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EDUCATION AND TRAINING

- 1985-1990 **BS** **Dietetics**, Michigan State University, East Lansing, MI
- 1991-1993 **RD** **Dietetic Internship**, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL
- 1991-1993 **MS** **Clinical Nutrition**, Rush University, Chicago, IL
Thesis: *Urinary Lactose in Postpartum Women Expressing Breast Milk*
- 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*
- 2006-2007 **Post-Doc** **Perinatal Epidemiology** (NIH NICHD T32 HD046377) Department of Epidemiology, Michigan State University, East Lansing, MI
- 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*
- 2010 **Post-Doc** **Randomized Clinical Trials Involving Behavioral Interventions**
NIH Office of Behavioral and Social Sciences Research, Summer Institute, Warrenton, VA

FACULTY APPOINTMENTS

- 2012-2014 **Assistant Professor and Extension Specialist (Fixed-Term)**, College of Human Medicine, Department of Epidemiology and Biostatistics, 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
- 2016- **Adjunct Assistant Professor (Fixed-Term)**, College of Human Medicine, Department of Pediatrics and Human Development, Michigan State University, East Lansing, MI
- 2020- **Associate Professor (Fixed-Term)**, College of Human Medicine, Department of Epidemiology and Biostatistics, Michigan State University, East Lansing, MI

OTHER PROFESSIONAL EXPERIENCE

- 1991 **Research Assistant**, Nutrition Research Dept., Kellogg Co., Battle Creek, MI
- 1993-1998 **Nutrition Specialist (Clinical and Research Dietitian)**, Diabetes Research and

- Training Center, Department of Medicine, University of Chicago, Chicago, IL
- 1998-2003 **Graduate Student and Research Assistant**, Department of Food Science and Human Nutrition, Michigan State University, East Lansing, MI
- 2004-2009 **Instructor (Part-time)**, Department of Food Science and Human Nutrition, Michigan State University, East Lansing, MI
- 2007-2012 **Study Coordinator, Michigan Alliance for the National Children's Study**, Department of Epidemiology, Michigan State University, East Lansing, MI

PROFESSIONAL MEMBERSHIPS

- 1989- Academy of Nutrition and Dietetics (formerly American Dietetic Association)
 Research Practice Group (2001-)
 Diabetes Care and Education Practice Group (1993-1998)
 Sports and Cardiovascular Nutrition Practice Group (1995-1998)
 Vegetarian Nutrition Practice Group (1993-1998)
- 1993-1998 American Diabetes Association
- 1993-1998 American Association of Diabetes Educators
- 1996-2001 Certified Diabetes Educator (CDE)
- 1999- American Society for Nutrition
 Nutrition Education Research Interest Section, Graduate Student Rep., (2002)
 Nutritional Epidemiology Research Interest Section (2018-)
 Maternal, Perinatal and Pediatric Nutrition, Research Interest Section (2019-)
- 2007- Society for Pediatric and Perinatal Epidemiologic Research
- 2012- Society for Epidemiologic Research

HONORS

- 1986-1990 Invited member of the Honors College, Michigan State University (MSU)
- 1989-1990 Invited member of Omicron Nu Honor Society, MSU
- 1998 Graduate School Fellowship, MSU
- 2000 Beth and Holly Fryer Scholarship, College of Human Ecology, MSU
- 2001 ECOLAB scholarship, American Dietetic Association Foundation
- 2000, 2002 Dissertation Fellowship, College of Human Ecology, MSU
- 2005 Published Paper Award, Research Practice Group, American Dietetic Association, Co-author award for *Am J Clin Nutr.* 2003 Jun;77(6):1426-33.
- 2010 Selected Fellow, Summer Institute on Randomized Clinical Trials Involving Behavioral Interventions, sponsored by the NIH Office of Behavioral and Social Sciences Research
- 2016 Journal of Human Lactation Editorial Review Board Choice, Research Article of the Year for *JHL.* 2015;31(1):129-137.

RESEARCH SUPPORT

ACTIVE

1. NIH-NICHD, UG3 Now Phased to UH3 OD023285 **Kerver & Paneth (co-PIs) 9/16-8/23**
Prenatal Exposures and Child Health Outcomes: A Statewide Study
 This project, joint with four other Michigan partners, is part of the national ECHO program to support studies of possible environmental causes of adverse pregnancy and perinatal outcomes, obesity, asthma and neurodevelopmental disorders. We are creating a statewide

study in Michigan, adding to our extant pregnancy cohorts. Women are interviewed in pregnancy and blood, urine and placenta are being archived. We will later assess the child's health and development in relation to factors assessed during pregnancy.

Role: Co-Investigator, transitioned to MPI in 2018, transitioned to contact PI in 2021

2. NIH-NIAID, P01 Renewal (P01AI089473) Johnson & Ownby (MPI's) 9/19-8/24
Microbiota and Allergic Asthma Precision Prevention (MAAP2)
 The microbial community colonizing a newborn baby's GI tract is very important for the ongoing development of that community, which has a strong impact on the optimal development of the baby's immune system, leading to better child and adult health and specifically the prevention of allergy and allergic asthma. This collection of projects will identify relationships between factors influencing a mother's gastrointestinal and vaginal microbes during pregnancy, and how these factors and the mother's microbes affect her newborn's gastrointestinal microbial community and immune system development from birth through the first years of life in both human and mouse studies. We believe that taken together these advances in understanding will lay the foundation for a strategy for the primary prevention of allergies and asthma.
Role: Co-Investigator

3. NIH-NHLBI, R61/R33 Robbins (PI) 9/19-8/24
Guys/Girls Opt for Activities for Life (GOAL) Trial
 The purpose of this five-year group randomized trial (unit of assignment: school) is to evaluate the efficacy of the GOAL intervention in reducing % body fat and cardiovascular disease risk factors among underserved adolescent boys and girls in 5th–6th grades. The research stands to make a significant public health impact to reduce overweight and obesity among underserved adolescents, with high potential for intervention scalability.
Role: Co-Investigator

4. Michigan Health Endowment Fund (Ling/Kerver/Robbins, Co-PIs) 1/20–12/22
Happy Family, Healthy Kids: An Intergenerational Program to Promote Healthy Eating Habits The major goal of this project is to compare the effects of the "Happy Family, Healthy Kids" healthy eating program in reducing emotional eating and improving healthy eating behaviors between urban and rural low-income Head Start families.
Role: Co-Principal Investigator

5. NIH-NICHHD, R01 Saxe-Custack (PI) 7/20-6/23
Innovative Nutrition Practices in Pediatric Health Care: Assessment of a Fruit and Vegetable Prescription Program for Children in Need
 The goal of the project is to assess the influence of pediatric fruit and vegetable prescription programs (FVPP) on food security, child dietary patterns, and weight status. To do this, we will compare demographically similar pediatric patient groups from three large urban clinics based on their exposure to a FVPP: high exposure (>24 months), moderate exposure (12-24 months), and no previous exposure. We will then introduce the FVPP to never exposed patients and collect, record, and compare changes in dietary intake, food security, and weight status over time. Results will provide novel knowledge regarding the role of pediatric FVPP in addressing persistent barriers to access and affordability of fresh produce.
Role: Co-Investigator

6. Michigan Health Endowment Fund (Ilardo, PI) 1/21–12/22
Successful Nutrition Programs Across the Lifespan (SNP-AL)
 The overarching goal of this project is to create a compendium of nutrition intervention activities across the lifespan in two areas of Michigan and pilot test new strategies for implementation.
Role: Co-Investigator

7. NIH-OD, 3UH3OD023285-05S1 (Diversity Supplement) **Kerver (PI)** 9/20-8/22
Understanding Breastfeeding Practices Among ECHO Cohort Participants Before and During/After the COVID-19 Pandemic
 Although many women intend to breastfeed, individual problems like overweight/obesity or public health problems including the COVID-19 pandemic may keep them from being able to reach their goals. This project will try to find out if the length of time that babies get breastmilk with no other food/formula protects them from risk for childhood obesity with a special focus on moms who are obese before pregnancy. We will also explore the impact of the COVID-19 pandemic on women's breastfeeding practices and experiences.
Role: Principal Investigator/ Mentor for Post-Doctoral Fellow, Gayle Shipp, PhD
8. NIH-OD, 3UH3OD023285-05S2 (Maternal Mortality Supplement) **Kerver (PI)** 9/20-8/22
Mitigating the Impact of Implicit Bias on Maternal Morbidity and Mortality for African American Women
 In the US, illness and death around the time of childbirth are much higher in African American women than white women, partly because of bias and racism experienced in the health care setting. In this study, we will ask questions and listen to answers about respectful health care practices from groups of African American mothers and their health care providers. The result will be the development of a toolkit of specific strategies for mothers to counter negative interactions and obtain patient centered, respectful care.
Role: Principal Investigator
9. Michigan Health Endowment Fund **Kerver (PI)** 10/21-9/23
Food as Medicine for High Risk Pregnant and Postpartum Women
 We proposed an intervention for rural pregnant and postpartum women that begins with screening for food insecurity or other high-risk conditions, offers choices for *Food as Medicine* options, and uses innovative evaluation tools for measuring fruit and vegetable intake in relation to maternal and child health outcomes. All intervention options will be designed to increase fruit and vegetable consumption and will include nutrition education as well as coordinated referrals to WIC or other preventive health services available in the community. Recognizing that pregnancy can be an influential time to change the health trajectory for a woman and her family, the goal of this project is to build a sustainable cost-effective replicable model for optimizing food access and nutritional care coordination to improve health and well-being of families faced with food insecurity or other challenges.
Role: Principal Investigator
10. Michigan Health Endowment Fund **Saxe-Custack (PI)** 10/21-9/23
Expansion of a Fruit and Vegetable Prescription Program: A Prenatal Pilot
 Recognizing that nutrition security must start as early as possible, this proposal expands an evidence-based fruit and vegetable prescription program in Flint to the prenatal population.
Role: Co-Investigator

PENDING

NIH-OD 09/01/2023—08/31/2030

MPIs: Kerver [contact PI]; Paneth [founding contact PI]; Barone, Elliott, Fussman, Ruden

Total Direct Costs less Consortium F&A: \$16,615,663

Total Federal Funds Requested: \$25,960,838

Prenatal Exposures and Child Health Outcomes 2: Increasing ECHO Urban and Rural Diversity

This application is from a coalition of Michigan institutions that participated in the first UG3 and UH3 phases of the ECHO program. In ECHO-2 (2023-2030), we will follow the more than 1,600 ECHO participants from our current cohorts and recruit another 540 pregnancies to yield 450

live births consented to ECHO. We also aim to enroll approximately 225 mothers of the anticipated 450 live births for pre-conceptional data collection from whom we anticipate enrolling 67 subsequent children to produce a total study sample of some 2,200 Michigan mother/child pairs. Newly recruited pregnancies will all be from either dominantly African American cities (Detroit and Flint) or underserved rural communities in northern Michigan to contribute to the size and diversity of the overall ECHO cohort. Our large team of scientists will further contribute by leading ECHO Cohort analyses on a wide range of topics related to ECHO exposures of significance to public health.

Role: Contact PI

COMPLETED

1. NIH-NINR, R21 Ling (PI) 9/19-8/22
Using Facebook in a family-centered healthy lifestyle intervention: Feasibility Trial
 The purpose of this cluster randomized controlled trial is to determine the preliminary efficacy of an intergenerational intervention on preschoolers' proximal behavioral and distal anthropometric outcomes among Head Start caregiver-preschooler dyads. The research stands to make a significant public health impact to reduce overweight and obesity among underserved Head Start preschoolers, with high potential for intervention scalability among a high-risk population of concern to nursing leaders and practitioners.
Role: Co-Investigator

2. DHHS-SAMHSA (Subst. Abuse & Mental Health Services Admin) Kramer (PD) 9/18–9/21
Community Opioid Recovery Expansion (CORE)
 Our goal is to build long-term recovery opportunities and improve health outcomes for individuals with Opioid Use Disorder (OUD) by expanding access to Medication Assisted Treatment that includes care coordination with behavioral health and Peer Recovery services. This is a public service grant with possibility for leveraging to answer research questions related to treatment of OUD in pregnancy and later child health outcomes.
Role: Evaluation Director

3. Michigan Health Endowment Fund Kerver (PI) 7/18-6/21
Food as Medicine for Older Adults with Chronic Health Conditions
 The overarching goal of this project is to build a sustainable model for optimizing food access and nutritional status of older adults in the northwest region of Michigan's lower peninsula by providing nutritional services after hospital discharge and enhanced transfer of care to community-based programs. Our goal addresses two of the issues of critical need identified by the Health Fund Board—Nutrition & Healthy Lifestyles and Healthy Aging—and aligns with both of the Fund's cross-cutting goals by strengthening workforce capacity and building a cost-effective model for nutritional care coordination.
Role: Principal Investigator

4. USDA Brophy-Herb (PI) 3/15-3/21
Effectiveness of Differing Levels of Support for Family Mealtimes on Obesity Prevention among Head Start Preschoolers
 We are implementing a multiphase optimization strategy trial (MOST) to test a range of supports for healthy eating among Head Start families in Jackson, MI. Interventions range from the most intensive (home meal delivery) to the least intensive (nutrition education).
Role: Co-Investigator

5. MSU CHARM Pilot Grant Liu (PI) 6/19-5/21
Role of Genetic and Epigenetic Regulation of PUFA Metabolism Pathways in Placental Inflammation and Newborn Health

This is a grant from the Offices of Vice Presidents for Research from three universities (Michigan State University, the University of Michigan and Wayne State University) within the Child Health Advances from Research with Mothers Coalition (CHARM). The goal of this pilot study is to test the hypothesis that genetic and epigenetic regulation of the polyunsaturated fatty acid (PUFA) metabolism in the placenta leads to inter-individual differences in the susceptibility to placental inflammation and consequently child health perturbations. We will test this hypothesis using data and specimens from the ARCH and MARCH pregnancy cohorts.

Role: Co-Investigator

6. NIH-NICHD, R21 (1R21HD085138-01)* **Kerver (PI)** 4/16-3/19
Breastfeeding Support and Weight Management for Black Women: A Dual Intervention
 This is a feasibility trial designed to assess a combined breastfeeding support and online weight management intervention to be implemented in Detroit, MI. The intervention is designed to encourage breastfeeding in African-American women and, at the same time, reduce postpartum weight retention, a major contributor to midlife obesity in this population.
***This application was scored at the first percentile by NIH study section.**
Role: Principal Investigator
7. Michigan Health Endowment Fund (R-1702-141377) Ondersma (PI) 08/17–07/19
High Tech, High Touch (HT²)
 This implementation study sought to reduce substance use among pregnant women in rural Northern Michigan. Using an interrupted time series design, this project evaluated a highly abbreviated intervention consisting of electronic screening and brief intervention, SMS, and integrated mental health specialists.
Role: Consultant
8. Michigan State University, Start-up Funds **Kerver (PI)** 1/15-12/19
Diet Intervention in Pregnancy & Maternal, Infant Gut Microbiome: RCT Feasibility Pilot This project is designed to assess feasibility of implementing a diet intervention in pregnancy and obtaining maternal blood, urine, and fecal samples pre- and post-diet intervention and infant stool samples. Emerging research shows that the gut microbiome is affected by diet and the maternal microbiome may influence the establishment of the infant microbiome during a critical window of time that may influence the development of asthma or other health consequences.
Role: Principal Investigator
9. NIH-NIEHS CHEAR P&F **Kerver (PI)** 3/18-3/19
Laboratory Analysis for Diet Intervention in Pregnancy
 This was a competitive zero dollar proposal that allowed us to ship our biospecimens (maternal blood and urine) from the Diet Intervention in Pregnancy study described immediately above to two NIH-funded Children's Health Exposure Analysis Resource (CHEAR) laboratories for analysis of carotenoids and metabolomics, respectively.
Role: Principal Investigator
10. NIH, NICHD, R03 (HD073275-01A1) Mudd transitioned to Pivarnik (PIs) 9/14-9/17
Maternal Physical Activity, Lipid Levels and Birth Weight
 The objective of this project is to determine relations among objectively measured physical activity and lipids in each trimester of pregnancy and to evaluate associations of both factors with birth weight.
Role: Co-Investigator
11. National Institute of Food and Agriculture, USDA **Kerver (PI)** 10/14-9/16
Multilevel Approach to Health Promotion in the Worksite

The main objective for this project was to encourage healthy behaviors among the Shiawassee County school district employees (n=1,600). It was called a multilevel approach because activities took place both at the district level (wellness committees) and the employee level (online wellness program). The overarching goal was to change the school environment so that school district employees serve as healthy role models for children and their families.

Role: Principal Investigator

12. Michigan State University (RAIND competition) **Kerver, Paneth (co-PIs)** 1/14-1/16
Perinatal Risk For Cognitive Disorders: Iodine Deficiency and Maternal Obesity
 Using a large cohort of pregnancies, in whom urine and blood specimens have been archived, this project assesses iodine nutriture and thyroid status in pregnancy more completely than has yet been done in a US pregnant population, and link to cognitive and behavioral functioning in early childhood. We will also be able to assess relationships between maternal obesity or excess pregnancy weight gain and neurodevelopmental and behavioral outcomes in offspring, and the potential role of other prenatal factors on cognitive and behavioral outcomes in children. The pilot data collected will serve a basis for further mechanistically-focused studies.
Role: Principal Investigator
13. WK Kellogg Foundation Olson transitioned to Benton (PIs) 4/12-9/15
Breastfeeding Support for Low-Income Mothers
 The goal of this study is to determine the feasibility of a new model of peer counseling breastfeeding support for low-income mothers, integrated with county WIC, Extension education, and university support.
Role: Co-Investigator
14. HHSN267200700034C, HHSN275200800007C Paneth (PI) 9/07-9/14
Michigan Alliance for the National Children's Study (MANCS)
 Five Michigan counties were included in the sampling frame for the National Children's Study, thus aiming to contribute 5,000 participants for this study of 100,000 children from before birth to age 21. A consortium of Michigan institutions (Michigan State University, the University of Michigan, Wayne State University, the Henry Ford Health System and the Michigan Department of Community Health) worked together on this project, with the study office at MSU.
Role: Study Coordinator/Project Director
15. HHSN267200700034C Paneth (Study Center PI); Forman (Project PI); **Kerver (Location PI)** 9/10-9/12
Evaluation of Ulnar Length Measurement for use in the National Children's Study
 Within a multi-center study but separately from the National Children's Study work described above, we tested the accuracy and reliability of ulnar length measurement in 226 healthy infants and children aged <6 y (across 8 study centers n=1,479 children). Our purpose was to assess accuracy and reliability of ulnar measurement to investigate its potential use as a surrogate measure of recumbent length and height in physically impaired or non-ambulatory children.
Role: Location Principal Investigator

UNFUNDED

1. USDA Weatherspoon (PI) Submitted 4/13
PE-Nut Plus: Preventing Childhood Obesity from North to South
 This was an unfunded cluster randomized trial (unit of assignment was school) designed to

assess effects of implementing a curriculum with information and activities about physical education (PE) and nutrition (NUT) on the prevention of obesity in elementary school children in Michigan and Florida.

Role: Co-Investigator

2. National Institute of Food and Agriculture, USDA **Kerver (PI)** Submitted 7/13
Multilevel Approach to Health Promotion in the Worksite
 This unfunded proposal was resubmitted and subsequently funded (see above under completed research support).
Role: Principal Investigator
3. NIH **Bresnahan (PI)** Submitted 2/14
Responses to Nutritional Stigma as a Transactional Process in the Innerscity This was an unfunded proposal designed to use theory-driven communication strategies to reduce stigma surrounding public benefit programs for low-income families.
Role: Co-Investigator
4. MSU (Strategic Partnership Competition) **Paneth (PI)** Submitted 2/14
Investigating the Prenatal Origins of Human Disease
 This unfunded proposal was for planning a pregnancy cohort based on a probability sample of Michigan births. We later were successful in obtaining funding for this project from the Michigan Health Endowment Fund and then the NIH ECHO program.
Role: Co-Investigator
5. NIH-NICHD R01 **Kerver (PI)** Submitted 2/14
Breastfeeding Support and Weight Management for Black Women: A Dual Intervention This unfunded R01 proposal was resubmitted as an R21 and funded after another resubmission (see above under completed research support).
Role: Principal Investigator
6. BCBS **Weatherspoon (PI)** Submitted 6/14
Healthy Kids, Healthy Families: A Collaborative Approach to Address Childhood Obesity This unfunded proposal was to support the pediatric collaboration between the MSU pediatric clinic and the farmers market in Flint MI.
Role: Co-Investigator
7. USDA (1st Resubmission) **Weatherspoon (PI)** Submitted 6/14
PE-Nut Plus: Preventing Childhood Obesity from North to South
 This was an unfunded cluster randomized trial (unit of assignment was school) designed to assess effects of implementing a curriculum with information and activities about physical education (PE) and nutrition (NUT) on the prevention of obesity in elementary school children in Michigan and Florida.
Role: Co-Investigator
8. NIH-NICHD R21 **Kerver (PI)** Submitted 10/14
Breastfeeding Support and Weight Management for Black Women: A Dual Intervention This unfunded proposal was resubmitted and funded (see above under completed research support).
Role: Principal Investigator
9. USDA (2rd Resubmission) **Weatherspoon (PI)** Submitted 4/15
PE-Nut Plus: Preventing Childhood Obesity from North to South
 This was an unfunded cluster randomized trial (unit of assignment was school) designed to assess effects of implementing a curriculum with information and activities about physical

education (PE) and nutrition (NUT) on the prevention of obesity in elementary school children in Michigan and Florida.

Role: Co-Investigator

10. HRSA Kerver (PI) Submitted 11/15
Breastfeeding Support and Weight Management for Rural Women: A Dual Intervention
 The unfunded proposal was for a trial designed to assess a combined breastfeeding support and online weight management intervention to be implemented in the northwest region of Michigan's Lower Peninsula. The project was designed to be similar to the NIH funded R21 project in Detroit so that we could generalize to both rural and urban populations.
Role: Principal Investigator

11. HRSA (1st Resubmission) Kerver (PI) Submitted 8/16
Breastfeeding Support and Weight Management for Rural Women: A Dual Intervention
 The unfunded proposal was for a trial designed to assess a combined breastfeeding support and online weight management intervention to be implemented in the northwest region of Michigan's Lower Peninsula. This was a resubmission of the project described immediately above.
Role: Principal Investigator

12. USDA (3rd Resubmission) Weatherspoon (PI) Submitted 8/16
PE-Nut Plus: Preventing Childhood Obesity from North to South
 This was an unfunded cluster randomized trial (unit of assignment was school) designed to assess effects of implementing a curriculum with information and activities about physical education (PE) and nutrition (NUT) on the prevention of obesity in elementary school children in Michigan and Florida.
Role: Co-Investigator

13. Diversity Supplement for NIH-NICHD (1R21HD085138-01) Kerver (PI) Submitted 10/16
Breastfeeding Support and Weight Management for Black Women: A Dual Intervention
 This was an unfunded diversity supplement proposal to support Dr. Gwendolyn Norman at Wayne State University.
Role: Principal Investigator

14. US DOD Paneth (PI) Submitted 10/16
Exploring the Antenatal Origins of Autism Symptomology
 This unfunded project was designed to support follow-up of children from the ARCH pregnancy cohort for cognitive and behavioral assessments.
Role: Co-Investigator

15. HRSA (2nd Resubmission) Kerver (PI) Submitted 11/17
Breastfeeding Support and Weight Management for Rural Women: A Dual Intervention
 The unfunded proposal was for a trial designed to assess a combined breastfeeding support and online weight management intervention to be implemented in the northwest region of Michigan's Lower Peninsula. This was the second resubmission of the project described above.
Role: Principal Investigator

16. NIH-NINR, R21 Ling (PI) Submitted 10/17
Using Facebook in a family-centered healthy lifestyle intervention: Feasibility Trial
 This unfunded proposal was resubmitted and subsequently funded (see above under active

research support.

Role: Co-Investigator

17. NIH-NHLBI, R61/R33 Robbins (PI) Submitted 2/18
Guys/Girls Opt for Activities for Life (GOAL) Trial
 This unfunded proposal was resubmitted and subsequently funded (see above under active research support).
Role: Co-Investigator
18. NIH R21 Khan (PI) Submitted 10/18
App-based Intervention to Improve Pap Adherence in Sleep Apnea Via Care Circles
 This was an unfunded proposal designed to develop and test the feasibility of an app that would help patients with sleep apnea navigate the health care system better.
Role: Co-Investigator
19. NIH-NIDA R34 Kerver (PI) Submitted 3/19
Prenatal Stressors & Child Brain Development in Rural & Urban Settings: Leveraging Infrastructure from a Probability Based ECHO Pregnancy Cohort
 This unfunded proposal was intended to address substance abuse, especially opioid use. The proposed research would have addressed the impact of opioid and other substance use during pregnancy on infant brain development in both rural and urban Michigan populations.
Role: Principal Investigator
20. Michigan Health Endowment Fund Sneed (PI) Submitted 4/19
FLINT BASED: Food as Medicine for Older Adults with Chronic Health Conditions
 This unfunded proposal was designed to strengthen workforce capacity and building a cost-effective model for nutritional care coordination among Flint primary care providers serving older adult residents of Flint, MI.
Role: Co-Investigator
21. Public Health Informatics Institute (with the CDC) Kerver (PI) Submitted 11/19
MAT-LINK Surveillance in Rural Michigan
 This proposal was scored as “selected for funding” but kept on a wait-list and ultimately not funded. The proposal was in response to an RFP to participate in the Maternal and Infant Network to understand outcomes associate with treatment for opioid use disorder during pregnancy. We applied in partnership with Munson Medical Center and local public health.
Role: Principal Investigator
22. NIH, R21 Saxe-Custack (PI) 9/20-8/22
Effect of Intensity of Exposure to a Pediatric Fruit and Vegetable Prescription Program on Weight-Related Behaviors and Outcomes of Low-Income Children
 This project is a retrospective chart review of health outcomes of children after participating in a phase-one project instituting a fruit and vegetable prescription program co-located with a pediatric clinic.
Role: Co-Investigator
23. DHHS-SAMHSA Kramer (PD) 10/21–9/26
Community Opioid Recovery Expansion (CORE)
 This proposal was written as an expansion of a currently funded grant program serving individuals with Opioid Use Disorder (OUD) by providing Medication Assisted Treatment in conjunction with behavioral health and Peer Recovery services. Our goal is to expand the geographic area for treatment opportunities by embedding support services in rural primary care settings. This is a public service grant with possibility for leveraging to answer research questions related to treatment of OUD in pregnancy and later child health outcomes.

Role: Evaluation Director

24. NIH Kerver and Hauff (MPIs) 4/22-3/27
Breastfeeding Education, Support, and Training (The BEST Study): Mitigating the Impact of Structural Racism and Discrimination on Breastfeeding Initiation and Duration Among African American Women
 This is a non-randomized controlled trial with multilevel intervention including doula and lactation support, hospital staff training, workplace education, and community classes all designed to increase exclusive breastfeeding among African American women in Detroit.
Role: Contact PI

PEER-REVIEWED PUBLICATIONS

Web of Science Citation Check	7/20/2023
Sum of the Times Cited	1,132
Average Citations Per Item	17.97
h-index	15

*Indicates student or post-doctoral mentee

1. Murtaugh MA, **Kerver J**, and Tangney CC. Urinary lactose excretion increases with estimated milk production. *J Pediatr Gastroenterol Nutr.* 1996;23(5):631-4. **(Cited 3 times)**
2. McNabb WL, Quinn MT, **Kerver J**, Cook S, and Karrison T. The PATHWAYS church-based weight loss program for urban African-American women at risk for diabetes. *Diabetes Care.* 1997;20(10):1518-23. **(Cited 146 times)**
3. Song WO and **Kerver JM**. Nutritional contributions of eggs to American diets. *J Am Coll Nutr.* 2000;19(5S):556S-562S. **(Cited 117 times)**
4. Yang EJ, Chung HK, Kim WY, **Kerver JM**, and Song WO. Carbohydrate intake is associated with diet quality and risk factors for cardiovascular disease in U.S. adults: NHANES III. *J Am Coll Nutr.* 2003;22(1):71-9. **(Cited 49 times)**
5. Yang EJ, **Kerver JM**, Park YK, Kayitsinga J, Allison DB, Song WO. Carbohydrate intake and biomarkers of glycemic control among U.S. adults: NHANES III. *Am J Clin Nutr.* 2003;77(6):1426-33. **(Cited 30 times)**
6. **Kerver JM**, Yang EJ, Bianchi L, and Song WO. Dietary patterns associated with risk factors for cardiovascular disease in healthy US adults. *Am J Clin Nutr.* 2003;78(6):1103-10. **(Cited 181 times)**
7. Yang EJ, **Kerver JM**, and Song WO. Dietary patterns of Korean Americans described by factor analysis. *J Am Coll Nutr.* 2005;24(2):115-21. **(Cited 34 times)**
8. **Kerver JM**, Yang EJ, Obayashi S, Bianchi L, and Song WO. Meal and snack patterns are associated with dietary intake of energy and nutrients in U.S. adults. *J Am Diet Assoc.* 2006;106(1):46-53. **(Cited 177 times)**
9. Song WO, Chun OK, **Kerver JM**, Cho SC, Chung CE, and Chung S. Ready-to-eat breakfast cereal consumption enhances milk and calcium intake in the US population. *J Am Diet Assoc.* 2006;106(11):1783-1789. **(Cited 67 times)**
10. **Kerver JM**, Gardiner JC, Dorgan JF, Rosen CJ and Velie EM. Dietary predictors of the

insulin-like growth factor system in adolescent girls: results from the Dietary Intervention Study in Children (DISC). *Am J Clin Nutr.* 2010;91(3):643-50. **(Cited 15 times)**

11. **Kerver JM**, Elliott MR, Norman GS, Sokol RJ, Keating DP, Copeland GE, Johnson CC, Cislo KK, Alcser KH, Kruger-Ndiaye S, Pennell BE, Mehta S, Joseph CLM, and Paneth N. Pregnancy recruitment for population research: the National Children's Study vanguard experience in Wayne County, Michigan. *Paediatric and Perinatal Epidemiology.* 2013;27(3):303-11. **(Cited 12 times)**
12. Forman MR, Zhu Y, Hernandez LM, Himes JH, Dong Y, Danish RK, James KE, Caulfield LE, **Kerver JM**, Arab L, Voss P, Hale DE, Kanafani N, and Hirschfeld S. Arm span and ulnar length are reliable and accurate estimates of recumbent length and height in a multiethnic population of infants and children under 6. *Journal of Nutrition.* 2014;144(9):1480-1487. **(Cited 20 times)**
13. Mehta SH, **Kerver JM**, Sokol RJ, Keating DP, Paneth N. The Association between maternal obesity and neurodevelopmental outcomes of offspring. *Journal of Pediatrics.* 2014;165(5): 891-896. **(Cited 33 times)**
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JAMA Pediatrics 2022; *in press* (Accepted Nov 2022). **(Cited 2 times)**

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54. Bright V, Riddle J, **Kerver JM**. Stigma Experienced by Rural Pregnant Women with Substance Use Disorder: A Scoping Review and Qualitative Synthesis. *Int. J. Environ. Res. Public Health* 2022, 19(22), 15065; <https://doi.org/10.3390/ijerph192215065> **(Cited 2 times)**
55. Haddad EN, Nel NH, Petrick, LM, **Kerver JM**, Comstock SS. Associations Between the Gut Microbiota, Urinary Metabolites, and Diet in Women During the Third Trimester of Pregnancy. *Current Developments in Nutrition* 2023 Apr 7(4) **(Cited 1 time)**
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57. **Kerver JM**, Khiraya Y, Gryc JM, Gardiner JC, Comstock SS. Feasibility of a Food Delivery Intervention during Pregnancy in a Rural US Population: The PEAPOD Pilot Study. *Nutrients* 2023, 15, 816. <https://doi.org/10.3390/nu15040816>

PROFESSIONAL MEETING PRESENTATIONS AND ABSTRACTS

1. ***Kerver J**, Murtaugh MA, Tangney CC, and Storm H. (1994, April). Urinary lactose in postpartum women expressing breastmilk. Experimental Biology '94, Anaheim, CA **(Cited 1 time)**
2. McNabb WL, Quinn MT, ***Kerver J**, Cook S, and 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
3. Song WO, *Park YK, ***Kerver J**, 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
4. ***Kerver JM**, Bianchi LJ, McNamara DJ, and Song WO. (2000, April). The nutritional contributions of eggs to the American diet in the 90's. Experimental Biology '00, San Diego, CA **(Cited 1 time)**
5. ***Kerver JM**, Bianchi LJ, McNamara DJ, and 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
6. ***Jager KA**, Carolan MT, **Kerver JM**, Weatherspoon LJ, and 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

7. Weatherspoon LJ, ***Kerver JM**, Carolan MT, ***Jager KA**, and Song WO. Glycated hemoglobin concentration associated with risk factors for type 2 diabetes in U.S. children and adolescents. *Diabetes* 2001;50(S2):A482.
8. Yang EJ, Kayitsinga J, ***Kerver JM**, ***Park YK**, ***Obayashi S**, Allison D, and Song WO. (2002, April). Biomarkers of glycemic function related to carbohydrate intake in U.S. adults. *Experimental Biology '02*, New Orleans, LA
9. ***Kerver JM**, Yang EJ, ***Obayashi S**, and 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
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
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
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
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
14. Paneth N, Ziegler K, Elliott M, Sokol R, Norman G, Kruger-Ndiaye S, Alcer K, **Kerver J** and the Michigan Alliance for the National Children's Study Executive Committee (2011, Aug). 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.
15. Paneth N, Ziegler K, **Kerver J**, Brovont A and the Michigan Alliance for the National Children's Study Executive Committee (2011, Aug). 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.
16. Michigan Alliance for the National Children's Study Community Engagement Core and Executive Committee (2011, Aug). 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).
17. Michigan Alliance for the National Children's Study (2011, Aug). SurveyTrak: An Integrated Suite of Sample Management Modules. Poster (46-D) Presented at the National Children's Study Research Day 2011, Bethesda, MD.
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)
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)

20. **Kerver JM** and 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
21. Kazmirzack LM and **Kerver J.** (2013, Oct) Associations among domains of maternal physical activity and lipid levels during pregnancy. *Journal of Women's Health* 22(10)892 (2013).
22. *Haggerty DK, **Kerver JM**, and Mehta SH. (2014, Mar) Feasibility of recruiting pregnant African-American women for web-based interventions. 2014 Michigan Epidemiology Conference, East Lansing, MI.
23. *Rozga MR, **Kerver JM**, and 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
24. *Shukr G, *Haggerty DK, **Kerver JM**, and 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
25. **Kerver JM**, Mehta SH, Sokol RJ, Biery HL, Talge N, Ingersoll B, Berger N, Keating DP, Elliott M, Pearce E and 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.
26. *Stannard AB, Mudd LM, Pivarnik JM, **Kerver JM**, and 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.
27. *Seaton T, Mehta S, Luo Z, Paneth N, and **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
28. **Kerver JM**, Pearce E, *Ma T, *Zdanukiewicz M, and 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
29. *Taglione V, *Lwin P, *Chapman P, Terhune J, **Kerver J**, and Wendling A. (2017, Nov) Identifying Access to Maternity and Prenatal Care in Rural Michigan. North American Primary Care Research Group 2017 Annual Meeting, Montreal, Quebec
30. *Louis-Gray K, *Forton S, and **Kerver J.** (2019, April) Maternal smoking, polysubstance use, and delivery outcomes in a rural pregnancy cohort. 2019 Annual Michigan Rural Health Conference, Mt. Pleasant, MI
31. **Kerver JM**, Gryc JM, Shanahan M, *Louis KR, Gardiner JC, and 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
32. Comstock SS, Sugino KY, Vevang KR, Peterson LA, Koratkar R, Gross MD, and **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
33. **Kerver JM**, *Shipp GM, Norman GS, Brogan-Hartlieb K, Gardiner JC, Barone CJ, Ondersma SJ, Paneth N, Sokol RJ, and 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
 34. **Kerver JM**, *Haggerty D, Talge N, *Slawinski B, Ingersoll B, Keating D, Racicot K, and 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
 35. Elliott M, *Ma T, Thompson T, Krueger A, Norman G, Barone C, Copeland G, Welch R, Leissou E, Ridenour T, **Kerver J**, and 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
 36. Brophy-Herb H, **Kerver JM (Presenting Author)**, Lumeng JC. (2019, Oct) 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.
 37. *Shipp GM, Weatherspoon LJ, Comstock SS, Norman GS, Alexander GL, **Kerver JM**. (2019, Oct) 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
 38. *Shipp GM, Weatherspoon LG, Comstock SS, Norman GS, Alexander GL, **Kerver JM**. (2019, Nov) 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
 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](https://asm.ipostersessions.com/Default.aspx?s=07-A5-1C-47-21-79-9B-2A-1D-B6-DE-E3-74-FD-E4-D6)
 40. *Haddad EN, **Kerver JM**, Comstock SS. (2021, July 28) 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>
 41. Lamere L, Talge N, **Kerver J**, 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
 42. Connell M, Kao K, Rapp A, **Kerver J**, Susick L, Santarossa S (2022, May 13) Using a Novel Dietary Assessment Tool (DietID™) During Pregnancy: A Descriptive Study. HFH Research

Day, Detroit 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
44. *Sihan, B., Tengfei M., **Kerver, J.**, Sarah S.C. (**Poster Presentation**). 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. September 30 - October 1, 2022.
45. **Ling, J.**, Robbins, L. B., & Kerver, J. (**Poster Presentation**). FirstStep2Health: A healthy lifestyle intervention. *American Academy of Nursing 2022 Health Policy Conference*, Washington, DC. October 27-29, 2022.
46. Robbins, L. B., **Ling, J.**, & Kerver, J. (**Poster Presentation**). Happy Family, Healthy Kids: Promoting healthy eating among low-income families. *American Academy of Nursing 2022 Health Policy Conference*, Washington, DC. October 27-29, 2022.
47. Shipp G, Stojanovski K, Thompson T, Norman G, McKane P, Allievi C, **Kerver J.** (**Poster Presentation**). Antenatal and postnatal assistance program utilization among Medicaid-enrolled women in Michigan. 2022 American Public Health Association (APHA) Conference, Boston, MA. November 5-9, 2022.
48. Ling, J., Robbins, L. B., & Kerver, J. (**Poster Presentation**). FirstStep2Health: A healthy lifestyle intervention. *Michigan State University College of Nursing Research Day*, East Lansing, MI. March 15, 2023.
49. Ling, J., Robbins, L. B., Kerver, J. M., & Zhang, N. 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. March 29-April 1, 2023.

OTHER PROFESSIONAL COMMUNICATIONS

Book Chapters

1. **Kerver JM**, Park YK, and 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. (Cited 4 times)**
2. Mudd LM and **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.

Letters to the Editor

1. Murtaugh M, Tangney CC, and **Kerver J**. Is there a relationship between urinary lactose excretion and lactation performance? *J Am Diet Assoc.* 1998 Mar;98(3):264.
2. **Kerver JM**, Pearce EN, Elliott MR, Paneth N and Kerver J. Clearing up the

Misinterpretation. Am J of Obstetrics and Gynecology 2020

Study Modules

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.

INVITED PRESENTATIONS SINCE 2016

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
2. Lifelong Consequences of Early Nutrition
MSU Rx (Sept 23, 2016)
Wharton Center, East Lansing, 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
4. Guest Lecture, Assessing Effects of Early Nutrition
University of Michigan, NUTR 688 (Nov 16, 2016)
Ann Arbor, MI
5. Nutrition and Brain Development
Pediatric Grand Rounds (Aug 22, 2017)
Helen DeVos Children's Hospital, Grand Rapids, 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
7. Diet and the Gut Microbiome: Does Pregnancy Nutrition Matter?
CHOICES: The conference that celebrates food, health, & collaboration (Mar 15, 2018)
Dearborn, 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
9. Population Health: The Big Picture of Physical Health with Mental Illness
Michigan Clubhouse Conference (July 2018)
Traverse City, MI
10. Integrating Wellness Standards into Clubhouse Culture to Improve Physical Health of
Persons with Mental Illness USA Clubhouse Conference (Oct 2018)
Bethesda, MD
11. World Population Health in Terms of Physical Health of People with Mental Illness

- European Clubhouse Conference (Nov 2018)
Denmark, presented via zoom connection
12. MSU—Munson Community Based Research Initiatives
Munson Healthcare Friday Medical Conference (March 2019)
Hirko and Kerver, co-presenters
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
 14. Innovating to Increase Access: Bringing Healthy, Local Food to Families in Need
Farms, Food & Health Conference (Sept 2019)
Traverse City, MI
 15. 20 Year History of the Healthy Futures Program
Michigan Rural Health Conference (March 2020, Cancelled due to COVID-19 pandemic)
Grand Rapids, MI
 16. Local Research Update
American Association of University Women, Traverse City Chapter (Jan 2021)
Hirko and Kerver, co-presenters
Traverse City, MI
 17. What is Healthy Food?
Food Security Summit Series (Feb 21)
Traverse City, MI
 18. Iodine Issues in Pregnancy
OB/Gyn Grand Rounds, Ascension St. John's Hospital (March, 2021)
Detroit, MI
 19. Dietary Guidelines for Infants and Toddlers
Genesee County Health Department, (April 2021)
Flint MI
 20. Iodine Issues in Pregnancy: Report from a Local Cohort
Friday Medical Conference, Munson Healthcare (April, 2021)
Traverse City, MI
 21. Nutrition Assessment in Pregnancy and Pediatric Cohorts
Department Seminar, Food Science and Human Nutrition, MSU (Nov 2021)
East Lansing, MI

TEACHING AND ADVISING

- 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

- 1999-2003 **Teaching Assistant**
Dept. of Food Science and Human Nutrition, Michigan State University
Course: Basic Nutritional Counseling (HNF 379) spring, 1999
Course: Medical Nutrition Therapy (MNT) (HNF 466), 86 students, spring, 2003
Course: MNT Outcomes Documentation (HNF 467), 70 students, spring, 2003
- 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
- 2000- **Guest Lecturer**
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
- 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
- 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)
- 2015- **College of Human Medicine, Michigan State University**
Course: Medical Student Legacy Course, Critical Appraisal/Analytic Medicine (CAAM), 12 3rd medical students/year (co-taught with Dr. David Klee, 2015-18)
- Course: Medical Student Shared Discovery Curriculum (HM 651, HM 652, and HM 653), Advanced Skills and Knowledge (ASK), Rationality Section (co-taught with Dr. Kelly Hirko, 2019-)
- Course: Medical Student Research Electives (HM 691): Kathleen Louis (spring Intersession 2017), Kortney Bower (winter Intersession 2018)
- Course: Epidemiology/EBM Intersession 2021: Preceptor for Small Group

Session

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

Postdoctoral Mentorship

Department of Epidemiology and Biostatistics, Michigan State University

- Gayle Shipp, NIH Funded Diversity Supplement Research Fellow Fall 2020-Present
- Chi-Lun Yang, Research Associate Fall 2021-Present
- Cybil Cavalieri, Research Associate Spring 2022-Present

PhD Dissertation Committee Service

Department of Epidemiology and Biostatistics, Michigan State University

- Mallory Doan Davis (Major Advisor Nigel Paneth) Completed 2017
- Diana Haggerty (Major Advisor Nigel Paneth) Completed 2019
- Daniel Dutkiewicz (Major Advisor Lixin Zhang) Completed 2020

Department of Food Science and Human Nutrition, Michigan State University

- Mary Rozga (Major Advisor Beth Olson), PhD, Completed 2014
- Amy Saxe-Custack (Major Advisor Lorraine Weatherspoon) Completed 2016
- Dawn Earnesty (Major Advisor Lorraine Weatherspoon) Completed 2019
- Gayle Shipp (Co-Advisors Jean Kerver and Lorraine Weatherspoon) Completed 2020
- Nicholas Dryzal (Major Advisor Katherine Alaimo) Committee formed spring 2018
- Sihan Bu (Major Advisor Sarah Comstock) Committee formed spring 2021

College of Nursing, Michigan State University

- Grace Williams (Major Advisor Lorraine Robbins) Committee formed spring 2017

Department of Kinesiology, Michigan State University

- Alicja Stannard (Major Advisor Lanay Mudd) Completed May 2016
- Emily Werner (Major Advisor James Pivarnik) Completed May 2021

Interdisciplinary Health Sciences Program, Western Michigan University

- Diana Hassan (Major Advisor Amy Curtis) Completed Dec 2015

MSc Thesis Committees

Department of Epidemiology and Biostatistics, Michigan State University

- Lynette Biery (Major Advisor Nigel Paneth) Completed Dec 2013
- Daniel Dutkiewicz (Major Advisor Lixin Zhang) Completed May 2016
- Taylor Seaton (Major Advisor Jean Kerver), Completed May 2017
- Chelsea Robinson (Major Advisor Jean Kerver), Completed Spring 2022

PROFESSIONAL SERVICE

- 2011- **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. I am the sole standing expert reviewer for this award of over \$15M annually (others rotate on and off the committee)

- 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
- 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
- 2016-2018 **Evaluation Director (in-kind)**, 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)
- 2016-2018 **Evaluation Director (in-kind)**, Expanding the Healthy Futures Program, funded by the Michigan Health Endowment Fund and granted to Munson Medical Center
- 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
- 2020- **Associate Chair of the Publications Committee** for the NIH Environmental influences on Child Health Outcomes (ECHO) program. After serving as a reviewer for this publications committee for 2 years, I was nominated by one of the two co-Chairs to serve as one of 6 associate chairs. In this new role, I am responsible for summarizing reviewer comments, corresponding with writing team leaders, and choosing which proposals to put forward as ECHO “Big Wins” which receive analytic priority.
- 2020- **Awards Committee Member**, Department of Epidemiology and Biostatistics

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 Health and Aging, Journal of Pediatric Endocrinology and Metabolism, Midwifery, Nutrients, Nutrition Research, Paediatric and Perinatal Epidemiology, Pediatrics, Pediatric Obesity, PLOS ONE, PRIMER, Public Health Nutrition