolescent to Adult Health. *Pain Med.* 2017 pnw343. doi: https://doi.org/10.1093/pm/pnw343.
51. *Wilkinson A, Halpern CT, Herring AH, **Shanahan M**, Ennett ST, Hussey J, Harris KM. Testing longitudinal relationships between binge drinking, marijuana use, and depressive symptoms and moderation by sex. *J Adolesc Health.* 2016;59(6):681-687. doi: 10.1016/j.jadohealth.2016.07.010. PMID: 27567065.
52. *Parrish JW, Arvidson J, Lanier P, **Shanahan M**. Longitudinal investigation of the relationship between maternal intimate partner violence and subsequent child maltreatment. *Child Maltreatment.* 2016;21(1):26-36.
53. Nocera M, **Shanahan M**, Murphy RA, Sullivan KM, Barr M, Price J, Zolotor A. A statewide nurse training program for a hospital based infant abusive head trauma prevention program. *Nurse Educ Pract.* 2016;16(1):e1-6. doi: 10.1016/j.nepr.2015.07.013. PMID: 26341727.
54. Zolotor AJ, Runyan DK, **Shanahan M**, Durrance CP, Nocera M, Sullivan K et al. Effectiveness of a statewide abusive head trauma prevention program in North Carolina. *JAMA Pediatrics.* 2015 Dec;169(12):1126-1131. doi: 10.1001/jamapediatrics.2015.2690. PMID: 26501945.
55. Ringwalt C, **Shanahan ME**, Wodarski S, Jones J, Schaffer D, Fusaro A, Paulozzi L, Garretson M, Ford M. A randomized control trial of an emergency department intervention for patients with chronic noncancer pain. *J Emerg Med.* 2015;Dec;49(6):974-983. doi: 10.1016/j.jemermed.2015.03.004. PMID: 26423915.
56. Ringwalt C, Schiro S, **Shanahan M**, Proescholdbell S, Meder H, Austin A, Sachdeva N. The use of a prescription drug monitoring program to develop algorithms to identify providers with unusual prescribing practices for controlled substances. *J Prim Prev.* Oct;2015;36(5):287-299. doi: 10.1007/s10935-015-0397-0. PMID: 26143508.
57. **Shanahan ME**, Fleming P, Nocera M, Sullivan K, Murphy R, Zolotor A. Process evaluation of a statewide abusive head trauma program. *Eval Program Plann.* 2014;47:18-25. doi: 10.1016/j.evalprogplan.2014.07.002. PMID: 25084513.
58. Berlin LJ, **Shanahan M**, Carmody KA. Promoting supportive parenting in new mothers with substance-use problems: A pilot randomized trial of residential treatment plus an attachment-based parenting program. *Inf Ment Health J.* 2014; Jan-Feb;35(1): 81-85. doi: 10.1002/imhj.21427. PMID: 25424409.
59. **Shanahan ME**, Zolotor AJ, Parrish JW, Barr RG, Runyan DK. National, regional, and state abusive head trauma: Application of the CDC coding algorithm. *Pediatrics.* 2013 Dec; 132:e1546-e1553. doi: 10.1542/peds.2013-2049.
60. Dudley T, Creppage K, **Shanahan M**, Proescholdbell S. Using GIS to evaluate a fire safety program in North Carolina. *J Commun Health.* 2013 Oct;38(5):951-957. doi:10.1007/s10900-013-9705-x. PMID: 23800955.
61. **Shanahan ME**, Nocera M, Zolotor AJ, Sellers CJ, Runyan DK. Abusive head trauma education in North Carolina hospitals. *Child Abuse Rev.* 2011;20(4):290-297.

62. **Shanahan M**, Roberts J, Hatton D, Reznick J, Goldsmith H. Early temperament and negative reactivity in boys with Fragile X Syndrome. *J Intellect Disabil Res.* 2008;52(10):842-854.

Oral Presentations

1. **Shanahan ME**, Austin AE, Berkoff, MC. Material Hardship Among US Parents. Society for Research in Child Development Special Topic Workshop: The State of Research on Prevention of Child Maltreatment: Current Knowledge and Future Directions to Inform Policy and Practice. October 23rd, 2020.
2. Anna AE, **Shanahan ME**. Impact of the Opioid Epidemic on Infants, Children, and Youth. Children and Youth Branch, Women and Children's Section, North Carolina Division of Public Health. April 21st, 2020.
3. Austin AE, **Shanahan ME**. Plans of Safe Care: Intersection of child welfare with the opioid epidemic. Opioid Misuse and Overdose Summit. June 11th, 2019.
4. Austin AE, **Shanahan ME**, Parrish JW. Patterns of risk and protective factors among Alaska children and differential associations with maternal and child wellbeing. Council of State and Territorial Epidemiologists Annual Conference. Raleigh, NC. June 2-6, 2019.
5. Naumann RB, Durrance CP, Ranapurwala SI, Austin AE, Proescholdbell SK, Childs R, **Shanahan ME**. Impact of a community-based naloxone distribution program on county-level opioid overdose death rates in North Carolina, 2013-2016. Council of State and Territorial Epidemiologists Annual Conference. Raleigh, NC. June 2-6, 2019.
6. Austin AE, **Shanahan ME**. Trajectories of child protective services contact among Alaska Native/American Indian and non-Native children. Society for Advancement of Violence and Injury Research Conference. Cincinnati, OH. April 1-3, 2019.
7. Naumann RB, Durrance CP, Ranapurwala SI, Austin AE, Proescholdbell SK, **Shanahan ME**. Impact of a community-based naloxone distribution program on opioid overdose death rates. Society for Advancement of Violence and Injury Research Conference. Cincinnati, OH. April 1-3, 2019.
8. **Shanahan ME**. Adverse childhood experiences and the opioid epidemic. North Carolina Institute of Medicine. January 22nd, 2019.
9. **Shanahan ME**. Improving maternal and child health through the prevention of child maltreatment: A population perspective. Center for Developmental Science, UNC Chapel Hill. November 19th, 2018.
10. Robbins K, **Shanahan ME**, Mayhew L, Bynum M. Infant abandonment and maltreatment. Child Fatality Task Force Intentional Death Committee. November 8th, 2017. Raleigh, NC.
11. Zolotor AJ, **Shanahan ME**. Child maltreatment and opioids. Child Fatality Task Force Intentional Death Committee. October 10th, 2017. Raleigh, NC.
12. **Shanahan ME**. Overdose risk among justice involved individuals. NC DHHS Opioid and Prescription Drug Advisory Committee. September 29th, 2017. Raleigh, NC.
13. **Shanahan ME**. Prescription Drug Overdose: Prevention for States evaluation and surveillance projects. Tracking and Measuring the Opioid Epidemic as a Prevention Tool Webinar. August 17th, 2017.
14. **Shanahan ME**, Austin AE. How do you know you are making a difference? Overview of developmental, process, and outcome evaluation. Safe Kids North Carolina Injury Prevention Conference. May 24, 2017. Concord, NC.
15. Austin AE, **Shanahan ME**. The opioid epidemic: Potential impact on children. Safe Kids North Carolina Injury Prevention Conference. May 24, 2017. Concord, NC.

16. **Shanahan ME**, Sachdeva N. Addressing the opioid overdose epidemic: Evaluation of naloxone access policies. CDC Prevention for States 2017 Awardee Meeting. May 10, 2017. Atlanta, GA.
17. **Shanahan ME**, Austin AE, Zvara B. Childhood abuse and prescription opioid use in a nationally representative sample of young adults. Symposium presentation at the 2017 Biennial Society for Research in Child Development. April 8, 2017. Austin, Texas.
18. Schilling S, **Shanahan ME**, Zolotor AJ. The impact of implementation of Triple P on child maltreatment in North Carolina. Helper Society Meeting. April 2, 2017. Denver, CO.
19. **Shanahan ME**. The impact of child trauma. North Carolina Coalition Against Domestic Violence Pre-Conference. May 17, 2016. Clemmons, NC.
20. **Shanahan ME**, Kotch J. Child trauma. North Carolina Victims Assistance Network Victim Service Practitioner Certification Academy. March 15, 2016. Salemburg, NC.
21. **Shanahan ME**, Austin AE. Process and outcome evaluation in the context of a collective impact framework (co-presenter). Prevent Child Abuse North Carolina Leadership and Learning Summit. March 3, 2015. Chapel Hill, NC.
22. **Shanahan ME**. Innovations in child maltreatment surveillance. Using data to move towards prevention. Injury Free Academy. January 8, 2014. Chapel Hill, NC.
23. **Shanahan ME**, Parrish J. Innovations in child maltreatment surveillance. Using data to move towards prevention. North Carolina Institute of Medicine Essentials for Childhood Task Force. February 21, 2014. Morrisville, NC.
24. Nocera M, **Shanahan ME**, Fleming P, Zolotor AJ, Runyan D. Process evaluation of a statewide abusive head trauma prevention program. 2012 ISPCAN International Congress on Child Abuse and Neglect. September 11, 2012. Istanbul, Turkey.
25. **Shanahan ME**, Sullivan K, Zolotor A, Barr R, Runyan D. Impact of a newborn-period crying education program on after hours calls for infant crying. Platform presentation at the 2011 Pediatric Academic Societies & Asian Society for Pediatric Research Joint Meeting. May 2, 2012. Denver, Colorado.
26. Berlin L, **Shanahan ME**, Carmody KA. Promoting supportive parenting in new mothers with substance abuse problems: A pilot randomized trial. Platform presentation at the Biannual 2011 Society for Research in Child Development Meeting. April 1, 2011. Montreal, Canada.
27. Carmody KA, Haskett ME, **Shanahan ME**, Hawkins AL, Sullivan K. Early parenting and social competence: The mediating roles of representation and self-regulation in a maltreated preschool sample. Platform presentation at the Biannual 2011 Society for Research in Child Development Meeting. March 31, 2011. Montreal, Canada.
28. Fleming P, **Shanahan ME**, Nocera M, DeMartino T. Process evaluation: A statewide hospital-based intervention. Platform presentation at the 2010 International Conference on Shaken Baby Syndrome/Abusive Head Trauma. September 13, 2010. Atlanta, Georgia.

Poster Presentations

1. *Chandler CE, Austin AE, **Shanahan ME**. The association between housing stress and child maltreatment. Findings and recommendations from a systematic review. Poster presented at 2020 APHA Annual Meeting.
2. Austin AE, **Shanahan ME**. Risk and protective factors in child development: Identifying patterns among Alaska Native/American Indian and non-Native children. Poster presented at 2018 American Professional Society on the Abuse of Children Annual Meeting. New Orleans, Louisiana.

3. **Shanahan ME**, Nocera M, Sullivan K. Hospital staff evaluation of a shaken baby syndrome prevention training program. Poster presented at 2012 International Conference on Shaken Baby Syndrome/Abusive Head Trauma. September 30, 2012. Boston, Massachusetts.
4. **Shanahan ME**, Zolotor A, Foster EM, Runyan D. Trends in abusive head trauma (AHT) among infants from 2000 to 2009. Poster presented at the 2012 Pediatric Academic Societies Annual Meeting. May 1, 2012. Boston, Massachusetts.
5. **Shanahan ME**, Nagelson JL, Goldsmith HH, Hatton DD, Roberts JE, Reznick JS. Distress to limitations: The frustration response of children with Fragile X Syndrome. Poster Presented at the Biannual 2003 Society for Research in Child Development Meeting. April 25, 2003. Tampa, Florida.
6. **Shanahan ME**, Reisgies K, Locke RL, Goldsmith HH. The impact of family emotional environment on individual differences in context-inappropriate affect. Poster Presented at the 2001 Annual Meeting of the Midwest Psychological Association. April 28, 2001. Chicago, Illinois.

Other Scholarly Works

1. **Shanahan ME**. Evaluation of Essentials for Childhood: Establishing Safe, Stable, Nurturing Relationships and Environments in North Carolina. Submitted to North Carolina Division of Public Health. August 31st, 2018.
2. **Shanahan ME**, Steiner M, McCort A. Planning the next generation of primary care: Enhanced care to prevent child abuse and neglect and promote health. Submitted to the John Rex Endowment, July 12th, 2018.
3. **Shanahan ME**, McCort A, Waller A. Planning a child maltreatment prevention network. Submitted to the John Rex Endowment. May 12th, 2016.
4. **Shanahan ME**. Wake county child maltreatment surveillance system guidebook. 2016.
5. **Shanahan ME**, Fliss M, Ising A, Barnett C, Waller A. Child Maltreatment Data Dashboard. North Carolina Disease Event Tracking and Epidemiologic Collection Tool. 2015.
6. Zolotor AJ, **Shanahan M**, Nocera M, Murphy R, Sullivan K, Runyan DK, Barr M, Barr RG. The period of PURPLE crying: Keeping babies safe in North Carolina. Submitted to the Centers for Disease Control and Prevention. March 31st, 2014.

TEACHING RECORD

Classroom Instruction:

Courses Taught:

1. **Instructor, MHCH 713/713 Lab: Research Methods for Maternal and Child Health.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill.
Spring 2024, 31 students
Spring 2023, 37 students
2. **Co-Instructor, MHCH 626: Violence Prevention.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill.
Spring 2020, 18 students
Spring 2019, 15 students
3. **Instructor, MHCH 701: Foundations of Maternal and Child Health.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill.

Fall 2023, 33 students
Fall 2022, 40 students
Fall 2021, 42 students
Fall 2020, 27 students
Fall 2019, 33 students
Fall 2018, 39 students

4. **Co-Instructor, MHCH 625: Injury as a Public Health Problem.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill.
Fall 2019, 16 students
Fall 2018, 9 students
5. **Co-Instructor, MHCH 625/626/627: Injury and Violence as a Public Health Problem.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill. (3x1 credit-hours).
Fall 2017, 14 students
Fall 2016, 14 students
Fall 2015, 9 students
6. **Instructor, MHCH 740: Child Maltreatment Independent Study.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill. (3 credit hours).
Spring 2016, 1 student. Spring 2020, 1 student.
6. **Instructor, MHCH 740: Racial Equity in Maternal and Child Health Independent Study.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill. (3 credit hours). Spring 2019, 2 students.
7. **Instructor, MHCH 740: Health Equity for Physical Therapists.** Gillings School of Global Public Health, University of North Carolina at Chapel Hill. (2 credit hours).
Summer 2020, 1 student.

Guest Lectures:

1. **Guest Speaker, MHCH 801: Doctoral Seminar.** Leadership in Maternal and Child Health. Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Fall 2019-2020.
2. **Guest Speaker, SPGH 351: Foundations of Public Health.** Adverse childhood experiences. Fall 2019.
3. **Guest Speaker, SPGH 101: Exploring Public Health Fields.** Improving maternal and child health through the prevention of child maltreatment: A population perspective. Fall 2019-2023.
4. **Guest Speaker, EPID/MHCH 851: Reproductive and Perinatal Epidemiology.** Child maltreatment. Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Fall 2017-2022.
5. **Guest Speaker, MHCH 685: Human Sexuality.** Child sexual abuse and sexual health outcomes. Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Spring 2018, 2020.
6. **Guest Speaker, MHCH 890: Gender-Based Violence.** Child maltreatment. Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Fall 2016-2022.

7. **Guest Speaker, PSYCH 516: Child Maltreatment, Trauma, and Trauma-Informed Care.** Child maltreatment as a public health problem. Department of Psychology and Neuroscience, University of North Carolina at Chapel Hill. Maymester 2016.
8. **Guest Speaker, MHCH 701: Foundations in Maternal and Child Health.** Child health. Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Fall 2015, 2017.
9. **Guest Speaker, MHCH 801: Doctoral Seminar.** Research in child maltreatment. Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Fall 2015, 2018.
10. **Guest Speaker, MHCH 702: Foundations in Maternal and Child Health.** Newborn screening. Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Teaching Assistant Spring 2007, Guest Speaker Spring 2008-2018.

Advising/Mentoring

Department of Maternal and Child Health:

Chair of Dissertation Committee:

1. Anna Austin (PhD) (*Assessing heterogeneity in risk and protection among Alaska children*); graduated May 2019.
2. Caroline Chandler (PhD) (*Supporting strong starts: Associations between service receipt and developmental outcomes among infants and toddlers involved with Child Protective Services*); graduated May 2022.
3. Alexandra Coffey (PhD) (in progress)
4. Dana McCarty (PhD) (in progress)
5. Adia Loudon (PhD) (in progress)

Member of Dissertation Committee:

1. Andra Wilkinson (PhD) (*Patterns of binge drinking, marijuana use, and depressive symptoms from adolescence to young adulthood: Testing the self-medication and stress models*); graduated May 2016.
2. Nicole Kahn (PhD) (*Sexual experiences and health outcomes from adolescence to early adulthood in populations with physical disabilities*); graduated May 2018.
3. Lorenzo Hopper (PhD) (*Estimating the impacts of father engagement on early childhood overweight status in a national sample of US children*); graduated August 2020.
4. Hannabeth Franchino-Olsen (PhD) (*Minor sex trafficking and violence victimization: Experiences of interpersonal violence among minors who have experienced sex trafficking in the United States*); graduated May 2021.
5. Mallory Turner (PhD) (*Association between North Carolina Pre-Kindergarten and school exclusionary discipline from kindergarten through ninth grade*); graduated December 2021.
6. Hannah Silverstein (PhD) (*Disability, caregiver ability, and the impact of cash transfer programs on child-level outcomes*); graduated May 2022.
7. Lauren Caton (PhD) (in progress)

Chair of Curriculum Committee:

1. Anna Austin (PhD) (graduated May 2019)
2. Caroline Chandler (MPH-PhD) (graduated May 2022)
3. Alexandra Coffey (PhD) (in progress)

4. Dana McCarty (PhD) (in progress)

Member of Curriculum Committee:

1. Nicole Kahn (PhD) (graduated May 2018)
2. Mallory Turner (PhD) (graduated December 2021)
3. Hannah Silverstein (PhD) (graduated May 2022)

Masters Paper - First Reader:

1. Lauren Wall (MPH) (*Barriers to seeking and completing clubfoot treatment with the Ponseti Method: A meta-ethnography*); graduated May 2015.
2. Shahrzad Rouhani (MPH) (*The association between women's empowerment and modern contraceptive use in Egypt*); graduated Aug 2015.
3. Jennifer Schroeder (MPH) (*Inclusive emergency planning...What do access and functional needs and registries have to do with it?*); graduated Aug 2015.
4. Laura Ruhl (MPH) (*Afya Jami: Evaluation of a group antenatal and well child care program in Kenya*); graduated May 2016.
5. Sarah O'Rourke (MPH-MSW) (*Promoting economic opportunity for North Carolina child and families through children's savings accounts*); graduated Dec 2016.
6. Valerie Lansdale (MPH) (*Dar a Luz Honduras: A doula training curriculum*); graduated May 2017.
7. Caroline Chandler (MPH-PhD) (*Social-emotional competency training needs for North Carolina's early childhood workforce*); graduated Dec 2017.
8. Daijah Street (MPH) (*Paid family leave: A review of existing policies and guidance on implementation in the United States*); graduated May 2018.
9. Amy Shadron (MPH) (*"What's Next?": A training curriculum for parents of children with special healthcare needs navigating transition services to adulthood in Virginia*); graduated May 2018.
10. Linda Chamiec-Case (MPH-MSW) (*The effect of One ACT and One Act for Greeks trainings on bystander intervention*); graduated Aug 2018.
11. Alexandra Atkeson (MPH) (*Association Between Perinatal Medicaid Health Insurance Status and Postpartum Depression Symptoms: An analysis of the North Carolina Pregnancy Risk Assessment and Monitoring System (PRAMS) 2012, 2014-2017*); graduated May 2020.
12. Sarah Muthler (MPH) (*The effects of paid family leave on maternal and child health in the United States: A systematic review*); graduated May 2020.
13. Caitlin Gest (MPH) (*A study of the relationship between adverse childhood experiences and adult material hardship*); graduated May 2021.
14. Josie (Anna) Hatley (MPH) (*Listening ears: A scoping review investigating the intersection between parent perceptions and programming for families affected by parental substance misuse.*); graduated May 2022.
15. Catalina Montiel (MPH) (*Implementation analysis and plan for bilingual patient navigator for prenatal care at Wake County, North Carolina*); graduated May 2023.
16. Alexandra Otto (MPH) (*Monitoring and evaluation plan for Coaching Boys into Men in Orange County, North Carolina*); graduated May 2023.
17. Yomna Anan (MPH) (in progress)
18. Sarah Hill (MPH) (in progress)
19. Olivia Morales (MPH) (in progress)
20. Christal Vuata (MPH) (in progress)
21. Danielle Wilcox (MPH) (in progress)
22. Kaitlyn Polgar (MPH) (in progress)
23. Ariana Frazier (MPH) (in progress)

Masters Paper - Second Reader:

1. Phoebe Wescott (MPH) (*The impact of child maltreatment on juvenile delinquency*); graduated Aug 2015.
2. Kathleen Shumaker (MPH) (*Monitoring and implementation plan for the National Center for Child Traumatic Stress' trauma informed organizational assessment*); graduated December 2019.
3. Ishani Patel (MPH) (*Making the case for menstruation: Integrating Menstruation into the International Development Agenda*); graduated December 2022
4. Nija Newton (MPH) (*A study on implementing immediate postpartum contraception*); graduated May 2023.
5. Zoe Henderson (MPH) (in progress)

Other Departments/Schools:

Member of Dissertation Committee:

1. Jared Parrish (PhD) (Epidemiology) (*Quantifying methodological challenges in population-representative child maltreatment research through novel data linkages and outcome classification*); graduated Fall 2016.
2. Susannah Zietz (Health Behavior) (PhD) (*Patterns of adverse childhood experiences and subsequent risk of interpersonal violence perpetration among men in Dar Es Salaam, Tanzania: A mixed methods study*); graduated May 2019.
3. Rebecca Sokol (Health Behavior) (PhD) (*Child maltreatment and body mass index: Measurement considerations and the roles of social support and stress responses*); graduated May 2019.
4. Gerard Chung (School of Social Work) (PhD) (*Risk factors of subsequent allegations of child maltreatment*); graduated August 2021.
5. Blythe Rhodes (Health Behavior) (PhD) (*Syringe services programs in central Appalachia: Implementation and county-level health effects*); graduated December 2023.

Undergraduate Advisor/Second Reader:

1. Eliza Filene (Public Policy, Honors Thesis) (*Opioid overdose and intimate partner violence*); graduated May 2018.

GRANTS

Active Grants

3/1/2024-6/29/2029	School-based interventions to promote equity and improve health, academic achievement, and well-being of students NC Department of Public Instruction/CDC Role: Evaluator \$239,130 (total)
9/30/2021-9/29/2024	Examining state SNAP policies as a primary prevention strategy for early life exposure to violence and other adverse childhood experiences CDC Role: Co-Principal Investigator \$1,041,933 (total)
8/1/2020-7/31/2023	Patterns of Intimate Violence from Adolescence into Adulthood among Sexual Minorities and Heterosexuals; UNC Injury Prevention Research

Shanahan, M

	Center CDC Role: Co-Investigator \$537,759 (total)
6/1/2020-5/31/2025	UNC Center of Excellence in Maternal and Child Health Science, Education, and Practice HRSA/MCHB Role: Principal Investigator \$1,945,069 (total)
12/1/2018-11/30/2024	Do Dimensions of Adversity Differentially Predict Neural Development and Psychopathology in Young Children? NIH/NIMH Role: Co-Investigator \$3,881,821 (total)
7/1/2017-6/30/2024	Child Medical Evaluation Program Quality Improvement NC Department of Health and Human Services Role: Quality Improvement Specialist \$543,895 (annual)
<u>Completed Grants</u>	
9/1/2018-8/31/2023	Implementation of the Essentials for Childhood: Safe, Stable, Nurturing Relationships and Environments NC Department of Health and Human Services/CDC Role: Evaluator \$204,805 (total)
6/30/2018-6/29/2023	Improving Student Health and Academic Achievement through Nutrition, Physical Activity, and the Management of Chronic Conditions in Schools. NC Department of Public Instruction/CDC Role: Evaluator \$182,875 (total)
9/30/2019-9/29/2023	Evaluating the impact of Low-income Housing Tax Credits on child abuse and neglect, intimate partner violence, and opioid overdose CDC Role: Principal Investigator \$1,045,901 (total)
7/1/2020-6/30/2023	Children's Health and Development Program Expansion Child Care Resource and Referral of Wake County Role: Principal Investigator \$88,179 (total)
6/1/2015-5/31/2020	UNC Center of Excellence in Maternal and Child Health Science, Education, and Practice HRSA/MCHB

Shanahan, M

Role: Co-Investigator/Deputy Director
\$1,750,000 (total)

3/1/2016-8/31/2019 **Prescription Drug Overdose: Prevention for States**
NC Department of Health and Human Services/CDC
Role: Principal Investigator
\$597,592 (total)

4/1/2017-3/31/2019 **A Latent Class Analysis of Risk and Protective Factors in Child Development: Identifying Clusters among Alaska Native and non-Native Children**
HRSA
Role: Principal Investigator
\$100,000 (total)

2/1/2012-1/31/2019 **Drug Use Trajectories and Early Adult Functioning Among Maltreated Youth**
University of Maryland/National Institute on Drug Abuse
Role: Co-Investigator/Principal Investigator on Sub-award
\$133,275 (Subaward total)

1/1/2014-8/31/2018 **Implementation of the Essentials for Childhood: Safe, Stable, Nurturing Relationships and Environments**
NC Department of Health and Human Services/CDC
Role: Principal Investigator
\$108,425 (total)

6/1/2017-5/31/2018 **The Next Generation of Primary Care: Enhanced Care to Prevent Child Abuse and Neglect and Promote Health**
John Rex Endowment
Role: Co-Investigator
\$61,014 (total)

1/1/2015-3/31/2016 **Planning a Community Network to Prevent Child Maltreatment in Wake County**
John Rex Endowment
Role: Principal Investigator
\$115,810 (total)

1/1/2012-12/31/2015 **Surveillance of Child Maltreatment in Wake County**
NC Department of Health and Human Services/John Rex Endowment
Role: Co-Investigator
\$259,188 (total)

8/11/2011-7/31/2013 **The Effectiveness of Extending a Citywide Emergency Department Care Coordination Program to Prevent Prescription Drug Overdoses**
CDC
Role: Co-Investigator
\$368,933 (total)

9/30/2007-9/23/2013 **The Period of PURPLE Crying: Keeping Babies Safe in North Carolina**

CDC
Role: Co-Investigator
\$2,555,226 (total)

PROFESSIONAL SERVICE

Service to Department

1. Department of Maternal and Child Health, Chair's Executive Assistant Search Committee (2024)
2. Department of Maternal and Child Health, Chair Search Committee (2023-2024)
3. Department of Maternal and Child Health, Lead of Academic Program Support Coordinator Search Committee (2023)
4. Department of Maternal and Child Health, Diversity, Equity, and Inclusion Curriculum Committee (2020-2023)
5. Department of Maternal and Child Health, Maternal, Child, and Family Health concentration co-lead (2018-2022)
6. Department of Maternal and Child Health, Master's Committee (2017-2022)
7. Department of Maternal and Child Health, Alumni Committee (2016-2022)
8. Department of Maternal and Child Health, Adjunct Appointment Committee (2015-2017)
9. Department of Maternal and Child Health, Awards Committee (2014-2017)
10. Department of Maternal and Child Health Doctoral Comprehensive Exam (2014-2016, 2018-2021, 2023)
11. Department of Maternal and Child Health Masters Oral Comprehensive Exam (2014, 2016-2021)

Service to School

1. Gillings Cohort Hire Search Committee (2022-2023)
2. Gillings Future of Online Learning Workgroup (2022-2023)
3. Gillings Student Satisfaction Survey Workgroup (2021-present)
4. MCH Chair Review Committee (2020)
5. Gillings MPH Comprehensive Exam Scorer (2020, 2021, 2022)
6. Gillings MPH Comprehensive Exam Workgroup (2020-present)
7. Gillings MPH Steering Committee (2019-2022)
8. Faculty Advisor, Child Maltreatment Research and Practice Network (2017-present)
9. National Health Equity Research Webcast Planning Committee (2018)

Service to University

1. FPG Child Development Institute Review Committee (2017)
2. School Safety Summit Planning Committee (2018)
3. Doctoral Hooding Ceremony Speaker Selection Committee (2022-2023)

Service to State

1. Advisory Board Member:
North Carolina Community Child Protection Team (2019-)
2. Consultant:
Office of the Chief Medical Examiner, Child Fatality Review Team (2017)
Wake County Infant Mortality Prevention Group (2016)
3. Proposal Reviewer:
Injury and Violence Prevention Branch, North Carolina Division of Public Health (2015)
4. Working Group Member:
Project NO REST (2015-2017)

Shanahan, M

Pathways to Third Grade Reading (2015-2017)
Incredible Years Teacher Regional Working Group (2013-2016)

Service to National

1. Editorial Board:

Journal of Primary Prevention (2013-2019)

2. Occasional Reviewer:

Academic Pediatrics (2020)

American Journal of Preventive Medicine (2020-present)

Child Maltreatment (2017-present)

Child Abuse and Neglect (2010-present)

Injury Prevention (2017, 2020)

JAMA Pediatrics (2021)

Journal of Family Violence (2017)

Psychology of Violence (2016)

Journal of Safety Research (2015)

Journal of Primary Prevention (2013-present)

Pediatrics (2011)

Updated: April 9, 2024