

JEAN M KERVER, PhD, MSc, RD

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EDUCATION AND TRAINING

- 2010 **Post-Doc** **Randomized Clinical Trials Involving Behavioral Interventions**
NIH Office of Behavioral and Social Sciences Research (OBSSR)
Summer Institute, Warrenton, VA
- 2006-2010 **MSc** **Epidemiology**, Michigan State University, East Lansing, MI
Thesis: *Dietary Correlates of the Insulin-like Growth Factor System in Adolescent Girls: Results from the Dietary Intervention Study in Children*
- 2006-2007 **Post-Doc** **Perinatal Epidemiology** (NIH NICHD T32 HD046377) Department of Epidemiology, Michigan State University, East Lansing, MI
- 1998-2003 **PhD** **Human Nutrition**, Michigan State University, East Lansing, MI
Dissertation: *Eating Patterns associated with Risk Factors for Cardiovascular Disease in U.S. Adults*
- 1991-1993 **MS** **Clinical Nutrition**, Rush University, Chicago, IL
Thesis: *Urinary Lactose in Postpartum Women Expressing Breast Milk*
- 1991-1993 **RD** **Dietetic Internship**, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL
- 1985-1990 **BS** **Dietetics**, Michigan State University, East Lansing, MI

FACULTY APPOINTMENTS

- 2024- **Associate Professor, Tenure Stream**, College of Human Medicine, Department of Epidemiology and Biostatistics, Michigan State University, East Lansing, MI
- 2020-2024 **Associate Professor, Fixed Term**, College of Human Medicine, Department of Epidemiology and Biostatistics, Michigan State University, East Lansing, MI
- 2020- **Adjunct Associate Professor**, College of Human Medicine, Department of Pediatrics and Human Development, Michigan State University, East Lansing, MI
- 2015-2020 **Assistant Professor, Fixed Term**, College of Human Medicine, Department of Epidemiology and Biostatistics, Michigan State University, East Lansing, MI
- 2012-2014 **Assistant Professor and Extension Specialist, Fixed Term**, College of Human Medicine, Department of Epidemiology and Biostatistics, Michigan State University, East Lansing, MI

OTHER PROFESSIONAL EXPERIENCE

2007-2012	Study Coordinator, Michigan Alliance for the National Children's Study , Department of Epidemiology, Michigan State University, East Lansing, MI
2004-2009	Instructor (Part-time) , Department of Food Science and Human Nutrition, Michigan State University, East Lansing, MI
1998-2003	Graduate Student and Research Assistant , Department of Food Science and Human Nutrition, Michigan State University, East Lansing, MI
1993-1998	Nutrition Specialist (Clinical and Research Dietitian) , Diabetes Research and Training Center, Department of Medicine, University of Chicago, Chicago, IL
1991	Research Assistant , Nutrition Research Dept., Kellogg Co., Battle Creek, MI

PROFESSIONAL MEMBERSHIPS

2012-	Society for Epidemiologic Research
2007-	Society for Pediatric and Perinatal Epidemiologic Research
1999-	American Society for Nutrition
	Maternal, Perinatal and Pediatric Nutrition, Research Interest Section (2019-)
	Nutritional Epidemiology Research Interest Section (2018-)
	Nutrition Education Research Interest Section, Graduate Student Rep., (2002)
1996-2001	Certified Diabetes Educator (CDE)
1993-1998	American Diabetes Association
1993-1998	American Association of Diabetes Educators

HONORS AND AWARDS

*Indicates student or post-doctoral mentee at the time the work was undertaken

2026	Cardiovascular Research Recognition Award, American Physiological Society, awarded to WT Blumenburg, Kinesiology doctoral student advisee for the professional presentation: *Blumenburg WT, *Mason JP, Wiggins CC, Kerver JM , Slade JM, Currie KD. The Association Between Habitual Sleep Metrics and Blood Pressure Reactivity to Sympathoexcitatory Stimuli in Premenopausal Females. American Physiological Society Annual Summit 2026.
2026	Barbara and John Horowitz Outstanding Undergraduate Abstract, American Physiological Society, awarded to JP Mason, Kinesiology undergraduate student advisee for the professional presentation: *Mason JP, *Blumenburg WT, Wiggins CC, Kerver JM , Slade JM, Currie KD. The Association Between Morning Blood Pressure Surge and Cardiovascular Baroreflex Sensitivity in Young Healthy Females. American Physiological Society Annual Summit 2026.
2025	2 nd Place Oral Presentation, Medical Student Category, Department of Family Medicine, Michigan State University, awarded to V Acuña, and T Lombard, medical student mentees for the professional presentation: *Acuña V, *Lombard T, Kerver JM . The Role of Insurance Type in Perinatal Healthcare Adequacy. <i>Family Medicine Research Day</i> , May 22, 2025, Lansing, MI.
2025	Top cited article in <i>Pediatric Obesity</i> among work published between Jan 1-Dec 31, 2024, Wiley, for: Ling J, Suriyawong W, Robbins LB, Zhang N, Kerver JM .

	FirstStep2Health: A cluster randomized trial to promote healthy behaviors amongst low-income preschoolers. 2024 Jul;19(7):e13122.
2025	Number 14 in the nation on the 2025 Blue Ridge Institute for Medical Research (BRIMR) ranking of NIH funding to individual researchers in Public Health. \$4,638,769. BRIMR.ORG
2024	Number 17 in the nation on the 2024 Blue Ridge Institute for Medical Research (BRIMR) ranking of NIH funding to individual researchers in Public Health. \$4,211,910. BRIMR.ORG
2023	Number 16 in the nation on the 2023 Blue Ridge Institute for Medical Research (BRIMR) ranking of NIH funding to individual researchers in Public Health. \$3,499,777. BRIMR.ORG
2022	Number 29 in the nation on the 2022 Blue Ridge Institute for Medical Research (BRIMR) ranking of NIH funding to individual researchers in Public Health. \$2,901,575. BRIMR.ORG
2021	Number 21 in the nation on the 2021 Blue Ridge Institute for Medical Research (BRIMR) ranking of NIH funding to individual researchers in Public Health. \$3,013,634. BRIMR.ORG
2019	*Shipp GM, Weatherspoon LG, Comstock SS, Norman GS, Alexander GL, Kerver JM . Breastfeeding Self-Efficacy of African American Women at 6 Weeks Postpartum as a Predictor of Breastfeeding Intensity at 6 and 20 Weeks Postpartum. American Public Health Association 2019 Annual Meeting, November, Philadelphia, PA Chosen for the “Greg Alexander Outstanding Student Abstracts” Oral Presentation
2016	Journal of Human Lactation Editorial Review Board Choice, Research Article of the Year for <i>JHL</i> . 2015;31(1):129–137.
2010	Selected Fellow, Summer Institute on Randomized Clinical Trials Involving Behavioral Interventions, sponsored by the NIH Office of Behavioral and Social Sciences Research
2005	Published Paper Award, Research Practice Group, American Dietetic Association, Co-author award for <i>Am J Clin Nutr</i> . 2003 Jun;77(6):1426-33.
2000, 2002	Dissertation Fellowship, College of Human Ecology, MSU
2001	ECOLAB scholarship, American Dietetic Association Foundation
2000	Beth and Holly Fryer Scholarship, College of Human Ecology, MSU
1998	Graduate School Fellowship, MSU
1989-1990	Invited member of Omicron Nu Honor Society, MSU
1986-1990	Invited member of the Honors College, Michigan State University (MSU)

EXTERNAL RESEARCH SUPPORT

Total Funds Awarded=\$23,910,120 as of 01/01/2026

ACTIVE

6. NIH-OD, UG3/UH3 OD023285 **Kerver (contact PI)** 09/23—05/30
 MPIs: Kerver [contact PI]; Paneth, Barone, Elliott, Fussman, Ruden
 Total Federal Funds Requested: \$25,960,838; Direct Costs: \$16,615,663

Prenatal Exposures and Child Health Outcomes 2: A Statewide Study of Michigan Families

Role: Contact Principal Investigator (30-40% effort)

5. NIH-OD, 3UH3OD023285-S1 (Return to the Workforce Supplement) **Kerver (PI)** 09/25-8/26
Cannabis Use Among Pregnant and Postpartum Women
 Direct Costs: \$83,607
 Role: Principal Investigator/Mentor for Co-Investigator, Ban Al-Sahab, PhD
4. DHHS-HRSA (Health Resources and Services Admin) Kramer (PI) 09/23-08/26
Rural Communities Opioid Response Program—Medication Assisted Treatment Access (RCORP-MAT)
 Total Federal Funds Requested: \$2,488,000. Direct Costs for MSU Subcontract: \$58,563
 Role: Data Coordinator/Evaluation Director (10% effort)
3. NIH-NCCIH, UG3/UH3 AT012521 Jiyong Ling (PI) 08/23-07/28
Food-Body-Mind Intervention: Promote Whole Child Health
 NIH/National Center for Complementary and Integrative Health
 Total Federal Funds Requested: \$5,827,438
 Role: Co-Investigator (5-10% effort)
2. NIH-NIDDK, R01DK135054 Comstock and Cassidy-Bushrow (MPIs) 05/23-02/28
A Pre-, Peri-, and Post-natal Approach to Understanding the Risk and Mechanisms for Obesity
 Year 1 Total Costs: \$680,236
 Role: Co-Investigator (5% effort)
1. NIH-NHLBI, R61/R33 HL144896 Robbins (PI) 09/19-08/26
Guys/Girls Opt for Activities for Life (GOAL) Trial
 Total Federal Funds Requested: \$5,000,000
 Role: Co-Investigator (1% funded effort, all investigators reduced due to pandemic era recruitment issues requiring staff funding for extended time)

COMPLETED

26. Food Bank Council of Michigan **Kerver (PI)** 12/23-09/25
Michigan Hunger Study
 Direct Costs: \$416,095
 Role: Principal Investigator (10% effort)
25. NIH-NIAID, P01 Renewal (P01AI089473) Johnson & Ownby (MPI's) 09/19-08/25
Microbiota and Allergic Asthma Precision Prevention (MAAP2)
 Direct Costs (for MSU Subcontract): \$292,403
 Role: Co-Investigator (10% effort)
24. Michigan Health Endowment Fund **Kerver (PI)** 10/21-8/24
Food as Medicine for High Risk Pregnant and Postpartum Women
 Direct Costs: \$450,000
 Role: Principal Investigator (10% effort)
23. Michigan Health Endowment Fund Saxe-Custack (PI) 10/21-8/24
Expansion of a Fruit and Vegetable Prescription Program: A Prenatal Pilot
 Role: Co-Investigator (5% effort)

22. Michigan Health Endowment Fund Jiying Ling (PI) 1/23-12/24
Eat My ABCs: Integrate Healthy Eating Into School Readiness
 Role: Co-Investigator (2% effort)

21. NIH-OD, UG3 Now Phased to UH3 OD023285 **Kerver & Paneth (co-PIs)** 09/16-8/23
Prenatal Exposures and Child Health Outcomes: A Statewide Study
 Direct Costs for the 5 of 7 Award years that I served as PI: \$12,757,746
 Role: Co-Investigator, transitioned to MPI in 2018, transitioned to contact PI in 2021

20. Michigan Health Endowment Fund (Ling/**Kerver**/Robbins, Co-PIs) 01/20–12/22
Happy Family, Healthy Kids: An Intergenerational Program to Promote Healthy Eating Habits
 Role: Co-Principal Investigator

19. NIH-NICHD, R01 Saxe-Custack (PI) 07/20-6/23
Innovative Nutrition Practices in Pediatric Health Care: Assessment of a Fruit and Vegetable Prescription Program for Children in Need
 Role: Co-Investigator

18. Michigan Health Endowment Fund (Ilardo, PI) 01/21–06/23
Successful Nutrition Programs Across the Lifespan (SNP-AL)
 Role: Co-Investigator

17. NIH-OD, 3UH3OD023285-S1 (Diversity Supplement) **Kerver (PI)** 09/20-8/22
Understanding Breastfeeding Practices Among ECHO Cohort Participants Before and During/After the COVID-19 Pandemic
 Direct Costs: \$143,206
 Role: Principal Investigator/ Mentor for Post-Doctoral Fellow, Gayle Shipp, PhD

16. NIH-OD, 3UH3OD023285-S2 (Maternal Mortality Supplement) **Kerver (PI)** 09/20-8/22
Mitigating the Impact of Implicit Bias on Maternal Morbidity and Mortality for African American Women
 Direct Costs: \$227,716
 Role: Principal Investigator/ Mentor for Co-Investigator, Gwendolyn Norman, PhD

15. NIH-NINR, R21 Ling (PI) 09/19-8/22
Using Facebook and Participatory Learning in an Intergenerational Intervention to Prevent Obesity in Head Start Preschoolers
 Role: Co-Investigator

14. DHHS-SAMHSA (Subst. Abuse & Mental Health Services Admin) Kramer (PD) 09/18–9/21
Community Opioid Recovery Expansion (CORE)
 Direct Costs (for MSU Subcontract): \$78,729
 Role: Evaluation Director

13. Michigan Health Endowment Fund **Kerver (PI)** 07/18-6/21
Food as Medicine for Older Adults with Chronic Health Conditions
 Direct Costs: \$538,248
 Role: Principal Investigator

12. USDA Brophy-Herb (PI) 03/15-3/21
Effectiveness of Differing Levels of Support for Family Mealtimes on Obesity Prevention among Head Start Preschoolers

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PEER-REVIEWED PUBLICATIONS

Google Scholar Citation Check	02/08/2026
All Citations	4,157
h-index	29
i10-index	64

*Indicates student or post-doctoral mentee at the time the work was undertaken

‡Indicates community partner

99. Sheth HJ, Xie SY, **Kerver JM**, Comstock SS. Diet Diversity Is Associated with Prepregnancy Body Mass Index but Not the Pregnancy Third-Trimester Gut Microbiota. *Curr Dev Nutr*. 2026 Aug 11;10(9):109514. doi: 10.1016/j.cdnut.2026.109514. PMID: 42733570; PMCID: PMC13571229.
98. Al-Sahab, B., Alshaarawy, O., Quinn, K., **Kerver, JM**, Bohnert, KM, Jaber, A, Paneth, N. Validity of Self-Reported Cannabis Use Based on Urine Toxicology Measures in a Population-Based Pregnancy Cohort in Michigan. *Substance Use & Misuse*. 2026 May 11:1–8. <https://doi.org/10.1080/10826084.2026.2670606>
97. Taillie LS, Siegel KR, Blackstone NT, **Kerver JM**, Bailey RL, Connors P, Rowe S, Papoutsakis C, Raiten DJ. Current evidence on dietary patterns and consumer food choices in the context of climate and environmental change: a global perspective—a report from the “Agriculture and Diet: Value Added for Nutrition, Translation, and Adaptation in a Global Ecology” (ADVANTAGE) Project Working Group 2. *Advances in Nutrition*. 2026 Apr 15;17(6): 100636. doi: 10.1016/j.advnut.2026.100636.
96. *Pedersen AF, Petrick LM, Roth K, Yang Z, Sitarik AR, Maroli A, Dolios G, Carignan C, Goodrich JM, **Kerver JM**, Petriello M. Nontargeted screening identifies mixtures of environmental pollutants that are associated with perturbations to amino acid and fatty acid metabolic pathways during early pregnancy. *Environ Int*. 2026 Mar;209:110172. doi: 10.1016/j.envint.2026.110172. Epub 2026 Feb 25. PMID: 41764891; PMCID: PMC13105256.
95. Al-Sahab B, **Kerver JM**, Alshaarawy O, Bohnert KM, Elliott MR, Qiu H, Jaber A, Neelam H, Paneth N. Prevalence and characteristics of prenatal cannabis use in Michigan, USA: A statewide population-based pregnancy cohort. *Addiction*. 2026 Jan;121(1):126-137. doi:10.1111/add.70188.
93. Ling J, Kao TA, Robbins LB, Wahman CL, **Kerver JM**, Resnicow K, Zhang N, Lalonde H, Xie Y, Baumgartner J. Food-Body-Mind study protocol: A mindfulness-based lifestyle intervention to promote whole child health among preschoolers from economically marginalized families. *Contemporary Clinical Trials*. 2026 Jan 160:108146. doi:10.1016/j.cct.2025.108146.
92. Venter C, Bodén S, Pickett-Nairne K, Glueck DH, Comstock SS, **Kerver JM**. Dietary intervention during pregnancy improves maternal diet index: The PEAPOD pilot trial. *Pediatric Allergy and Immunology*. 2025 Dec;36(12):e70259. doi:10.1111/pai.70259.
91. Ling J, Ashley A, Zahry N, Kao TA, Wahman CL, Resnicow K, Robbins LB, **Kerver JM**, Zhang N. A Mindfulness-Based Lifestyle Intervention Among Economically Marginalized

Caregiver-Preschooler Dyads: Feasibility, Acceptability, and Satisfaction. *School Mental Health*. 2025;17(2):715-732. doi:10.1007/s12310-025-09767-w.

90. Elliott MR, **Kerver JM**, Drew A, Watson K, Kornatowski B, Norman GS, Copeland GE, Leissou E, Ridenour T, Kruger-Ndiaye S, Ma T, Ruden D, Barone C, Keating DP, Sokol RJ, Johnson CC, Paneth N. Obtaining a probability sample of a pregnancy cohort of births: a review of the problem and a practical solution. *Am J Epidemiol*. 2025 Sep 3;194(9):2532-2539. doi:10.1093/aje/kwaf110.
89. Melough MM, McGrath M, Palmore M, Collett BR, **Kerver JM**, Hockett CW, Schmidt RJ, Kelly RS, Lyall K, Zhao Q, Hipwell AE, Korrick SA, Gilbert-Diamond D, Weiss ST, Chu SH, Mirzakhani H, Porter JM, Sathyanarayana S; ECHO Cohort Consortium. Gestational vitamin D concentration and child cognitive development: a longitudinal cohort study in the Environmental influences on Child Health Outcomes Program. *Am J Clin Nutr*. 2025 Aug;122(2):571-581. doi:10.1016/j.ajcnut.2025.06.017.
88. Moog NK, Mansolf M, Sherlock P, Adibi JJ, Barrett ES, Entringer S, Ghassabian A, **Kerver JM**, Meeker JD, Oken E, Paneth N, Simhan HN, Watkins DJ, Wadhwa PD, O'Connor TG, Buss C; program collaborators for Environmental influences on Child Health Outcomes. Maternal thyroid dysfunction and depressive symptoms during pregnancy and child behavioral and emotional problems - an ECHO multi-cohort investigation. *J Affect Disord*. 2025 Jul 1;380:475-486. doi:10.1016/j.jad.2025.03.163.
87. Wang VA, Habre R, Ryan PH, Datta S, Luttmann-Gibson H, Blossom J, Aris IM, Chandran A, Kress AM, Gilliland F, Breton C, Farzan SF, Camargo CA Jr, Liang D, **Kerver JM**, Karr CJ, Leve LD, Dabelea D, Karagas MR, Bennett DH, Nkoy FL, Aschner J, O'Shea TM, McEvoy CT, Knapp EA, Schuh HB, Miller RL, Gold DR, Zanobetti A; ECHO Cohort Consortium. Residing in a low-income-low-food-access neighbourhood and asthma in early and middle childhood in the Environmental influences on Child Health Outcomes (ECHO) program: a multisite cohort study. *BMJ Open*. 2025 Jun 30;15(6):e094317. doi:10.1136/bmjopen-2024-094317.
86. Melough MM, McGrath M, Palmore M, Collett BR, **Kerver JM**, Hockett CW, Schmidt RJ, Kelly RS, Lyall K, Zhao Q, Hipwell AE, Korrick SA, Gilbert-Diamond D, Weiss ST, Chu SH, Mirzakhani H, Porter JM, Sathyanarayana S; ECHO Cohort Consortium. Gestational vitamin D concentration and child cognitive development: a longitudinal cohort study in the Environmental influences on Child Health Outcomes Program. *Am J Clin Nutr*. 2025 Aug;122(2):571-581. doi:10.1016/j.ajcnut.2025.06.017.
85. *Schwartz LT, Ladouceur JG, Russell MM, Xie SYL, *Bu S, **Kerver JM**, Comstock SS. The Relationship Between Fiber Intake and Gut Bacterial Diversity and Composition During the Third Trimester of Pregnancy. *Nutrients*. 2025 Feb 22;17(5):773. doi:10.3390/nu17050773.
84. *Drzal N, **Kerver JM**, Strakovsky RS, Weatherspoon L, Alaimo K. Barriers and facilitators to healthy eating among college students. *Nutrition Research*. 2025 Jan;133:161-171. doi:10.1016/j.nutres.2024.06.001.
83. Saxe-Custack A, Todem D, LaChance J, **Kerver JM**, Anthony J. Association between youth blood pressure and exposure to pediatric fruit and vegetable prescriptions. *Pediatric Research*. 2024 Dec 10. doi:10.1038/s41390-024-03671-w.
82. Ling J, Kao TA, Robbins LB, **Kerver JM**, Zhang N, Shi Y. Effects of the dyadic FirstStep2Health intervention on parents' behaviour and anthropometric outcomes: a

secondary analysis of a cluster randomised trial. *BMJ Open*. 2024 Dec 5;14(12):e081578. doi:10.1136/bmjopen-2023-081578.

81. *Cinzori ME, Nicol M, Dewald AL, Goodrich JM, Zhou Z, Gardiner JC, **Kerver JM**, Dolinoy DC, Talge N, Strakovsky RS. Maternal mitochondrial DNA copy number and methylation as possible predictors of pregnancy outcomes in a Michigan pregnancy cohort. *Environmental Epigenetics*. 2024 Oct 29;10(1):dvae021. doi:10.1093/eep/dvae021.
80. Vecchione R, Westlake M, Bragg MG, Rando J, Bennett DH, Croen LA, Dunlop AL, Ferrara A, Hedderson MM, **Kerver JM**, Lee BK, Lin PD, Hertz-Picciotto I, Schmidt RJ, Strakovsky RS, Lyall K; ECHO Cohort Consortium. Maternal Dietary Patterns During Pregnancy and Child Autism-Related Traits in the Environmental Influences on Child Health Outcomes Consortium. *Nutrients*. 2024 Nov 6;16(22):3802. doi:10.3390/nu16223802.
79. *Vanderziel A, Anthony JC, Barondess D, **Kerver JM**, Alshaarawy O. Estimating the effects of prenatal cannabis exposure on birth outcomes. *Am J Addiction*. 2025 Jan;34(1):21-29. doi:10.1111/ajad.13650.
78. *Nel NH, *Haddad EN, **Kerver JM**, Cassidy-Bushrow AE, Comstock SS. Maternal Body Mass Index Associates with Prenatal Characteristics and Fecal Microbial Communities. *Nutrients*. 2024 Jun 14;16(12):1881. doi:10.3390/nu16121881.
77. Aris IM, Lin PD, Wu AJ, Dabelea D, Lester BM, Wright RJ, Karagas MR, **Kerver JM**, Dunlop AL, Joseph CL, Camargo CA Jr, Ganiban JM, Schmidt RJ, Strakovsky RS, McEvoy CT, Hipwell AE, O'Shea TM, McCormack LA, Maldonado LE, Niu Z, Ferrara A, Zhu Y, Chehab RF, Kinsey EW, Bush NR, Nguyen RH, Carroll KN, Barrett ES, Lyall K, Sims-Taylor LM, Trasande L, Biagini JM, Breton CV, Patti MA, Coull B, Amutah-Onukagha N, Hacker MR, James-Todd T, Oken E; program collaborators for Environmental Influences on Child Health Outcomes, ECHO components—Coordinating Center; Data Analysis Center; Person-Reported Outcomes Core; ECHO Awardees and Cohorts. Birth outcomes in relation to neighborhood food access and individual food insecurity during pregnancy in the Environmental Influences on Child Health Outcomes (ECHO)-wide cohort study. *Am J Clin Nutr*. 2024 May;119(5):1216-1226. doi:10.1016/j.ajcnut.2024.02.022.
76. Ling J, Suriyawong W, Robbins LB, Zhang N, **Kerver JM**. FirstStep2Health: A cluster randomised trial to promote healthy behaviours and prevent obesity amongst low-income preschoolers. *Pediatric Obesity*. 2024 Jul;19(7):e13122. doi: 10.1111/ijpo.13122.
Top cited article in *Pediatric Obesity* among work published Jan 1-Dec 31, 2024.
75. Santarossa S, Redding A, Connell M, Kao K, Susick L, **Kerver JM**. Exploring preliminary dietary intake results using a novel dietary assessment tool with pregnant participants enrolled in a birth cohort. *BMC Res Notes*. 2024 Feb 1;17(1):42. doi:10.1186/s13104-024-06697-9.
74. *Ma T, Bu S, Nzerem AC, Paneth N, **Kerver JM**, Cavalieri CN, Comstock SS. Association of the Infant Gut Microbiome with Temperament at Nine Months of Age: A Michigan Cohort Study. *Microorganisms*. 2024 Jan 20;12(1):214. doi:10.3390/microorganisms12010214.
73. *Shipp GM, Wosu AC, Knapp EA, Sauder KA, Dabelea D, Perng W, Zhu Y, Ferrara A, Dunlop AL, Deoni S, Gern J, Porucznik C, Aris IM, Karagas MR, Sathyanarayana S, O'Connor TG, Carroll KN, Wright RJ, Hockett CW, Johnson CC, Meeker JD, Cordero J, Paneth N, Comstock SS, **Kerver JM**; program collaborators for Environmental Influences on Child Health Outcomes. Maternal Pre-Pregnancy BMI, Breastfeeding, and Child BMI. *Pediatrics*. 2024 Jan 1;153(1):e2023061466. doi:10.1542/peds.2023-061466.

72. Saxe-Custack A, LaChance J, **Kerver JM**. A fresh fruit and vegetable prescription program for prenatal patients in Flint, Michigan: Baseline food security and dietary intake. *Nutrients*. 2024;16(8), 1234.
71. Robbins LB, Ling J, Pfeiffer KA, **Kerver JM**, Resnicow K, McCaffery H, Hilliard A, Hobbs L, Donald S, Kaciroti N. Intervention to increase physical activity and healthy eating among under-represented adolescents: GOAL trial protocol. *BMJ Open*. 2024 Jan 3;14(1):e080437. doi:10.1136/bmjopen-2023-080437.
70. *Vanderziel A, Anthony JC, Barondess D, **Kerver JM**, Alshaarawy O. Nausea and vomiting of pregnancy and prenatal cannabis use in a Michigan sample. *Am J Obstet Gynecol MFM*. 2023 Dec;5(12):101171. doi:10.1016/j.ajogmf.2023.101171.
69. Dunlop AL, Burjak M, Dean LT, Alshawabkeh AN, Avalos LA, Aschner JL, Breton CV, Charifson MA, Cordero J, Dabelea D, D'Sa V, Duarte CS, Elliott AJ, Eick SM, Ferrara A, Fichorova RN, Ganiban JM, Gern JE, Hedderson MM, Herbstman JB, Hipwell AE, Huddleston KC, Karagas M, Karr C, **Kerver JM**, Koinis-Mitchell D, Lyall K, Madan J, Marsit C, McEvoy CT, Meeker JD, Oken E, O'Shea TM, Padula AM, Sathyanarayana S, Schantz S, Schmidt RJ, Snowden J, Stanford JB, Weiss S, Wright RO, Wright RJ, Zhang X, McGrath M. Association of maternal education, neighborhood deprivation, and racial segregation with gestational age at birth by maternal race/ethnicity and United States Census region in the ECHO cohorts. *Frontiers Public Health*. 2023 Nov 30;11:1165089. doi:10.3389/fpubh.2023.1165089.
68. Bragg MG, Westlake M, Alshawabkeh AN, Bekelman TA, Camargo CA Jr, Catellier DJ, Comstock SS, Dabelea D, Dunlop AL, Hedderson MM, Hockett CW, Karagas MR, Keenan K, Kelly NR, **Kerver JM**, MacKenzie D, Mahabir S, Maldonado LE, McCormack LA, Melough MM, Mueller NT, Nelson ME, O'Connor TG, Oken E, O'Shea TM, Switkowski KM, Sauder KA, Wright RJ, Wright RO, Zhang X, Zhu Y, Lyall K; program collaborators for Environmental influences on Child Health Outcomes. Opportunities for Examining Child Health Impacts of Early-Life Nutrition in the ECHO Program: Maternal and Child Dietary Intake Data from Pregnancy to Adolescence. *Curr Dev Nutr*. 2023 Oct 23;7(11):102019. doi:10.1016/j.cdnut.2023.102019.
67. *Orndorff M, *Shipp GM, **Kerver JM**, Ondersma SJ, Alshaarawy O. Trends in cocaine use among United States females of reproductive age, 2005-2019. *Am J Addict*. 2023 Nov 4. doi:10.1111/ajad.13502.
66. *Yang CL, **Kerver JM**, Hirko K, Dunietz GL, O'Brien LM, Jansen EC. Delayed Sleep Midpoint Across Pregnancy Is Associated with Excessive Gestational Weight Gain. *J Womens Health*. 2023 Aug 8. doi:10.1089/jwh.2023.0092.
65. Avalos LA, Chandran A, Churchill ML, Gao X, Ames JL, Nozadi SS, Roubinov D, Brennan PA, Bush NR, Camargo CA, Carroll KN, Cioffi CC, Ferrara A, Goldson B, Hedderson MM, Hipwell AE, **Kerver JM**, O'Connor TG, Porucznik CA, Shuffrey LC, Talavera-Barber MM, Wright RJ, Zhu Y, Croen LA; Program Collaborators for Environmental influences on Child Health Outcomes. Prenatal depression and risk of child autism-related traits among participants in the Environmental influences on Child Health Outcomes program. *Autism Res*. 2023 Sep;16(9):1825-1835. doi:10.1002/aur.2988.
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- Hasegawa K, Khurana Hershey GK, Jackson DJ, Joseph C, **Kerver JM**, Kim H, Litonjua AA, Marsit CJ, McEvoy C, Mendonça EA, Moore PE, Nkoy FL, O'Connor TG, Oken E, Ownby D, Perzanowski M, Rivera-Spoljaric K, Ryan PH, Singh AM, Stanford JB, Wright RJ, Wright RO, Zanutti A, Zoratti E, Johnson CC; of program collaborators for Environmental influences on Child Health Outcomes. Incidence rates of childhood asthma with recurrent exacerbations in the US Environmental influences on Child Health Outcomes (ECHO) program. *J Allergy Clin Immunol*. 2023 Jul;152(1):84-93. doi:10.1016/j.jaci.2023.03.016.
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NON PEER-REVIEWED PUBLICATIONS

Commentaries

1. **Kerver JM**. Keep the Focus on the Food. *J Nutr.* 2026 Jan;156(1):101235. doi:10.1016/j.tjn.2025.11.005.

Book Chapters

2. Mudd LM, **Kerver JM**. Pregnancy and Postpartum. In: Bushman B, ed. American College of Sports Medicine's Complete Guide to Fitness and Health—2nd Edition. Champaign, IL: Human Kinetics, 2017: Chapter 19, pages 369-384.
1. **Kerver JM**, Park YK, Song WO. The Role of Eggs in American Diets: Health Implications and Benefits. In: Watson RR, ed. Eggs and Health Promotion. Ames, IA: Iowa State Press, 2002:18-29.

Letters to the Editor

4. Sauder KA, Couzens GL, Bailey RL, Hockett CW, Switkowski KM, Lyall K, **Kerver JM**, Dabelea D, Maldonado LE, O'Connor TG, Deoni SC, Glueck DH, Catellier DJ; program

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3. Sauder KA, Couzens L, Bailey RL, Hockett CW, Switkowski KM, Lyall K, **Kerver JM**, Dabelea D, Maldonado LE, O'Connor TG, Deoni SC, Glueck DH, Catellier DJ; program collaborators for Environmental Influences on Child Health Outcomes. Reply to H Wang and M Chichlowski. *Am J Clin Nutr.* 2023 Jul;118(1):339-340. doi: 10.1016/j.ajcnut.2023.04.030. Epub 2023 Jun 12.
2. **Kerver JM**, Pearce EN, Elliott MR, Paneth N. Clearing up the Misinterpretation. *Am J of Obstetrics and Gynecology* 2020
1. Murtaugh M, Tangney CC, and **Kerver JM**. Is there a relationship between urinary lactose excretion and lactation performance? *J Am Diet Assoc.* 1998 Mar;98(3):264.

Published Reports and Study Modules

3. **Kerver JM**, Ling W, *Byers TA, *Afroji T, Hosner J, *Armstrong A, Brooks K. 2025. *Michigan Hunger Study 2024: Principal Insights*. [FINAL-MHS2024-Primary-Report_030226.pdf](#)
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1. Rozga MR, **Kerver JM**, Olson BH. Independent study module for lactation consultants: Self-reported reasons for breastfeeding cessation among low-income women enrolled in a peer counseling breastfeeding support program. *Journal of Human Lactation.* 2015;31(1):189–190.

PROFESSIONAL MEETING PRESENTATIONS AND ABSTRACTS

*Indicates student or post-doctoral mentee

‡Indicates community partner

61. *Armstrong AM, Talge N, Liang X, Zhu Y, **Kerver JM**. Michigan Newborn Screening Metabolite Patterns and SIDS: Preliminary Results. Society for Pediatric and Perinatal Epidemiologic Research (SPER) Annual Meeting 2026. Phoenix, AZ, USA. June 22-23, 2026.
60. Al-Sahab B, Neelam H, **Kerver J**, Alshaarawy O, Bohnert K, Paneth N. Prenatal cannabis use and birth outcomes: Evidence from a statewide population-based pregnancy cohort. Society for Pediatric and Perinatal Epidemiologic Research (SPER) Annual Meeting 2026. Phoenix, AZ, USA. June 22-23, 2026.
59. Northrup, T.F.; Kadiri, K.O.; Cordoba, D.J.; Beyene, E.A.; Fischer, S.; Insignares, M.T.; Bakre, S.; Knapp, E.; Perng, W.; Gomez, J.; Berens, P.; **Kerver, J.**; Shipp, G.; Peterson, A.; Comstock, S.; Al-Sahab, B.; McCormack, L.; Zanger, D.; Zhu, Y.; Jancsura, M.; Mumford, S.; Duthely, L.; Mutaru, A.-M.; Romano, M.E.; & Keim, S.: (2026, May). *Characteristics of Women-Infant Dyads with over 1 Year of Breastmilk Exposure in the ECHO Cohort*. Oral paper presented at the Society of Teachers of Family Medicine 2026 Annual Meeting, New Orleans, LA, May 2–6, 2026.
58. *Garcia I, *Armstrong A, **Kerver JM**. (2026, April). Evaluating the Utility of the Family

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56. Quinn K, Al-Sahab B, Alshaarawy B, **Kerver JM**, Bohnert K, Jaber A, Paneth N. (2025, May). Validation of self-reported cannabis use in a population-based pregnancy cohort in Michigan. *47th Annual Michigan Family Medicine Research Day*. East Lansing, MI.
55. Al-Sahab B, Alshaarawy O, **Kerver JM**, Bohnert KM, Quinn K, Jaber A, Paneth N. (2025, June). Agreement between self-reported cannabis use and urine toxicology measures in a population-based pregnancy cohort in Michigan. *38th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research*. Boston, MA
54. *Acuna V, *Lombard T, **Kerver JM**. (2025, May). The Role of Insurance Type in Perinatal Healthcare Adequacy. [Oral Presentation]. **Awarded 2nd Place Oral Presentation, Medical Student Category**, *Family Medicine Research Day*, Lansing, MI.
53. *Lombard T, *Acuna V, **Kerver JM**. (2025, May). The Role of Insurance Type in Perinatal Healthcare Adequacy. [Oral Presentation]. *Corewell Health Research Day*, Grand Rapids, Michigan.
52. *Acuna V, *Lombard T, **Kerver JM**. (2025, April). The Role of Insurance Type in Perinatal Healthcare Adequacy for Rural Pregnant Patients. [Poster Presentation]. *Michigan Rural Health Conference*, Mount Pleasant, Michigan.
51. Ling J, Ashley A, Zahry N, Kao T-SA, Wahman C, Resnicow K, Robbins LB, **Kerver JM**, Zhang N. (2025, April). A mindfulness-based lifestyle intervention among economically marginalized caregiver-preschooler dyads: Feasibility, acceptability, and satisfaction [Poster Presentation]. *Pediatric Academic Societies*, Honolulu, Hawaii.
50. **Kerver JM**. (2025, April, Oral Presentation). Estimated prevalence of inadequate and excessive pregnancy iodine intake in the Environmental influences on Child Health Outcomes (ECHO) cohort. *Society for Pediatric and Perinatal Epidemiologic Research 2025 Virtual Meeting*.
49. Ling J, Robbins LB, **Kerver JM**, Zhang N. (2023, April). Relationships between Hair Cortisol and Coping Styles Varied by Perceived Stress Level among Low-Income Families (Paper Presentation). *MNRS 47th Annual Research Conference*, Des Moines, IA.
48. Ling J, Robbins LB, **Kerver JM**. (2023, March). FirstStep2Health: A healthy lifestyle intervention. *Michigan State University College of Nursing Research Day*, East Lansing, MI.
47. *Shipp G, Stojanovski K, Thompson T, Norman G, McKane P, Allievi C, **Kerver JM**. (2022, November). Antenatal and postnatal assistance program utilization among Medicaid-enrolled women in Michigan. 2022 American Public Health Association (APHA) Conference, Boston, MA.

46. Robbins LB, Ling J, **Kerver JM**. (2022, October). Happy Family, Healthy Kids: Promoting healthy eating among low-income families. *American Academy of Nursing 2022 Health Policy Conference*, Washington, DC.
45. Ling J, Robbins LB, **Kerver JM**. (2022, October). FirstStep2Health: A healthy lifestyle intervention. *American Academy of Nursing 2022 Health Policy Conference*, Washington, DC.
44. *Sihan B, Tengfei M, **Kerver JM**, Sarah SC (2022, October). The mediating role of early life gut microbiota and infant feeding in neurodevelopmental outcomes. *2022 Alliances for Graduate Education and the Professoriate (AGEP) Student Success Conference*, East Lansing, MI.
43. *Nicholas D, Yang CL, Talge NM, **Kerver JM**. (2022, June) Infant Temperament: Exploring the Potential Role of Maternal Dietary Choline and Folate Consumption During Pregnancy in a Michigan Pregnancy Cohort. Nutrition 2022 (American Society for Nutrition), Virtual Conference
42. Connell M, Kao K, Rapp A, **Kerver JM**, Susick L, Santarossa S. (2022, May). Using a Novel Dietary Assessment Tool (DietID™) During Pregnancy: A Descriptive Study. HFH Research Day, Detroit MI
41. Lamere L, Talge N, **Kerver JM**, Campbell R. (2022, March). Associations of Maternal Pre-Pregnancy Overweight/Obesity and Gestational Weight Gain with Child Cognitive Development. Consortium of Universities for Global Health (CUGH) 2022, Virtual Conference
40. *Haddad EN, **Kerver JM**, Comstock SS. (2021, July). Bacteroides is Associated with Archetypal Constituents of the Western Diet and Decreased Urinary Glycocholate in Pregnant Women. Mid-Michigan Symposium for Undergraduate Research Experiences (Mid-Sure). <https://youtu.be/pQAC1v0CN6o>
39. *Haddad EN, Sugino KY, Ferro LE, **Kerver JM**, Comstock SS. (2021, June) Fecal Bacterial Communities Differ by Lactation Status in Postpartum women and Their Infants. World Microbe Forum 2021, Virtual Format. wmf2021-asm.ipostersessions.com/Default.aspx?s=07-A5-1C-47-21-79-9B-2A-1D-B6-DE-E3-74-FD-E4-D6
38. *Shipp GM, Weatherspoon LG, Comstock SS, Norman GS, Alexander GL, **Kerver JM**. (2019, November) Breastfeeding Self-Efficacy of African American Women at 6 Weeks Postpartum as a Predictor of Breastfeeding Intensity at 6 and 20 Weeks Postpartum. American Public Health Association 2019 Annual Meeting, November, Philadelphia, PA **Chosen for the “Greg Alexander Outstanding Student Abstracts” Oral Presentation**
37. Brophy-Herb H, **Kerver JM (Presenting Author)**, Lumeng JC. (2019, October) Effectiveness Of Supports For Family Mealtimes On Obesity Prevention Among Head Start Preschoolers: Descriptives from a Confirming Phase Initial Cohort. 3rd Cook and Health Conference, Lisbon Portugal.
36. Elliott M, *Ma T, Thompson T, Krueger A, Norman G, Barone C, Copeland G, Welch R, Leissou E, Ridenour T, **Kerver JM**, Paneth N. (2019, June). Obtaining a prenatal care clinic-based probability sample of Michigan births: the CHARM study. Society for Pediatric and Perinatal Epidemiologic Research 2019 Annual Meeting, Minneapolis, MN

35. **Kerver JM**, *Haggerty D, Talge N, *Slawinski B, Ingersoll B, Keating D, Racicot K, Paneth N. (2019, June). Biomarkers of pregnancy iron status and child behavioral outcomes at age 4-6 y. Society for Pediatric and Perinatal Epidemiologic Research 2019 Annual Meeting, Minneapolis, MN
34. **Kerver JM**, *Shipp GM, Norman GS, Brogan-Hartlieb K, Gardiner JC, Barone CJ, Ondersma SJ, Paneth N, Sokol RJ, Alexander GL. (2019, June). Feasibility of a Dual Intervention to Support Breastfeeding and Weight Management in Urban African American Women. Society for Pediatric and Perinatal Epidemiologic Research 2019 Annual Meeting, Minneapolis, MN
33. Comstock SS, Sugino KY, Vevang KR, Peterson LA, Koratkar R, Gross MD, **Kerver JM**. (2019, June). Dietary and Plasma Carotenoids are Positively Associated with Alpha Diversity in the Fecal Microbiota of Pregnant Women: the PEAPOD Pilot Study. American Society for Nutrition 2019 Annual Nutrition Meeting, Baltimore, MD
32. *Shipp GM, Weatherspoon LJ, Comstock SS, Norman GS, Alexander GL, **Kerver JM**. (2019, October). Breastfeeding Self-Efficacy of African American Women in Late Pregnancy as a Predictor of Breastfeeding Intensity at 6 Weeks Postpartum. 2019 Food and Nutrition Conference and Expo October, Philadelphia, PA
31. **Kerver JM**, Gryc JM, Shanahan M, *Louis KR, Gardiner JC, Comstock SS. (2019, June). Feasibility of a Diet Intervention Trial during Pregnancy in a Rural Population: The PEAPOD Pilot Study. American Society for Nutrition 2019 Annual Nutrition Meeting, Baltimore, MD
30. *Louis-Gray K, *Forton S, and **Kerver JM**. (2019, April). Maternal smoking, polysubstance use, and delivery outcomes in a rural pregnancy cohort. 2019 Annual Michigan Rural Health Conference, Mt. Pleasant, MI
29. *Taglione V, *Lwin P, *Chapman P, Terhune J, **Kerver JM**, Wendling A. (2017, November). Identifying Access to Maternity and Prenatal Care in Rural Michigan. North American Primary Care Research Group 2017 Annual Meeting, Montreal, Quebec
28. **Kerver JM**, Pearce E, *Ma T, *Zdanukiewicz M, Paneth N. (2017, June). Urinary Iodine Nutrition in Pregnancy in a US Population. Society for Pediatric and Perinatal Epidemiologic Research 2017 Annual Meeting, Seattle, WA
27. *Seaton T, Mehta S, Luo Z, Paneth N, **Kerver JM**. (2017, June). Pregnancy-related weight and offspring BMI at 3-6 years in the ARCH cohort, Lansing MI. Society for Pediatric and Perinatal Epidemiologic Research 2017 Annual Meeting, Seattle, WA
26. *Stannard AB, Mudd LM, Pivarnik JM, **Kerver JM**, Weatherspoon L. (2017, May). Factors Associated with Household and Job Physical Activity in Low-Income Pregnant Women: Ecological Perspective. American College of Sports Medicine ACSM Annual Meeting 2017, Denver, CO.
25. **Kerver JM**, Mehta SH, Sokol RJ, Biery HL, Talge N, Ingersoll B, Berger N, Keating DP, Elliott M, Pearce E, Paneth N. (2015, May). Building infrastructure to study perinatal risk factors for child development: Archive for Research on Child Health (ARCH), a Michigan pregnancy cohort. Presented at the DOCTRID IV Conference on Intellectual Disability and Autism, Queens University, Belfast, Northern Ireland. M1022.
24. *Shukr G, *Haggerty DK, **Kerver JM**, Mudd L. (2014, June). Acculturation and Lifestyle: a pilot study of low income, pregnant Arab American women in Metro Detroit. Society for Pediatric and Perinatal Epidemiologic Research 2014 Annual Meeting, Seattle, WA

23. *Rozga MR, **Kerver JM**, Olson BH. (2014, April). Determinants of Exclusive Breastfeeding Cessation in a Peer Counseling Breastfeeding Support Program for Low-income Women. Experimental Biology '14, San Diego, CA
22. *Haggerty DK, **Kerver JM**, Mehta SH. (2014, March). Feasibility of recruiting pregnant African-American women for web-based interventions. 2014 Michigan Epidemiology Conference, East Lansing, MI.
21. Kazmirzack LM, **Kerver JM**. (2013, October). Associations among domains of maternal physical activity and lipid levels during pregnancy. Journal of Women's Health 22(10)892 (2013).
20. **Kerver JM**, Mudd LM. (2012, June). Racial/Ethnic differences in serum antioxidant vitamins during pregnancy: Results from 1999-2006 NHANES data. Society for Pediatric and Perinatal Epidemiologic Research 2012 Annual Meeting, Minneapolis, MN
19. **Kerver JM**, Holzman CB, Tan Y, Shroff MR, Evans RW. (2012, April). Maternal Serum Antioxidant Vitamins and Pregnancy Outcomes. Experimental Biology '12, San Diego, CA. The FASEB Journal 26 (April, 2012)
18. Mudd LM, Battista RA, **Kerver JM**. (2012, April). Physical Activity and Lipid Levels during Pregnancy: Results for 1999-2006 NHANES data. American College of Sports Medicine, 2012, San Francisco, CA. Medicine and Science in Sports and Exercise; 44S2:340 (May 2012)
17. Michigan Alliance for the National Children's Study (2011, August). SurveyTrak: An Integrated Suite of Sample Management Modules. Poster (46-D) Presented at the National Children's Study Research Day 2011, Bethesda, MD.
16. Michigan Alliance for the National Children's Study Community Engagement Core and Executive Committee (2011, August). Wayne County Launch in Michigan: Media Impact From the Event. Poster (46-C) Presented at the National Children's Study Research Day 2011, Bethesda, MD).
15. Paneth N, Ziegler K, **Kerver JM**, Brovont A and the Michigan Alliance for the National Children's Study Executive Committee (2011, August). Organizing Five Institutions to Perform One Complex Study: the MANCS Experience. Poster (46-B) Presented at the National Children's Study Research Day 2011, Bethesda, MD.
14. Paneth N, Ziegler K, Elliott M, Sokol R, Norman G, Kruger-Ndiaye S, Alcser K, **Kerver JM** and the Michigan Alliance for the National Children's Study Executive Committee (2011, August). Success of Provider-Based Recruitment for the NCS in Wayne County, MI. Poster (46-A) Presented at the National Children's Study Research Day 2011, Bethesda, MD.
13. **Kerver JM**, Holzman CB, Xue F, Rahbar MH. (2007, June). Associations between fish consumption and preterm delivery in the POUCH cohort. Society for Pediatric and Perinatal Epidemiologic Research 2007 Annual Meeting, Boston, MA
12. Chun OK, Chung S, **Kerver JM**, Obayashi S, Song WO. (2005, April). Estimated dietary intakes of flavonoids in the US population. Experimental Biology '05, San Diego, CA
11. **Kerver JM**, Chun OK, Song WO. (2004, April). Serum homocysteine concentration in relation to egg consumption and B-vitamin status in U.S. adults. Experimental Biology '04, Washington DC

10. **Kerver JM**, Yang EJ, Meier ER, Bianchi L, Song WO. (2003, April). Dietary patterns associated with risk factors for cardiovascular disease in healthy U.S. adults. Experimental Biology '03, San Diego, CA
9. **Kerver JM**, Yang EJ, Obayashi S, Song WO. (2002, April). Eating frequency in association with dietary intake and serum lipids in the US: NHANES III. Experimental Biology '02, New Orleans, LA
8. Yang EJ, Kayitsinga J, **Kerver JM**, Park YK, Obayashi S, Allison D, Song WO. (2002, April). Biomarkers of glycemic function related to carbohydrate intake in U.S. adults. Experimental Biology '02, New Orleans, LA
7. Weatherspoon LJ, **Kerver JM**, Carolan MT, Jager KA, Song WO. (2001, June) Glycated hemoglobin concentration associated with risk factors for type 2 diabetes in U.S. children and adolescents. Diabetes 2001;50(S2):A482.
6. Jager KA, Carolan MT, **Kerver JM**, Weatherspoon LJ, Song WO. (2000, November). Ecological factors associated with U.S. youth at risk for type 2 diabetes. The National Council on Family Relation's 62nd Annual Conference, Minneapolis, MN
5. **Kerver JM**, Bianchi LJ, McNamara DJ, Song WO. (2000, October). Frequent egg consumption is not related to elevated serum cholesterol in the U.S. population. The American Dietetic Association's Food and Nutrition Conference and Exhibition, Denver, CO
4. **Kerver JM**, Bianchi LJ, McNamara DJ, Song WO. (2000, April). The nutritional contributions of eggs to the American diet in the 90's. Experimental Biology '00, San Diego, CA
3. Song WO, Park YK, **Kerver JM**, Bianchi L, Schweitzer C. (1999, April). Serum carotenoid concentration as a biomarker for beta-carotene supplement use in U.S. adults. Experimental Biology '99, Washington DC. The FASEB Journal 13:676.8, 1999
2. McNabb WL, Quinn MT, **Kerver JM**, Cook S, Karrison T. (1996, June). A church-based weight loss program for African-American women at risk for NIDDM. American Diabetes Association 56th Annual Scientific Sessions, San Francisco, CA
1. **Kerver JM**, Murtaugh MA, Tangney CC, Storm H. (1994, April). Urinary lactose in postpartum women expressing breastmilk. Experimental Biology '94, Anaheim, CA

INVITED PRESENTATIONS SINCE 2016

36. Prenatal Environmental/Nutritional Exposures and Child Health Outcomes. Michigan Academy of Nutrition and Dietetics (MiAND) Annual Conference (April 9, 2026)
Rachel Schemmel Endowed Lecture (Keynote)
Ann Arbor, MI
35. Healthy Babies: Presentation & Discussion for Providers
MDHHS Regional Infant Health Data (March 13, 2026)
Virtual
34. The NIH ECHO Program: Highlights at Year 10

MSU GMEA MedEd eForum Webinar (Feb 17 2026)

33. Incorporating Early Life Micronutrient Status in ECHO studies of Neurodevelopment
This was an invited presentation to a live audience attendance of n>115 and continued viewing on the NIH ECHO Program website.
<https://echochildren.org/event/jean-kerver-phd-msc-rd-incorporating-early-life-micronutrient-status-in-echo-studies-of-neurodevelopment/> (Jan 14 2026)
ECHO DISCOVERY Webinar
32. Northern Michigan Perinatal Quality Collaborative Network Meeting
Statewide Maternal Infant Health Data Review and Discussion (Oct 20, 2025)
Virtual Meeting (>50 members present)
31. Kerver J, Hazzard VM, Martin P. Planning Research to Enhance Clinical Integration of Food As Medicine (FAM): High-Risk Pregnancy Interventions to Increase the FAM Evidence Base. Workshop at the Michigan Food As Medicine Summit (Oct 2025)
East Lansing, MI
30. Estimated prevalence of inadequate and excessive pregnancy iodine intake in the Environmental influences on Child Health Outcomes (ECHO) cohort
Society for Pediatric and Perinatal Epidemiologic Research (April 2025)
Virtual Meeting
29. Maternal Care Deserts in Rural Michigan
Michigan Local Maternal Child Health Coordinator Meeting, Maternity Health Panel (Mar 2025) Webinar
28. The NIH ECHO Program—Opportunities for Collaboration in Michigan
CS Mott Center for Human Growth and Development Seminar Series, School of Medicine, Wayne State University (Dec 2023)
Detroit, MI
27. Maternity Care Deserts in Rural Michigan
U.P. Health Conference, Michigan Technological University (Oct 2023)
Houghton, MI
26. Changes in BMI Among School-Aged Children Following Implementation of the Healthy, Hunger-Free Kids Act (HHFKA)
ECHO FALL Meeting, NIH (Oct 2023)
Alexandria, VA
25. PEAPOD: Pregnancy Eating and Postpartum Development
Culinary Medicine Conference (Sept 2023)
Traverse City, MI
24. Child Health Advances from Research with Mothers (CHARM)
Dean's Town Hall, College of Human Medicine, MSU (Sept 2023)
East Lansing, MI
23. Maternity Care Deserts in Rural Michigan
Michigan Family Planning Conference (Sept 2022)
Kalamazoo, MI
22. Nutrition Assessment in Pregnancy and Pediatric Cohorts

Department Seminar, Food Science and Human Nutrition, MSU (Nov 2021)
East Lansing, MI

21. Iodine Issues in Pregnancy: Report from a Local Cohort
Friday Medical Conference, Munson Healthcare (April, 2021)
Traverse City, MI
20. Dietary Guidelines for Infants and Toddlers
Genesee County Health Department, (April 2021)
Flint MI
19. Iodine Issues in Pregnancy
OB/Gyn Grand Rounds, Ascension St. John's Hospital (March, 2021)
Detroit, MI
18. What is Healthy Food?
Food Security Summit Series (Feb 2021)
Traverse City, MI
17. Local Research Update
American Association of University Women, Traverse City Chapter (Jan 2021)
Hirko and Kerver, co-presenters
Traverse City, MI
16. Twenty Year History of the Healthy Futures Program
Michigan Rural Health Conference (March 2020, Cancelled due to COVID-19 pandemic)
Grand Rapids, MI
15. Effectiveness Of Supports For Family Mealtimes On Obesity Prevention Among Head Start Preschoolers: Descriptives from a Confirming Phase Initial Cohort.
3rd Cook and Health Conference (Oct 2019)
Lisbon, Portugal
14. Innovating to Increase Access: Bringing Healthy, Local Food to Families in Need
Farms, Food & Health Conference (Sept 2019)
Traverse City, MI
13. Local Research Update
American Association of University Women, Traverse City Chapter (Sept 2019)
Hirko and Kerver, co-presenters
Traverse City, MI
12. MSU—Munson Community Based Research Initiatives
Munson Healthcare Friday Medical Conference (March 2019)
Hirko and Kerver, co-presenters
Traverse City, MI
11. World Population Health in Terms of Physical Health of People with Mental Illness
European Clubhouse Conference (Nov 2018)
Denmark, presented via zoom connection
10. Integrating Wellness Standards into Clubhouse Culture to Improve Physical Health of Persons with Mental Illness
USA Clubhouse Conference (Oct 2018)
Bethesda, MD

9. Population Health: The Big Picture of Physical Health with Mental Illness
Michigan Clubhouse Conference (July 2018)
Traverse City, MI
8. ECHO in MI (Environmental Influences on Child Health, a program supported by NIH)
Pre-IMAC educational session, Infant Mortality Advisory Committee (Nov 9 2017)
East Lansing, MI
7. Diet and the Gut Microbiome: Does Pregnancy Nutrition Matter?
CHOICES: The conference that celebrates food, health, & collaboration (Mar 15 2018)
Dearborn, MI
6. Diet and the Gut Microbiome: Local Research
Culinary Medicine Conference, Great Lakes Culinary Institute (Sept 24 2017)
Northwestern Michigan College, Traverse City, MI
5. Nutrition and Brain Development
Pediatric Grand Rounds (Aug 22 2017)
Helen DeVos Children's Hospital, Grand Rapids, MI
4. Guest Lecture, Assessing Effects of Early Nutrition
University of Michigan, NUTR 688 (Nov 16 2016)
Ann Arbor, MI
3. Nutrition: The Foundation for Lifelong Health
Great Start Collaborative/MSU Community Partnership Lecture Series (Sept 27 2016)
Hirko and Kerver, co-presenters
Cowell Family Cancer Center, Traverse City, MI
2. Lifelong Consequences of Early Nutrition
MSU Rx (Sept 23 2016)
Wharton Center, East Lansing, MI
1. Food as Prevention: The Fascinating Case of Folic Acid and the Call to Avoid Complacency
CHOICES: The conference that celebrates food, health, & collaboration (Mar 11 2016)
Dearborn, MI

TEACHING AND ADVISING

- 2022- **Dept. of Epidemiology and Biostatistics, Michigan State University**
Course: Foundations of Population Health (EPI 812); required course for
 Epidemiology MS, PhD, and Certificate programs (co-taught with Dr. Kelly Hirko)
- 2015- **College of Human Medicine, Michigan State University**
Course: Medical Student Shared Discovery Curriculum (HM 651, HM 652, and
 HM 653), Advanced Skills and Knowledge (ASK), Rationality Section (began
 teaching in 2015, co-taught with Dr. Kelly Hirko, since 2019)
Course: Epidemiology/EBM Intersession 2021: Preceptor for Small Group
 Session
Course: Medical Student Research Electives (HM 691): Kathleen Louis (spring
 Intersession 2017), Kortney Bower (winter Intersession 2018), Vivienne Acuna

(spring Intersession 2026)

Course: Medical Student Legacy Course, Critical Appraisal/Analytic Medicine (CAAM), 12 3rd medical students/year (co-taught with Dr. David Klee, 2015-18)

Mentor: NIH R25 Research to Reduce Disparities in Disease (R2D2) Program (Woody Neighbors, PI, transitioned to Mieka Smart, PI in 2020). Selected as a mentor for two medical students: Ada Pariser, class of 2021, Victoria Bright, class of 2022

Mentor: NIH R25 Addiction Treatment Training (Cara Poland, PI). Selected as a mentor for one medical student: Haleigh Czarnecki, class of 2026

2000-

Guest Lecturer

Dept. of Epidemiology and Biostatistics, Michigan State University

Course: Disease in Society (EPI 390), ~300 students, spring, 2014, 2015

Lecture Topic: Vitamins and Minerals

Course: Perinatal Epidemiology (EPI 816), ~10 students, spring, 2015

Lecture Topic: Pregnancy Nutrition and Child Brain Development

Course: Epidemiology of Cardiovascular Disease (EPI 815), ~12 students, spring 2018, ~12 students, spring 2020

Lecture Topic: Perspectives on Nutritional Epidemiology: A View from Pregnancy

Course: Epidemiology Graduate Student Independent Studies (EPI 890), Daniel Dutkiewicz (Summer 2018), Emily Werner (spring 2019)

Dept. of Food Science and Human Nutrition, Michigan State University

Course: Community Nutrition (HNF 375), 110 students, spring, 2000

Lecture Topic: National Nutrition Surveys

Course: Medical Nutr Therapy (HNF 471), ~70 students, every fall, 2009-2013

Lecture Topic: Top Ten Tips for Nutrition Counseling

Course: Human Nutr & Chronic Dis (HNF 840), ~20 students, fall, 2009, 2011

Lecture Topic: Fetal Nutrition and Chronic Disease

Department of Nutrition, Case Western Reserve Univ., Cleveland, OH

Course: Investigative Methods in Nutrition (NTRN 561), 16-20 students, every fall, 2003--2005

Lecture Topic: Epidemiological Nutrition Research: Using National Surveys

2004-2009

Instructor

Dept. of Food Science and Human Nutrition, Michigan State University

Course: Introduction to Human Nutrition (HNF 150), 440 students, fall 2004; 983 students in two sections, fall 2005

Course: Medical Nutrition Therapy (MNT) (HNF 466), 88 students, spring, 2005

Course: MNT Outcomes Documentation (HNF 467), 56 students, spring, 2005

Course: MNT Outcomes Documentation—Nutrition Counseling Focus (HNF 467), Developed and taught as a hybrid course (mostly online with 4 in-person sessions), 139 students, spring 2009

1999-2003

Teaching Assistant

Dept. of Food Science and Human Nutrition, Michigan State University

Course: Medical Nutrition Therapy (MNT) (HNF 466), 86 students, spring, 2003

Course: MNT Outcomes Documentation (HNF 467), 70 students, spring, 2003

Course: Basic Nutritional Counseling (HNF 379) spring, 1999

1995-1998

Dietetic Internship Preceptor

University of Chicago Medical Center, Chicago, IL
 Dietetic Interns from Rush-Presbyterian-St. Luke's Medical Center and the
 University of Illinois at Chicago, Chicago, IL
Topics: Outpatient Counseling; Diabetes Management; Community Research

Postdoctoral Mentorship

Department of Epidemiology and Biostatistics, Michigan State University

- Azam Najaf Kouchak, Research Associate, 2024-
- Gayle Shipp, NIH Funded Diversity Supplement Research Fellow, 2020-2022
- Cybil Cavalieri, Research Associate, 2022
- Chi-Lun Yang, Research Associate, 2021-2022

PhD Dissertation Committee Service

Department of Epidemiology and Biostatistics, Michigan State University

- Rohitha Rajasekar (Advisor **Jean Kerver**) Started Fall 2024
- Tamanna Afroj (Advisor **Jean Kerver**) Started Fall 2023
- Avery Armstrong (Advisor **Jean Kerver**) Started Fall 2023
- Tengfei Ma (Advisor Nigel Paneth) Completed 2021
- Daniel Dutkiewicz (Advisor Lixin Zhang) Completed 2020
- Diana Haggerty (Advisor Nigel Paneth) Completed 2019
- Mallory Doan Davis (Advisor Nigel Paneth) Completed 2017

Department of Food Science and Human Nutrition, Michigan State University

- Kiersten Korber (Advisor Sarah Comstock) Started Fall 2023
- Sihan Bu (Advisor Sarah Comstock) Completed 2023
- Nicholas Drzal (Advisor Katherine Alaimo) Completed 2023
- Gayle Shipp (Co-Advisors **Jean Kerver** and Lorraine Weatherspoon) Completed 2020
- Dawn Earnesty (Advisor Lorraine Weatherspoon) Completed 2019
- Amy Saxe-Custack (Advisor Lorraine Weatherspoon) Completed 2016
- Mary Rozga (Advisor Beth Olson), PhD, Completed 2014

Department of Kinesiology, Michigan State University

- Luis A. Torres Villela (Advisor Karin Pfeiffer) Started Sept 2023
- Wesley Blumenburg (Advisor Katharine Curry) Started Sept 2021
- Emily Werner (Advisor James Pivarnik) Completed May 2021
- Alicja Stannard (Advisor Lanay Mudd) Completed May 2016

Interdisciplinary Health Sciences Program, Western Michigan University

- Diana Hassan (Advisor Amy Curtis) Completed Dec 2015

MSc Thesis Committees

Department of Epidemiology and Biostatistics, Michigan State University

- Michael Yeboah (Advisor **Jean Kerver**), Completed Summer 2025
- Vanessa Wandrie (Advisor **Jean Kerver**), Completed Spring 2024
- Chelsea Robinson (Advisor **Jean Kerver**), Completed Spring 2022
- Taylor Seaton (Advisor **Jean Kerver**), Completed May 2017
- Daniel Dutkiewicz (Advisor Lixin Zhang) Completed May 2016
- Lynette Biery (Advisor Nigel Paneth) Completed Dec 2013

COMMUNITY PROFESSIONAL SERVICE

- 2023- **Board Member**, Groundwork Center for Resilient Communities, <https://groundworkcenter.org/board/>, Traverse City, MI
- 2018- **IRB Member**, Munson Healthcare, <https://www.munsonhealthcare.org/services/research-clinical-trials>, Traverse City, MI
- 2016-2018 **Evaluation Director**, Expanding the Healthy Futures Program, funded by the Michigan Health Endowment Fund and granted to Munson Medical Center, Traverse City, MI
- 2016-2018 **Evaluation Director**, Prescription for Health funded by Michigan DHHS, Michigan Health & Wellness 4X4 Plan and granted to Munson Medical Center (grant renewed three years in a row), Traverse City, MI

UNIVERSITY LEVEL SERVICE

- 2025 **Proposal Reviewer**, Health Equity Research Funding Opportunity, Michigan State University (April 2025)
- 2025- **Academic Governance Member**, University Committee on Faculty Tenure (UCFT), Michigan State University
- 2024- **Selection Committee Member**, Community Engagement Scholarship Award (CESA), Michigan State University

COLLEGE LEVEL SERVICE

- 2023 **Faculty Search Committee Chair**, Department of Family Medicine (successful tenure-stream faculty search resulting in the hiring of Dr. Ban Al-Sahab

DEPARTMENT LEVEL SERVICE

- 2024- **Faculty Advisory Committee**, Department of Epidemiology & Biostatistics
- 2023- **Awards Committee Chair**, After serving as a member for this committee for 3 years, I was elected as Chair of this committee, Department of Epidemiology and Biostatistics, Michigan State University
- 2022-2024 **Recruitment Committee Member**, Department of Epidemiology and Biostatistics

ACADEMIC PROFESSIONAL SERVICE

- 2026 **NIH Grant Reviewer**, Health Promotion in Communities Study Section (April 2026)

- 2026 **NIH Grant Reviewer**, Director's Challenge Innovation Award Program (March 2026)
- 2025 **NIH Grant Reviewer**, Health Promotion in Communities Study Section (Feb 2025)
- 2025 **American Heart Association Grant Reviewer**, Food is Medicine Planning Grant (April 2025)
- 2025 **Society for Pediatric and Perinatal Epidemiologic Research Planning Committee Member**, program planning for virtual meeting held April 8th, 2025
- 2024- **Co-Chair of the NIH Environmental influences on Child Health (ECHO) Publications Committee** After serving as a reviewer for this publications committee for 2 years and then as an Associate Chair for 3 years, I was elected as co-Chair of this committee.
- 2019-2020 **Protocol Effort Task Force (PET FORCE) member** for the NIH Environmental influences on Child Health Outcomes (ECHO) program. Working as one member of a 12-member group tasked with suggesting ways to decrease participant and staff burden for the ECHO-wide protocol
- 2015-2018 **Infant Mortality Executive Committee, At-Large Member**
Served a three-year term as the At-Large member of an eight-member group whose charge was to manage the Infant Mortality Reduction Work Plan for the state of Michigan Department of Health & Human Services, Division of Family, Maternal, and Child Health, Population Health and Community Services
- 2012-2014 **Director of Nutrition Scholarship, Michigan State University Extension**
Provided leadership for a statewide workforce (> 100 staff) of cooperative extension educators to ensure translation of scholarly nutrition information into applied nutrition programs
- 2011-2019 **Expert reviewer** for competitive awards at the state level from national funding for the Supplemental Nutrition Assistance Program Education (SNAP-Ed), Michigan Nutrition Network at the Michigan Fitness Foundation.

Ad-Hoc Reviewer

Journals: American Journal of Epidemiology, American Journal of Obstetrics and Gynecology, American Journal of Preventive Medicine, Antioxidants, Appetite, Birth, BMC Pregnancy and Childbirth, BMC Public Health, British Journal of Nutrition, Children and Youth Services Review, Current Trends in Advance Nursing, Environmental Research, International Journal of Behavioral Nutrition and Physical Activity, International Journal of Developmental Neuroscience, JMIR Research Protocols, Journal of the Academy of Nutrition and Dietetics (formerly Journal of the American Dietetic Association), Journal of Allergy and Clinical Immunology, Journal of the American Medical Association, Journal of Human Lactation, Journal of Human Nutrition and Dietetics, Journal of Nutrition, Journal of Nutrition Health and Aging, Journal of Pediatric Endocrinology and Metabolism, Journal of Primary Care & Community Health, MedEdPublish, Midwifery, Nutrients, Nutrition Research, Paediatric and Perinatal Epidemiology, Pediatrics, Pediatric Obesity, Pediatric Research, PLOS ONE, PRIMER, Public Health Nutrition