

Sarah Dee Geiger
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EDUCATION

Ph.D. 2012 Public Health Sciences (Epidemiology/Biostatistics track), School of Medicine, West Virginia University, Morgantown WV
Certificate 2011 Healthcare Administration, Department of Public Administration, West Virginia University Morgantown WV
M.S. 2009 Community Health (Epidemiology/Biostatistics track), College of Applied Health Sciences, University of Illinois
B.G.S. 2004 General Studies, College of Liberal Arts and Sciences, Northern Illinois University

ACADEMIC APPOINTMENTS

University of Illinois at Urbana-Champaign

2020- Assistant Professor, Kinesiology and Community Health
2020- Assistant Professor, Beckman Institute for Advanced Science and Technology
2023- Affiliate Faculty, Institute for Sustainability, Energy, and Environment

Northern Illinois University, School of Health Studies, DeKalb IL

2019-2020 Associate Professor (tenured), Public Health Programs
2018-2019 Undergraduate Public Health Program Coordinator
2014-2019 Assistant Professor, Public Health Programs
2013-2014 Visiting Assistant Professor, Public Health Programs
2013 Adjunct Faculty, Public Health Programs

University of Illinois, Department of Comparative Biosciences, Urbana IL

2017- Adjunct Assistant Professor

University of Wisconsin, School of Medicine and Public Health, Madison WI

2012-13 Population Health Service Fellow, Population Health Institute

HONORS AND AWARDS

2022 Fellow of the American College of Epidemiology
2016-2022 Member of Illinois Public Health Association Executive Council
2019 Visiting Scholar, Northwestern University Department of Preventive Medicine
2018 Fellow of the American Heart Association Council on Epidemiology & Prevention
2018 American Heart Association Council on Epidemiology & Prevention's 44th Annual Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease
2017-2021 Member of American Heart Association EPI Membership & Communications Committee of the Council on Epidemiology and Prevention
2017-2018 Fellow of the Mid-America Conference Academic Leadership and Development Program
2017- Member of School of Public Health Alumni Advisory Council, West Virginia University
2016-2018 Chair of Epidemiology and Health Statistics Section, Illinois Public Health Association
2016 Robert Wood Johnson Foundation Health Disparities Research Finalist, Council of State and Territorial Epidemiologists Annual Conference, Anchorage AK
2015-2016 Population Health Training in Place Program, Centers for Disease Control and Prevention
2014-2015 Principal Investigator (PI) Academy, Division of Research and Innovation Partnerships, Northern

2014 Illinois University
Centers for Disease Control and Prevention Public Health Preparedness and Response Honor
Award for Outstanding Scientific Publication in the Subcategory of Behavioral and Social
Science for MMWR: Alcohol-attributable deaths and years of potential life lost - 11 States, 2006-
2010

FUNDING*

Current

NIH NIEHS (R03ES034125-01A1) <i>Relationship between prenatal maternal PFAS exposure and child sleep outcomes</i> Role: PI	S. Geiger \$158,600	12/1/2022-11/30/2024
Illinois Department of Public Health <i>Asthma Program Evaluation</i> Role: PI	S. Geiger \$69,445	09/01/2022-08/31/2023
Illinois Department of Public Health <i>Evaluation of the Illinois Asthma Program Activities, and Asthma Disparities among Older Adults Enrolled in Medicare</i> Role: PI	S. Geiger \$95,555	07/01/2022-06/30/2023
NIH ECHO Opportunities and Infrastructure Fund (5U2COD023375-05) <i>Relationship Between Prenatal Chemical Exposure, Maternal Stress, and Child Sleep Outcomes</i> Role: PI	S. Geiger \$200,000	09/01/2021-08/31/2023
HUD 2019 Healthy Homes Technical Study Grant Program <i>Drinking Water Lead Remediation Strategies for Illinois Homes with Domestic Wells</i> Role: PI	S. Geiger \$999,999	01/01/2020-12/31/2023
NIH ECHO Program (UH3 OD023272) <i>Cumulative Effects of Prenatal Stress and Chemical Exposures on Child Development</i> Role: Co-I	S. Schantz (PI) \$13,063,925	09/01/2018-8/31/2023
<i>Completed</i>		
Institute for Sustainability, Energy, and Environment seed funding <i>Addressing Health Disparities Associated with coal tar hazardous waste through interdisciplinary, community-engaged research</i> Role: Co-I	V. Verma (PI) \$30,000	01/15/2022-12/31/2022
Illinois Department of Public Health <i>A Comprehensive Public Health Approach to Asthma Control through Evidence-based Interventions</i> Role: PI	S. Geiger \$129,905	9/1/2020-8/31/2022
NIH ECHO OIF <i>Oxidative Stress and Inflammation Biomarkers in Relation to Birth Outcomes in Four ECHO Cohorts</i> Role: Site PI	S. Geiger \$200,000	09/01/2020-08/31/2022
NIH ECHO OIF <i>Improving Usability of Smartphone Tools for Reporting Chemical Biomonitoring Results</i>	S. Geiger	09/01/2019-08/31/2021

Role: Site PI	\$197,949	
Mid-America Conference <i>Methods to Improve Student Retention</i>	D. Yaman (PI)	09/01/2018-07/31/2019
Role: Co-I	\$6,483	
Illinois Sustainable Technology Center <i>Lead in Homes with Domestic Wells in Three Illinois Counties</i>	S. Dorevitch (PI)	09/01/2017-07/31/2019
Role: Co-I	\$258,492	
Illinois Department of Public Health (CDC pass-through) <i>Rape Prevention Education Indicator Selection Readiness Assessment</i>	S. Geiger	07/01/2018-01/31/2019
Role: PI	\$39,833	
NIH NHLBI Training Grant (T32 GM081741) <i>Cardiovascular and Pulmonary Disease</i>	James O'Donnell (PI)	09/01/2011-05/15/2012
Role: Pre-doctoral Trainee	\$157,184	

*Funding amounts are totals, not sub-award amounts

PEER-REVIEWED PUBLICATIONS

1. Padula AM, Hamra GB, Ning X, Barrett ES, Bastain T, Bennett D, Bloom M, Breton CV, Dunlop AL, Eick SM, Ferrara A, Fleisch A, **Geiger S**, Goin DE, Kannan K, Karagas MR, Korrick S, Meeker J, Morello-Frosch R, O'Connor T, Oken E, Robinson M, Romano ME, Schantz SL, Schmidt RJ, Starling A, Zhu Y, Woodruff TJ. (2023). Birth outcomes in relation to in utero exposure to per- and poly-fluoroalkyl substances (PFAS) and stress in the Environmental influences on Child Health Outcomes (ECHO) program. *Environmental Health Perspectives*, 131 (3).
2. Dorevitch S, **Geiger S**, Kelly W, Jacobs D, Demirtas H. (2023). Repeated home drinking water sampling to improve detection of particulate lead spikes: A simulation study. *Journal of Exposure Science and Environmental Epidemiology*. DOI: <https://doi.org/10.1038/s41370-023-00534-0>
3. **Geiger SD**, Musaad S, Hill J, Aguiar A, Schantz SL. (2023). Sex-specific associations between urinary bisphenols concentrations during pregnancy and problematic child behaviors at age 2 years. *Journal of Neurotoxicology and Teratology*, 96, 107152.
4. Eick SM, **Geiger SD**, Alshawabkeh A, Aung M, Barrett ES, Bush N, Carroll KN, Cordero JF, Goin DE, Ferguson KK, Kahn LG, Liang D, Meeker JD, Milne GL, Nguyen RHN, Padula AM, Sathyanarayana S, Taibl KR, Schantz SL, Woodruff JT, Morello-Frosch R. (2022). Urinary oxidative stress biomarkers are associated with preterm birth: an Environmental Influences on Child Health Outcomes study. *American Journal of Obstetrics and Gynecology*. DOI: [10.1016/j.ajog.2022.11.1282](https://doi.org/10.1016/j.ajog.2022.11.1282).
5. Taibl K, Schantz S, Aung M, Padula A, **Geiger S**, Park J-S, Milne G, Woodruff TJ, Morello-Frosch R, Eick SM. (2022). Associations of per-and polyfluoroalkyl substances (PFAS) and their mixture with oxidative stress biomarkers during pregnancy. *Environment International*, 169, 107541.
6. Spowles J, Dzwilewski KLC, Merced-Nieves F, Musaad SMA, Schantz SL, **Geiger SD**. (2022). Associations of prenatal phthalate exposure with neurobehavioral outcomes in 4.5- and 7.5- month-old infants. *Journal of Neurotoxicology and Teratology*, 92, 107102.

7. Eick SM, **Geiger S**, Alshawabkeh A, Aung M, Barrett E, Bush N, Cordero JF, Ferguson KK, Meeker JD, Milne G, Nguyen R, Padula AM, Sathyanarayana S, Schantz S, Woodruff TJ, Morello-Frosch R. (2022). Effects of social, biologic, and behavioral factors on biomarkers of oxidative stress during pregnancy: Findings from four ECHO cohorts. *Science of the Total Environment*. 835, 155596.
8. Li Q-Q, Liu J-J, Su F, Zhang Y-T, Wu L-Y, Chu C, Zhou Y, Shen X, Xiong S, **Geiger SD**, Qian Z, McMillin SE, Dong G-H, Zeng X-W. (2022). Chlorinated polyfluorinated ether sulfonates and thyroid hormone levels in adults: Isomers of C8 Health Project in China. *Environmental Science & Technology*, 56(10), 6152-6161.
9. Eick SM, Enright EA, Padula AM, Aung M, Geiger SD, Cushing L, Trowbridge J, Keil AP, Park J-S, DeMicco E, Schantz SL, Woodruff TJ, Morello-Frosch R. (2022). Effects of prenatal PFAS and psychosocial stress exposures on fetal growth in two pregnancy cohorts: applying environmental mixture methods to chemical and non-chemical stressors. *Environment International*, 163, 107238.
10. Oksas C, Brody JG, Brown P, Boronow KE, DeMicco E, Charlesworth A, Juarez M, **Geiger S**, Schantz SL, Woodruff TJ, Morello-Frosch R, Padula AM. (2022). Perspectives of peripartum people on opportunities for personal and collective action to reduce exposure to everyday chemicals: Focus groups to inform exposure report-back. *Environmental Research*, 113173.
11. Keddie A, Amerson N, Johnson C, Jenkins W, Crumly D, **Geiger S**. (2022). Leveraging secondary data for evaluation and planning: The Illinois Asthma Partnership. *Evaluation and Program Planning*. 92, 102077.
12. Tian F, Qi J, Qian Z, Li H, Wang L, C Wang, **Geiger SD**, McMillin SE, Yin P, Lin H, Zhou M. (2022). Differentiating the effects of air pollution on daily mortality counts and years of life lost in six Chinese megacities. *Science of the Total Environment*, 827, 154037.
13. Wu L, Dang Y, Liang L-X, Gong Y-C, Zeeshan M, Qian Z, **Geiger SD**, Vaughn MG, Zhou Y, Li Q-Q, Chu C, Tan Y-W, Lin L-Z, Liu R-Q, Hu L-W, Yang B-Y, Zeng X-W, Yu Y, Dong G-H. (2022). Perfluorooctane sulfonates induces neurobehavioral changes and increases dopamine neurotransmitter levels in zebrafish larvae. *Chemosphere*, 297.
14. Zimmerman E, Aguiar A, Aung MT, **Geiger SD**, Hines M, Woodbury M, Martens A, Huerta-Montanez G, Cordero JF, Meeker J, Schantz SL, Alshawabkeh A. (2021). Examining the association between prenatal maternal stress and infant non-nutritive suck. *Pediatric Research*, 1-9.
15. Zhang Y-T, Zeeshan, M, Qian Z, Su F, Qian Z, **Geiger SD**, McMillin SE, Wang, Z-B, Dong P-X, Ou Y-Q, Xiong S-M, Shen X-B, Zhou P-E, Yang B-Y, Chu C, Li Q-Q, Zeng X-W, Feng W-R, Zhou Y-Z, Dong G-H. (2021). Associations between both legacy and alternative perfluoroalkyl substances and glucose-homeostasis: The Isomers of C8 Health Project in China. *Environment International*, 158.
16. Dong G-H, Cong J, Chu C, Li Q-Q, Zhou Y, Qian Z, **Geiger S**, Vaughn M, Zeng W-W, Liu R-Q, Hu L-W, Yang B-Y, Chen G, Zeeshan M, Sun X, Xiang M. (2021). Associations of perfluorooctane sulfonate alternatives and serum lipids in Chinese adults. *Environment International*, 155.
17. Eick S, Enright E, **Geiger S**, Dzwilewski K, DeMicco E, Smith S, Park J-S, Aguiar A, Woodruff T, Morello-Frosch R, Schantz S. (2021). Associations of maternal stress, prenatal exposure to per- and polyfluoroalkyl substances (PFAS), and demographic risk factors with birth outcomes and offspring neurodevelopment: An overview of the

ECHO.CA.IL prospective birth cohorts. *International Journal of Environmental Research and Public Health*, 18, 742.

18. **Geiger SD**, Yao P, Qian Z, Vaughn M. (2021). Association between serum PFOA, PFOS and obesity among children in a nationally representative sample. *Chemosphere*, 268, 128852.
19. **Geiger SD**, Bressler J, Kelly W, Jacobs D, Awadalla S, Hagston B, Onwuta U, Panier C, Dorevitch S. (2020). Predictors of Water Lead Levels in Drinking Water of Homes with Domestic Wells in Three Illinois Counties. *Journal of Public Health Management & Practice*, 27(6), 567-576.
20. Dong G-H, Jalaludin B, Chen D, Markevych I, Heinrich J, Liu K, Hu L-W, Knibbs L, Bloom M, Jalava P, **Geiger S**, Liu S, Lin S, Dharmage S, Yim SHL, Zeng X-W, Guo Y, Vaughn M, Qian Z. (2019). Residential greenness and blood lipids in urban-dwelling adults: The 33 Communities Chinese Health Study. *Environmental Pollution*, 250, 14-22.
21. **Geiger S** & Grigsby-Toussaint D (2017). Mammography-seeking practices among central Illinois Amish women. *Journal of Community Health*, 42(2), 369-376.
22. Zhou Y, Bao W-W, Qian Z, **Geiger SD**, Parrish KL, Yang B-Y, Lee YL, Dong G-H. (2017). Perfluoroalkyl substance exposure and urine CC16 levels among asthmatics: A case-control study of children. *Environmental Research*, 159, 158-163.
23. Bao W-W, Qian Z, **Geiger SD**, Liu E, Wang S-Q, Lawrence WR, Yang B-Y, Hu L-W, Zeng X-W, Dong G-H. (2017). Gender-specific associations between serum isomers of perfluoroalkyl substances and blood pressure among Chinese: Isomers of C8 Health Project in China, *Science of the Total Environment*, 607-608, 1304-1312.
24. Christenson M, **Geiger SD**, Phillips J, Anderson B, Losurdo G, Anderson HA. (2017). Heat vulnerability index mapping for Milwaukee and Wisconsin. *Journal for Public Health Management and Practice*, 23(4), 396-403.
25. Zhang Y-Z, Zeng X-W, Qian Z, Vaughn M, **Geiger SD**, Hu L-W, Lu L, Fu C, Dong G-H. (2017). Perfluoroalkyl substances with isomer analysis in umbilical cord serum in China. *Environmental Science and Pollution Research*, 24, 13626-13637.
26. Zhou Y, Hu L-W, Qian Z, **Geiger SD**, Parrish KL, Dharmage S, Campbell B, Roponen M, Jalava P, Hirvonen M-R, Zeng X-W, Yang B-Y, Qin X-D, Lee Y. (2017). Interaction effects of polyfluoroalkyl substances and sex steroid hormones on asthma among children. *Scientific Reports*, 7(899), 1-7.
27. Liu RQ, Qian Z, Wang SQ, Vaughn MG, **Geiger SD**, Xian H, Lin S, Paul G, Zeng XW, Yang BY, Hu LW, Xu SL, Yang M, Dong GH (2017). Sex-specific difference in the association between poor sleep quality and abdominal obesity in rural Chinese: A large population-based study. *Journal of Clinical Sleep Medicine*, 13(4), 565-574.
28. Yun S, Kayani N, **Geiger S**, Wilson J. (2016). Racial and ethnic disparities in unintentional and intentional injury risk behaviors among Missouri high school students, 2013. *Public Health Reports*, 131(6), 758-764.
29. **Geiger SD**, Shankar A. (2015). The relationship between sleep-disordered breathing and hypertension in a nationally representative sample. *Sleep Disorders*, 2015, 1-7.
30. **Geiger SD**, Xiao J, Ducatman A, Frisbee S, Innes K, Shankar A. (2014). The association between PFOA, PFOS and serum lipid levels in adolescents. *Chemosphere*, 98, 78-83.

31. **Geiger SD**, Xiao J, Shankar A. (2014). No association between perfluoroalkyl chemicals and blood pressure levels in children. *Integrated Blood Pressure Control*, 7, 1-7.
32. Christenson M, **Geiger SD**, Anderson H. (2013). A review of heat related fatalities in Wisconsin during the summer of 2012. *Wisconsin Medical Journal*, 112(5), 219-223.
33. **Geiger SD**, Xiao J, Shankar A. (2013). Positive association between perfluoroalkyl chemicals and hyperuricemia in children. *American Journal of Epidemiology*, 177(11), 1255-62.
34. **Geiger SD**, Sabanayagam C, Shankar A. (2012). The relationship between insufficient sleep and self-rated health in a nationally representative sample. *Journal of Environmental and Public Health*, 12, 1-8.
35. Grigsby-Toussaint DS, Moise IK, **Geiger SD**. (2011). Observations of food marketing targeted to youth in the retail food store environment. *Obesity*, 19(9), 1898-1900.
36. Goins RT, Garroutte EM, Leading Fox S, **Geiger SD**, Manson SM. (2011). Theory and practice in participatory research: Lessons from the Native Elder Care Study. *The Gerontologist*, 51(3), 285-294.

MANUSCRIPTS UNDER REVIEW

37. Enright EA, Eick SM, Morello-Frosch R, Aguiar A, Woodbury ML, Sprowles JLN, **Geiger SD**, Trowbridge J, Andrade A, Smith S, Park J-S, DeMicco E, Padula AM, Woodruff TJ, Schantz SL. Associations of prenatal exposure to per- and polyfluoroalkyl substances (PFAS) with measures of cognition in 7.5-month-old infants: An exploratory study. *Neurotoxicology and Teratology*. Conditionally accepted.
38. Mansolf M, Blackwell CK, Chandran A, Colicino E, **Geiger S**, Harold G, McEvoy C, Santos HG, Sherlock PR. (2023). The relationship between caregiver perceived stress and child sleep health: An item-level meta-analysis. *Journal of Child and Family Studies*. Conditionally accepted.
39. Qin X-D, Zhou Y, Chu C, Qian Z. **Geiger SD**, Vaughn MG, Li Q-Q, Yang B-Y, Hu L-W, Yu Y, Dong G-H, Zeng X-W. Prenatal exposure to PFAS, estrogen homeostasis, and their interaction on preterm birth: The Maoming Birth Cohort Study.

MANUSCRIPTS IN PREPARATION

40. **Geiger SD**, Jacobs D, Wilkins T, Suarez J, Colangelo L, Allen N. Association between persistent organic pollutants and lipid subspecies.
41. **Geiger SD**, Keeley S, Kelly W, Jacobs D, Dorevitch S. Estimated blood lead levels in Illinois children on private wells.
42. Liu H, Kress AM, Ning X, Yu EX, Ghassabian A, Kahn LG, Jacobson M, Mehta-Lee SS, Brubaker SG, Trasande L, Alshwabke A, Cordero J, Meeker J, Camargo CA, Dabelea D, Deoni S, Suglia S, Elliott A, Ferrara A, Zhu Y, Gern J, Bendixsen C, Gold D, Datta S, Cassidy-Bushrow AE, Singh AM, Farzan SF, Niu Z, Hipwell AE, Karagas MR, Mirzakhani H, McEvoy C, Schmidt R, O'Connor TG, Simhan H, Oken E, Sanderson K, Petriello M, **Geiger SD**, Stanford J, Wright R, Carroll K, Lawrence G, Lucchini M, Herbstman J. Racial and ethnic disparities in hypertensive disorders of pregnancy in the U.S.: the ECHO-wide Cohort Study.
43. Gonzalez M, Volerman A, Swanson C, Salem E, Amerson N, Woolverton N, **Geiger SD**, Ewoo E, Pappalardo AA. Asthma policy in Illinois: School nursing and staff knowledge and implementation patterns.

OTHER PUBLICATIONS

1. Illinois Public Health Association Epidemiology and Health Statistics Section. (2018). Neonatal Abstinence Syndrome (NAS) Awareness and Education through Data Policy Resolution No. 3. <https://ipha.com/news/post/3590/2018-policy-resolutions>
2. **Geiger SD.** Pediatric exposures to persistent environmental chemicals. [Invited editorial]. (2014). *Pediatric and Neonatal Nursing*, 1(1), e001-002.
3. Centers for Disease Control and Prevention. (2014). State-specific alcohol-attributable deaths and years of potential life lost — 11 States, 2006–2010. *MMWR Morbidity and Mortality Weekly Reports*, 63(10), 213-6.
4. Atsas S, **Geiger SD.** (2011). The patient-centered medical home: Financing, measurement, and outcomes. *Commune Bonum: The Public Good*, 1(1), 2-10.

POSTER PRESENTATIONS

1. Woodbury M, Zimmerman E, Aguiar A, Aung MT, **Geiger SD**, Watkins DJ, Ng S, Cordero JF, Meeker JD, Alshawabkeh AN, Schantz SL. “Associations of non-nutritive suck and gestational phenol exposure in full-term infants from two US birth cohorts.” Pediatric Academic Societies Meeting, May 2023, Washington, D.C.
2. Woodbury ML, Zimmerman E, Aguiar A, Aung MT, **Geiger SD**, Watkins DJ, Ng S, Cordero JF, Meeker JD, Alshawabkeh AN, Schantz SL. “Associations of non-nutritive suck and gestational phenol exposure in full-term infants from two US birth cohorts.” Dysphagia Research Society Annual Meeting, March 2023, San Francisco CA.
3. Keeley S, Shapiro M, Amerson N, Johnson C, Keddie A, **Geiger S.** “Evaluating Asthma Care and Health Equity in Illinois through Utilizing EMS Data.” American Public Health Association Annual Meeting, November 2022, Boston MA.
4. **Geiger SD**, Chandran A, Churchill M, Mansolf M, Zhang C, Musaad S, Blackwell CK, Eick SM, Goin D, Korrick S, Alshawabkeh A, Brennan PA, Cordero JF, Dunlop AL, Elliott AJ, Ferrara A, LeBourgeois M, LeWinn D, Lucchini M, Lugo-Candelas C, Nozadi SS, Pini N, Zhu Y, Zimmerman E, & Schantz SL. “Relationship between maternal stress during pregnancy and child sleep outcomes.” American College of Epidemiology Annual Meeting, September 2022, Scottsdale AZ.
5. Taibl K, Woodruff TJ, Aung M, Padula A, **Geiger SD**, Smith S, Park J-S, Milne G, Schantz S, Morello-Frosch R, Eick SM. “Associations of Per- and Polyfluoroalkyl Substances (PFAS) and their Mixture with Oxidative Stress Biomarkers during Pregnancy.” 34th Annual Conference of the International Society of Environmental Epidemiology, September 2022, Athens Greece.
6. Lamphear M, Johnson C, Virgo E, Vipond L, Keddie A, **Geiger S.** “Illinois’ Coordinated Care Approach to Reducing Childhood Asthma Disparities in Metro and South Suburban Chicago.” American Public Health Association Annual Meeting, November 2022, Boston MA.
7. **Geiger S**, Dorevitch S, Kelly W, Jacobs D, Demirtas H. “Repeat water lead testing simulation: Current protocols inadequate.” National Rural Health Association’s 45th Annual Conference, May 2022, Albuquerque NM.
8. Dasgupta R, Gonzalez M, Volerman A, Salem E, **Geiger S**, Amerson N, Woolverton N, Pappalardo AA. “School nurse asthma policy knowledge and implementation: An Illinois perspective.” American Thoracic Society Annual Conference, May 2022, San Francisco CA.
9. Woodbury ML, **Geiger S**, Schantz SL. “Associations of prenatal phthalate exposure and child behavior at 2 and 3 years of age.” Prenatal Programming and Toxicity, January 2022, Virtual due to COVID-19.

10. **Geiger SD**, Keely S, Kelly W, Jacobs D, Dorevitch S. “Estimated Blood Lead Levels in Illinois Children on Private Wells.” American College of Epidemiology Annual Meeting, September 2021, Virtual due to COVID-19.
11. Lamphear M, Johnson C, Keddie A, **Geiger SD**. “Evaluation planning for the Illinois Asthma Program.” Illinois Public Health Association Annual Meeting, September 2021, Virtual due to COVID-19.
12. Johnson C, Leech C, Keddie A, **Geiger SD**. “Illinois Home Visiting Collaborative: A network of four asthma home visiting programs.” Illinois Public Health Association Annual Meeting, September 2021, Virtual due to COVID-19.
13. Wilson J, Christenson M, Losurdo G, Geiger S. “Exploring geographic trends of heat stress in Wisconsin 2002 - 2012.” American Association of Geographers Annual Meeting, April 2021, Virtual due to COVID-19.
14. **Geiger SD**, Suarez-Lopez JR, Colangelo L, Jacobs DR Jr, Steffes M, Allen N, Krefman A, Lee D-H. “Persistent organochlorine pollutants and cardiovascular disease, by diabetes and triglycerides.” American College of Epidemiology Annual Meeting, September 2020, Virtual due to COVID-19.
15. **Geiger S**, Daniel L, Clancy R, Amerson N, Pressley T. “Rape Prevention Education – Evaluation Capacity Building.” Illinois Public Health Association Annual Meeting, September 2019, Springfield IL.
16. Bressler J, **Geiger S**, Kelly W, Jacobs D, Dorevitch S. “Housing age, corrosivity, and lead detection in private well water: 3 Illinois Counties.” American College of Epidemiology Annual Meeting, September 2019, Pasadena CA.
17. Kelly W, Dorevitch S, Awadalla S, **Geiger S**. “Lead in Homes with Domestic Wells in Illinois.” IDEALS, July 2018. <http://hdl.handle.net/2142/99634>.
18. Kayani N, Yun S, **Geiger S**, Homan SG, Wilson JS. “Prevalence of Multiple Chronic Diseases and Risk Factors among Missouri Adults, 2011.” American College of Epidemiology Annual Meeting, September 2017, New Orleans LA.
19. Lander R, **Geiger S**, Kayani N, Yun S. “Geographic & racial disparities among Missouri WISEWOMAN participants.” Missouri Public Health Association Conference, September 2016, Columbia MO.
20. **Geiger S**, Yao P, Rogers E, Vaughn M, Qian Z. “Association between PFOA, PFOS and obesity among children in a nationally representative sample.” American Heart Association Council on Hypertension, September 2016, Orlando FL.
21. Yun S, Kayani N, **Geiger S**, Homan S, Wilson J. “Racial/ethnic disparities in Injury-related risk behaviors among Missouri youth, 2013.” Council of State and Territorial Epidemiologists Annual Conference, June 2016, Anchorage AL.
22. **Geiger SD**, Olson J, Irving R, Wozniak R, Xiao J, Rogers EH, Anderson H. “Association between urinary molybdenum and serum uric acid levels in a nationally representative sample.” Society for Epidemiologic Research Annual Meeting, June 2015, Denver CO.
23. **Geiger SD**, Grigsby-Toussaint D. “Breast cancer and mammography in central Illinois Amish women.” Association of Women’s Health, Obstetric, and Neonatal Nurses Annual Meeting, June 2014, Orlando FL.

24. **Geiger SD**, Shankar AS. “The relationship between sleep-disordered breathing and hypertension in a nationally representative sample.” *Sleep Regulation & Function*, March 2014, Galveston TX.
25. **Geiger SD**, Xiao J, Ducatman A, Frisbee S, Innes K, Shankar A. “The association between perfluoroalkyl chemicals and serum lipid levels in children.” *American Diabetes Association 73rd Scientific Sessions*, June 2013, Chicago IL.
26. Christenson M, **Geiger SD**. “Wisconsin’s heat-related fatalities: Summer 2012.” *Wisconsin Public Health Association – Wisconsin Association of Local Health Departments and Boards 2013 Annual Conference*, May 2013, Wisconsin Dells WI.
27. **Geiger SD**, Shankar A, Ducatman A. “Association between serum PFOA levels and hyperuricemia in children.” *3rd North American Congress of Epidemiology*, June 2011, Montreal QC, CA.

ORAL PRESENTATIONS

1. Woodbury M, Zimmerman E, Aguiar A, Aung M, **Geiger SD**, Watkins D, Ng S, Huerta-Montañez G, Cordero J, Meeker J, Schantz S, Alshawabkeh A. “Evaluating the relationship between prenatal exposures and non-nutritive suck as an early indicator of neurodevelopment.” *Society for Research on Child Development Biennial Meeting*, 2023.
2. Kelly W, **Geiger S**, Jacobs D, Awadalla S, Bressler J, Keeley S, and Dorevitch S, 2022. Lead in Homes with Domestic Wells in Three Illinois Counties. *The Private Well Conference (virtual)*, 2022.
3. *Pointer C, Chang L, Geiger SD, Rhine V, Lazare B. Health Policy Workshop: How to Write a Policy Proposal in 15 Minutes or Less. Illinois Public Health Association, 2021, Virtual due to COVID-19.*
4. *Francisco B, Geiger SD, Rodriguez-Donham W. State and City Asthma Programs Panel. National Environmental Education Foundation Children's Environmental Health Series, 2021, Virtual.*
5. Zimmerman E, Aguiar Andréa, Aung MT, **Geiger SD**, Hines M, Woodbury M, Martens A, Huerta-Montanez G, Cordero JF, Meeker J, Schantz SL, Alshawabkeh A. Examining the association between prenatal maternal stress and infant non-nutritive suck. *45th Annual Meeting of the Developmental Neurotoxicology Society*, 2021, Virtual due to COVID-19.
6. Kelly W, **Geiger SD**, Jacobs D, Awadalla S, Bressler J, Dorevitch S. “Lead in homes with domestic wells in three Illinois counties.” *Geological Society of America Annual Meeting*, October 2020, Virtual due to COVID-19.
7. Sprowles J, Dzwilewski K, Merced-Nieves F, Musaad S, Schantz SL, **Geiger SD**. “Association between prenatal phthalate exposure and developmental progress at age 2.” *44th Annual Meeting of the Developmental Neurotoxicology Society*, 2020, Cancelled due to COVID-19.
8. Hill J, **Geiger SD**, Musaad S, Aguiar A, Schantz SL “Association between prenatal bisphenol exposure and problematic behaviors at age 2.” *The Forty-third Annual Meeting of the Developmental Neurotoxicology Society*, June 2019, San Diego CA.
9. **Geiger SD**. “Teaching Online Stem Courses Panel.” *NIU Online Teaching Symposium*, June 2018, DeKalb IL.

10. Yun S, Kayani N, **Geiger SD**, Wilson J. “Racial and Ethnic Disparities in Unintentional and Intentional Injury Risk Behaviors among Missouri High School Students, 2013.” American Public Health Association Annual Meeting, October 2015, Chicago IL.
11. Gonzales K, Roeber J, Kanny D, Tran A, Saiki C, Johnson H, Yeoman K, Safranek T, Creppage K, Lepp A, Miller T, Tarkhashvili N, Lynch KE, Watson JR, Henderson D, Christenson M, **Geiger SD**. “State-Specific Alcohol-Attributable Deaths and Years of Potential Life Lost — 11 States, 2006–2010,” Council for State and Territorial Epidemiologists Annual Conference, June 2014, Nashville TN.
12. **Geiger SD**, Christenson M. “A review of heat related fatalities in Wisconsin during the summer of 2012,” Nursing and Health Studies Brown Bag Series, Northern Illinois University, November 2013, DeKalb IL.
13. **Geiger SD**. “Sleep-disordered breathing and hypertension,” Center for Cardiovascular and Respiratory Sciences Annual Retreat, December 2011, Morgantown WV.
14. **Geiger SD** “Sleep-disordered breathing and cardiovascular disease,” West Virginia Sleep Society’s 7th Annual Sleep Retreat, September 2011, Roanoke WV.
15. Grigsby-Toussaint D, Moise I, **Murphy (Geiger) S**. Observations of food marketing directed to youth in Central Illinois. 137th APHA Annual Meeting, November 2009, Philadelphia PA.
16. Grigsby-Toussaint D, Moise I, **Murphy (Geiger) S**. “Spatial dynamics of the retail food environment: Observations of food options and marketing in central Illinois,” URISA’s 2nd GIS in Public Health Conference, June 2009, Providence RI.

INVITED PRESENTATIONS

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| 2023 | “Characterizing and mitigating lead in private well water across 5 Illinois counties.” 2023 National Program Managers Conference & 2023 National Home Performance Conference, Seattle, Washington. |
| 2023 | “Characterizing and mitigating lead in private well water across five Illinois counties.” Department of Environmental Health-University of Alabama at Birmingham Seminar Series. |
| 2023 | “Prenatal predictors of child sleep health, and my journey to epidemiology as the crow flies.” ACE in Action speaker series. |
| 2022 | “Effects of endocrine-disrupting chemicals and stress during pregnancy, on child sleep quality.” Order of St. Francis Healthcare Speaker Series. |
| 2022 | “Perfluoroalkyl substance concentrations during pregnancy, and early childhood sleep quality” Environmental Endocrine Disruptors, Newry, Maine. |
| 2022 | “Improving usability of smartphone tools for reporting individual chemical biomonitoring results,” Beckman Director’s Seminar, University of Illinois at Urbana-Champaign. |
| 2022 | “Lead in drinking water of homes with private wells in Illinois.” Illinois Association of Local Environmental Health Administrators Annual Meeting, Normal IL. |
| 2021 | “Improving usability of smartphone tools for reporting individual chemical biomonitoring results,” Interdisciplinary Environmental Toxicology Program Seminary Series, University of Illinois at Urbana-Champaign. |
| 2020 | “Planning, Planning, and...MORE PLANNING?” Illinois Asthma Partnership Annual Meeting, Virtual due to COVID-19. |
| 2020 | “Perfluoroalkyl Substance Exposure and Cardiovascular Disease-Related Outcomes,” Research Seminar, Division of Biostatistics and Epidemiology, Cincinnati Children’s Hospital, Virtual due to COVID-19. |

- 2019 “Perfluoroalkyl Substance Exposure and Cardiovascular Disease-Related Outcomes,” Cardiovascular Epidemiology Research Seminar, Department of Preventive Medicine, Northwestern University
- 2018 “Perfluoroalkyl Substance Exposure and Cardiovascular Disease-Related Outcomes,” Department of Biopharmaceutical Sciences, University of Illinois Rockford Health Sciences Campus
- 2017 “Perfluoroalkyl Substance Exposure and Cardiovascular Disease-Related Outcomes,” Department of Comparative Biosciences, University of Illinois at Urbana-Champaign
- 2017 “Environmental Epidemiology,” Environmental and Occupational Epidemiology graduate course, Department of Epidemiology, St. Louis University
- 2016 “Cross-Sector Collaboration,” Population Health Training in Place Program, Centers for Disease Control and Prevention
- 2016 “Quantitative Research Methods,” Advanced Evidence-Based Practice in Nursing graduate course, Northern Illinois University
- 2015 “Quantitative Research Methods,” Advanced Evidence-Based Practice in Nursing graduate course, Northern Illinois University
- 2015 “American Health and Family,” Honors China Study Abroad Program, Northern Illinois University
- 2013 “Wisconsin’s 2012 Heat Fatalities,”
 Wisconsin Association of Coroners and Medical Examiners Annual Conference
 Milwaukee Extreme Heat Task Force, Milwaukee, WI
 State Health Officer Webcast, Madison WI
 Bureau of Environmental and Occupational Health Science Team, Madison WI
- 2012 “Wisconsin’s Heat Response Plan: Fatality Reporting,”
 Wisconsin Public Health Preparedness Advisory Committee, Madison WI
 Wisconsin Hospital Emergency Preparedness Program, Wisconsin Dells WI
- 2012 “Evaluating Health System Performance,” Principles of Population Health Medicine and Epidemiology graduate course, University of Wisconsin
- 2010 “Nutrition for Older Adults,” Caroline Haase Senior Companion Workshop Series, Kingwood WV
- 2010 “Exercise in Older Adults,” Caroline Haase Senior Companion Workshop Series, Kingwood WV
- 2008 “Child Nutrition,” Vineyard Church Women’s Health Fair, Urbana IL

TEACHING

University of Illinois:

- Undergraduate: Foundations of Health Behavior
 Women’s Health
- Graduate: Biostatistics in Public Health
 Women’s Health

Northern Illinois University:

- Undergraduate: Public Health Epidemiology
 Community Health Promotion
- Graduate: Problems and Issues in Environmental Health
 Principles & Methods of Epidemiology
 Introduction to Health Systems in the US

West Virginia University:

- Graduate: Public Health Epidemiology
 Environmental Health

PROFESSIONAL SERVICE

2022-2023	Member of American College of Epidemiology Website Redesign Task Force
2021-2024	Vice Chair of American Heart Association EPI Membership & Communications Committee of the Council on Epidemiology and Prevention
2022-2024	Vice Chair, Advanced Medical Transport East Board of Directors
2019-2024	Member of the Illinois Asthma Partnership
2019-2024	Member of the Illinois Asthma Partnership Surveillance and Evaluation Workgroup
2019-2024	Member of the Illinois Asthma Partnership Executive Committee
2019-2022	Co-Chair of the Illinois Public Health Association Academia Section
2020-2023	Chair of the American College of Epidemiology Membership Committee
2017-2020	Member of American Heart Association EPI Membership & Communications Committee of the Council on Epidemiology and Prevention
2017-2020	Vice Chair of American College of Epidemiology Membership Committee
2019	Member of the American College of Epidemiology Nominating Committee
2018-2021	“Fellow” applications reviewer for the American Heart Association Council on Epidemiology & Prevention
2017-2020	Course Reviewer for Quality Matters
2018	External manuscript reviewer for CDC’s Agency for Toxic Substances and Disease Registry
2017	Policy Reviewer for American Public Health Association Epidemiology Section
2017	Reviewer for management company proposals, American College of Epidemiology
2016-2017	Member of Illinois Public Health Association Health Policy Section
2015-2017	Member of American Public Health Association Children’s Environmental Health Committee
2015-2017	Member of American College of Epidemiology Membership Committee
2015-	Member of American College of Epidemiology
2012-	Manuscript reviewer for <i>Environmental Science & Technology</i> , <i>Environmental Health</i> ; <i>Environmental Science & Pollution Research</i> ; <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> ; <i>Journal of Public Health Management and Practice</i> ; <i>Environmental Research</i> ; <i>Environmental Pollution</i> ; <i>Pediatrics</i> ; <i>BMC Public Health</i> ; <i>Inflammation</i> ; <i>Kidney International</i> ; <i>Journal of Healthcare for the Poor and Underserved</i> ; <i>Science of the Total Environment</i> ; <i>Environment International</i> ; <i>Environmental Research</i> ; <i>American Journal of Epidemiology</i>
2015	Poster judge for American College of Epidemiology Annual Meeting
2015	Abstract reviewer for American College of Epidemiology Annual Meeting
2013	Evaluator, Northeast Regional “Ice Storm” Hospital Preparedness Tabletop Exercise, Appleton WI
2012	Interview Panelist, Epidemiologist, Bureau of Environmental and Occupational Health, Madison, WI
2012	Rating Panelist, Toxicologist, Bureau of Environmental and Occupational Health, Madison, WI

ACADEMIC COMMITTEES & SERVICE

University of Illinois:

2022-23	Member of Physical Activity Epidemiology faculty search committee
2022-23	Travel Conference Award Committee
2021-23	Member of Search Committee for Adjunct Faculty
2020-22	Member of CHLH Minor/Certificate Committee
2020-21	Member of Search Committee for Visiting Associate Research Scientist, Prairie Research Institute
2020	Member of IKIDS Visiting Data Manager Search Committee, Beckman Institute for Advanced Science and Technology

Northern Illinois University:

2019-2020	Member of Grade Appeals Committee, School of Health Studies
2018-20	Member of Baccalaureate Council, NIU
2018-19	Member of Public Health Advisory Committee
2018-20	Chair of BS to MPH Accelerated Degree Program Committee
2017-19	Member of Curriculum and Assessment Committee, Public Health and Health Education Programs
2016-19	Member of Library Liaison Committee
2015-17	Chair of Enrollment Committee, Public Health and Health Education Programs
2015-16	Member of Elections Committee, School of Nursing and Health Studies
2014-17	Member of Educational Services and Programs Faculty Advisory Committee
2015	Chair of CEPH Accreditation Service Sub-Committee
2015	Member of CEPH Accreditation Core Competencies Sub-Committee
2014-15	Member of Health Studies PhD Admissions Committee
2013-14	Member (non-voting) of Research Committee, School of Nursing and Health Studies

West Virginia University:

2011	Member of School of Public Health Planning Committee, Research Group
2011	Member of Assistant Director for Health Sciences Center Graduate Education Search Committee

THESIS AND DISSERTATION COMMITTEES

Member, Zane Inman, PhD in Comparative Biosciences, University of Illinois at Urbana-Champaign.

Member, Brian Ring, PhD in Health Sciences, Northern Illinois University.

Member, Roy Valenzuela, 2021, PhD in Health Sciences, Northern Illinois University. “Evaluation of the Fort Bliss Senior Leaders Sustainment Program.”

Member, Jonathan Bressler, 2019, M.S. in Environmental and Occupational Health Science, University of Illinois at Chicago, “Water Lead Levels of Private Domestic Well-Supplied Homes in Three Rural Illinois Counties.”

Member, Hana Hinkle, 2018, PhD in Health Sciences, Northern Illinois University, “A Cultural Competency Training Model for the Public Health Workforce: Public Health CARES.”

PROFESSIONAL MEMBERSHIPS

American College of Epidemiology
American Heart Association
American Evaluation Association
Illinois Public Health Association

TECHNICAL SKILLS

Statistical and Data Analysis packages: ArcGIS, SAS, SPSS, Epi Info

Platforms and Operating Systems: Windows 2000/XP; Mac OS

Software: Microsoft Office Applications: Access, Excel, Word, PowerPoint

Citation Management programs: Zotero, RefWorks, EndNote, Reference Manager

PROFESSIONAL DEVELOPMENT

2021 ACES Research Academy, University of Illinois, Champaign, IL
2019 Microbiome Initiative Workshop, University of Illinois, Champaign, IL
2019 Discovery Partnership Institute, Environment and Water Working Group Workshop, UIUC
2018 American Heart Association Scientific Sessions, Chicago IL
2018 First 1,000 Days Symposium, University of Illinois, Champaign IL
2018 Illinois Public Health Association Annual Meeting, Bloomington IL
2018 Illinois Coalition Against Sexual Assault Statewide Conference, Springfield IL
2017- American Heart Association Mentoring for Professionals Program
2017 Illinois Public Health Association Annual Meeting, Bloomington IL
2017 Peer Reviewer Course & Certification, Quality Matters
2017 Faculty Summer Institute, University of Illinois, Urbana IL
2016- American College of Epidemiology Mentorship Program
2016 Faculty Mentorship Program, Faculty Development and Instructional Design, NIU
2016 Applying the Quality Matters Rubric workshop, Faculty Development and Instructional Design, NIU
2016 Online Course Design Academy, Faculty Development and Instructional Design, NIU
2012 Risk and Crisis Communication Training (Dr. Vince Covello), WI Division of Public Health
2012 Incident Command System-100 Certification
2012 Incident Command System-200 Certification
2012 National Incident Management System Certification
2011 Food Safety Manager Certification
2010 32nd Institute on Aging, West Virginia University, Morgantown WV