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EDUCATION

2003-2006 PhD, Nutritional Epidemiology, Tufts University, Boston, Massachusetts
2000-2002 MS, Nutritional Epidemiology, Tufts University, Boston, Massachusetts
1993-1997 AB, Biology, Vassar College, Poughkeepsie, New York

ACADEMIC APPOINTMENTS

2019- Professor with Tenure, The Ohio State University, College of Public Health, Division of Epidemiology, Columbus, Ohio
2013-2019 Associate Professor with Tenure, The Ohio State University, College of Public Health, Division of Epidemiology, Columbus, Ohio
2016 Visiting Researcher, Centre for Longitudinal Research, University of Auckland, Tamaki campus, Auckland, NZ. February-May 2016
2015 Visiting Researcher, International Centre for Lifecourse Studies in Society and Health, University College London, London, UK. September-December 2015
2007-2013 Assistant Professor, The Ohio State University, College of Public Health, Division of Epidemiology, Columbus, Ohio
2006-2008 Adjunct Assistant Professor, Tufts University, Department of Public Health & Family Medicine, Boston, Massachusetts
2006-2007 Researcher, UMASS Medical School, Eunice Kennedy Shriver Center, Waltham, Massachusetts
2006-2007 Research Fellow, Tufts University, Department of Public Health & Family Medicine, Boston, Massachusetts
2003-2006 Instructor, Tufts University, School of Medicine, Public Health & Community Medicine, Boston, Massachusetts

HONORS

2009 Dannon Nutrition Leadership Institute
2006 Finalist: Ethan Sims young investigator award, NAASO: The Obesity Society
2002-04 Ruth L. Kirschstein National Research Service Pre-doctoral Fellowship
2002-03 Tufts University Center for Children student project initiative award
2000 Stanley N. Gershoff Scholar, Tufts University
1997 Virginia Swinburne Brownell Prize in Biology, Vassar College
1997 Phi Beta Kappa, Vassar College

FUNDED RESEARCH

Principle Investigator

Pending

Title: **Chaos and Stability in Early Childhood to Inform Obesity Prevention**
Source: National Institutes of Health, NIDDK
Role: Principal Investigator
Goals: To use mixed-methods to investigate chaos and instability in toddler home environments as contributors to risk for obesity at kindergarten-age in a cohort of 300 families.
Period of support: 4/1/2020 – 03/31/25
Total costs: \$3,881,502
Submitted June 5, 2019

Active

Title: **Parent-Child Mealtime Interactions: Longitudinal Observations to Inform Obesity Prevention**
Source: National Institutes of Health, NIDDK (R01DK108969)
Role: Principal Investigator
Goals: To conduct a longitudinal study of toddlers to determine how the quality of parent-child interactions observed in mealtime and non-mealtime settings in the home and laboratory impacts changes in weight and adiposity through preschool-age, and to identify the aspects of self-regulation that are involved.
Period of support: 02/01/17 – 01/31/21
Total costs: \$2,592,747

Past

Title: **Epidemiology of Parenting and Childhood Obesity**
Source: National Institutes of Health, NIDDK (R21DK104188)
Role: Principal Investigator
Goals: To determine the extent to which parent responsiveness moderates the impact of family routines on children's weight status and risk for obesity and whether self-regulation mediates these associations.
Period of support: 4/15/15-3/31/18
Total costs: \$439,499

Title: **Early Risk Factors for Obesity: Parenting, Child Behavior, and Attachment**
Source: National Institutes of Health, NIDDK (R01DK088913)
Role: Principal Investigator
Goals: To determine how the emotional quality of early parent-child relationships affects the risk of childhood obesity.
Period of support: 9/1/10-5/31/15
Total costs: \$1,024,679

Title: **Household Routines and Development of Obesity in US Preschool Children**
Source: U.S. Department of Agriculture, Economic Research Service (59-5000-8-0128)
Role: Principal Investigator
Goals: To determine whether the prevalence of obesity is lower among preschool children living in households with established routines around meals, sleep, television, and active play.
Period of support: 11/1/08-10/31/10
Total costs: \$155,000

Title: **Childhood Overweight and Obesity: Prospective Analyses of Child Behavior Problems as a Risk Factor**
Source: American Heart Association, Great Rivers Affiliate, Beginning-grant-in-aid (0865376D)
Role: Principal Investigator
Goals: To understand the influence of early childhood behavior problems on developmental trajectories that lead to obesity.
Period of support: 7/1/08-6/30/11
Total costs: \$121,000

Co-Investigator

Past

Title: **Evaluation Service for Ohio Department of Health Programs**
Source: Ohio Department of Health (DAS Contract #CSP909514)
Role: Co-Investigator /Allard Dembe, ScD (PI)
Goals: To conduct public health program evaluations of 5 Ohio Department of Health programs: Creating Health Communities, Injury Prevention Sub-Grantee Planning and Technical Assistance, Project Dawn (Deaths Avoided with Naloxone), State Violence and Injury Prevention, and the Early Childhood Obesity Prevention program
Period of support: 6/1/14-9/30/15
Total costs: \$255,000

Title: **Foundations for Healthy Living: Healthy Eating in Early Childhood**
Source: Centers for Disease Control and Prevention (U48DP00912)
Role: Co-Investigator /Phyllis Pirie, PhD (PI)
Goals: Prevention Research Center: pilot project to develop and implement a survey of parents of young children in disadvantaged areas of Columbus, Ohio.
Period of support: 10/1/09-9/30/14
Total costs: \$2,362,300

Title: **Mealtime Behavior Problems in Preschool Children Born Preterm: Associations with Maternal Sensitivity and Executive Function**
Source: Ohio State University Food Innovation Center (seed grant)
Role: Co-Investigator/Sarah Keim (PI)
Goals: Collect preliminary data on mealtime behaviors, maternal responsiveness, self-regulation, and executive function in preschool children born very preterm.
Period of support: 4/15/13 – 4/14/14
Total costs: \$25,000

Title: **Diet, Activity and Obesity in Children with Autism**
Source: NIH/NICHD (R21HD048989)
Role: Co-Investigator / Linda Bandini, PhD (PI)
Goals: To understand novel risk factors for obesity, such as food selectivity, in children with autism.
Period of support: 5/1/06-4/30/08

Title: **Obesity and Psychopathology: A Longitudinal Study of Youth**
Source: NIH/NIDDK (R21DK064254)
Role: Graduate Student/Data Analyst /Aviva Must, PhD (PI)
Goals: To assess bidirectional associations between relative weight and psychopathology from childhood through adulthood.
Period of support: 4/1/04-3/31/07

BIBLIOGRAPHY

Peer Reviewed Publications

*# Mentored Student

1. Watowicz RP, Wexler RK, Weiss R, **Anderson SE**, Darragh AR, Taylor CA. Nutrition counseling for hypertension within a grocery store: an example of the patient-centered medical neighborhood model. *Journal of Nutrition Education and Behavior* 2019; 51(2):129-137.e1.
2. Zvara B, Keim S, Boone K, **Anderson SE**. Associations between parenting behavior and executive function among preschool-aged children born very preterm. *Early Childhood Research Quarterly* 2019; 48:317-324. doi: 10.1016/j.ecresq.2019.01.012
3. **Anderson SE**, Whitaker RC. Association of self-regulation with obesity in boys vs girls in a US national sample. *JAMA Pediatrics* 2018; 172(9):842-850. doi:10.1001/jamapediatrics.2018.1413
4. Hodges NL, McKenzie LB, **Anderson SE**, Katz ML. Exploring lactation consultant views on infant safe sleep. *Maternal and Child Health Journal* 2018; 22(8):1111-1117. doi:10.1007/s10995-018-2495-0

5. Gerritsen SC, **Anderson SE**, Morton S, Wall C. Pre-school nutrition-related behaviours at home and early childhood education services: findings from the Growing Up in New Zealand longitudinal study. *Public Health Nutrition* 2018; 21(7):1222-1231. doi:10.1017/S1368980017004116
6. Hodges NL, **Anderson SE**, McKenzie LB, Katz ML. Infant safe sleep: a survey of the knowledge, attitudes, and behaviors of obstetric physicians. *Journal of Community Health* 2018; 43(3):488-495. doi:10.1007/s10900-017-0441-5
7. Hodges NL, **Anderson SE**, McKenzie LB, Katz ML. Certified nurse midwives' knowledge, attitudes, and behaviors about infant safe sleep. *Journal of Midwifery & Women's Health* 2018; 63:196-204. doi:10.1111/jmwh.12706
8. **Anderson SE**, Sacker A, Whitaker RC, Kelly Y. Self-regulation and household routines at age three and obesity at age eleven: longitudinal analysis of the UK Millennium Cohort Study. *International Journal of Obesity* 2017; 41:1459-1466. doi:10.1038/ijo.2017.94
9. Tumin R^{*14}, **Anderson SE**. Television, home-cooked meals, and family meal frequency: associations with adult obesity. *Journal of the Academy of Nutrition and Dietetics* 2017; 117(6):937-945. doi:10.1016/j.jand.2017.01.009
10. Bandini LG, Curtin C, Phillips S, **Anderson SE**, Maslin M, Must A. Changes in food selectivity in children with autism spectrum disorder. *Journal of Autism and Developmental Disorders* 2017; 47(2):439-446. doi:10.1007/s10803-016-2963-6
11. Rogers C^{*13}, **Anderson SE**, Dollahite JS, Hill TF, Holloman C, Miller CK, Pratt KJ, Gunther C. Methods and design of a 10-week multi-component family meals intervention: a two group quasi-experimental effectiveness trial. *BMC Public Health* 2017; 17:50. doi:10.1186/s12889-016-3908-x
12. **Anderson SE**, Andridge R, Whitaker RC. Bedtime in preschool-aged children and risk for adolescent obesity. *Journal of Pediatrics* 2016; 176:17-22. doi:10.1016/j.jpeds.2016.06.005
13. **Anderson SE**, Ramsden M^{*12}, Kaye G. Diet qualities: healthy and unhealthy aspects of diet quality in preschool children. *American Journal of Clinical Nutrition* 2016; 103(6):1507-1513. doi:10.3945/ajcn.115.128454
14. Orellana RC^{*11}, Hoet AE, Bell C, Kelley C, Lu B, **Anderson SE**, Stevenson KB. Methicillin-resistant *Staphylococcus aureus* in Ohio EMS providers: a statewide cross-sectional study. *Prehospital Emergency Care* 2016; 20(2):184-190. doi:10.3109/10903127.2015.1076098
15. Tumin R^{*10}, **Anderson SE**. The epidemiology of family meals among Ohio's adults. *Public Health Nutrition* 2015; 18(8):1474-1481. doi:10.1017/S1368980014001773
16. Newman SL^{*9}, Tumin R^{*8}, Andridge R, **Anderson SE**. Family meal frequency and association with household food availability in United States multi-person households: National Health and Nutrition Examination Survey 2007-2010. *PLoS One* 2015; 10(12):e0144330. doi:10.1371/journal.pone.0144330
17. **Anderson SE**, McNamara K, Andridge R, Keim SA. Executive function and mealtime behavior among preschool-aged children born very preterm. *Eating Behaviors* 2015; 19:110-114. doi:10.1016/j.eatbeh.2015.07.006

18. Watowicz RP, **Anderson SE**, Kaye GL, Taylor CA. Energy contribution of beverages in US children by age, weight, and consumer status. *Childhood Obesity* 2015; 11(4):475-483. doi:10.1089/chi.2015.0022
19. Curtin C, Hubbard K, **Anderson SE**, Mick EO, Must A, Bandini LG. Food selectivity, mealtime behavior problems, spousal stress, and family food choices in children with and without autism spectrum disorder. *Journal of Autism and Developmental Disorders* 2015; 45(10):3308-3315. doi:10.1007/s10803-015-2490-x
20. **Anderson SE**, Kaye G, Andridge R, Smathers C, Peng J, Pirie P. Interrelationships of more healthful and less healthful aspects of diet quality in a low-income community sample of preschool-aged children. *Maternal Child Health Journal* 2015; 19(12):2663-2672. doi:10.1007/s10995-015-1788-9
21. Hubbard KL, **Anderson SE**, Curtin C, Must A, Bandini LG. A comparison of food refusal related to characteristics of food in children with autism spectrum disorder and typically developing children. *Journal of the Academy of Nutrition and Dietetics* 2014; 114(12):1981-1987. doi:10.1016/j.jand.2014.04.017
22. Hauser SI, Economos CD, Nelson ME, Goldberg JP, Hyatt RR, Naumova EN, **Anderson SE**, Must A. Household and family factors related to weight status in first through third graders: a cross-sectional study in Eastern Massachusetts. *BMC Pediatrics* 2014; 14:167. doi:10.1186/1471-2431-14-167
23. Must A, Phillips SM, Curtin C, **Anderson SE**, Maslin M, Lividini K, Bandini LG. Comparison of sedentary behaviors between children with autism spectrum disorders and typically developing children. *Autism* 2014; 18(4):376-384. doi:10.1177/1362361312437416
24. Fletcher EN^{*7}, Whitaker RC, Marino AJ, **Anderson SE**. Screen time at home and school among low-income children attending Head Start. *Child Indicators Research* 2014; 7(2):421-436. doi:10.1007/s12187-013-9212-8
25. **Anderson SE**, Lemeshow S, Whitaker RC. Maternal-infant relationship quality and risk of obesity at age 5.5 years in a national US cohort. *BMC Pediatrics* 2014; 14:54. doi:10.1186/1471-2431-14-54
26. Stoner AM^{*6}, **Anderson SE**, Buckley, TJ. Ambient air toxics and asthma prevalence among a representative sample of US kindergarten-age children. *PLoS ONE* 2013; 8(9):e75176. doi:10.1371/journal.pone.0075176
27. Byrd HCM^{*5}, Curtin C, **Anderson SE**. Attention-Deficit/Hyperactivity Disorder and obesity in US males and females, age 8-15 years: National Health and Nutrition Examination Survey 2001-2004. *Pediatric Obesity* 2013; 8(6):445-453. doi:10.1111/j.2047-6310.2012.00124.x
28. Bandini LG, Gleason J, Curtin C, Lividini K, **Anderson SE**, Cermak SA, Maslin M, Must A. Comparison of physical activity between children with autism spectrum disorders and typically developing children. *Autism* 2013; 17(1):44-54. doi:10.1177/1362361312437416
29. Dotson JL, Nwomeh B, Andridge R, **Anderson SE**, Crandall WV. Variation in management of intra-abdominal abscesses in children with Crohn's Disease. *Inflammatory Bowel Diseases* 2013; 19(4):818-825. doi:10.1097/MIB.0b013e3182802a1f

30. Lytle LA, Murray DM, Laska MN, Pasch KE, **Anderson SE**, Farbakhsh K. Examining the longitudinal relationship between change in sleep and obesity risk in adolescents. *Health Education & Behavior* 2013; 40(3):362-370. doi:10.1177/1090198112451446
31. Marino AJ^{*4}, Fletcher EN^{*3}, Whitaker RC, **Anderson SE**. Amount and environmental predictors of outdoor playtime at home and school: a cross sectional analysis of a national sample of preschool-aged children attending Head Start. *Health and Place* 2012; 18(6):1224-1230. doi:10.1016/j.healthplace.2012.08.004
32. **Anderson SE**, Must A, Curtin C, Bandini LB. Meals in Our Household: reliability and initial validation of a questionnaire to assess child mealtime behaviors and family mealtime environments. *Journal of the Academy of Nutrition and Dietetics* 2012; 112(2):276-284. doi:10.1016/j.jada.2011.08.035
33. **Anderson SE**, Gooze RA^{*2}, Lemeshow S, Whitaker RC. Quality of early maternal-child relationship and risk of adolescent obesity. *Pediatrics* 2012; 129(1):132-140. doi:10.1542/peds.2011-0972
34. Evans EW, Must A, **Anderson SE**, Curtin C, Scampini R, Maslin M, Bandini L. Dietary patterns and body mass index in children with autism and typically developing children. *Research in Autism Spectrum Disorders* 2012; 6(1):399-405. doi:10.1016/j.rasd.2011.06.014
35. Gooze RA^{*1}, **Anderson SE**, Whitaker RC. Prolonged bottle use and obesity in US children at 5.5 years of age. *Journal of Pediatrics* 2011; 159(3):431-436. doi:10.1016/j.jpeds.2011.02.037
36. **Anderson SE**, Whitaker RC. Attachment security and obesity in US preschool-aged children. *Archives of Pediatrics and Adolescent Medicine* 2011; 165(3):235-242. doi:10.1001/archpediatrics.2010.292
37. **Anderson SE**, Murray DM, Johnson CC, Elder JP, Lytle LA, Jobe JB, Saksvig BI, Stevens J. Obesity and depressed mood associations differ by race/ethnicity in adolescent girls. *International Journal of Pediatric Obesity* 2011; 6(1):69-78. doi:10.3109/17477161003728477
38. Pagoto SL, Curtin C, Bandini LG, **Anderson SE**, Schneider KL, Bodenlos JS, Ma Y. Weight loss following a clinic-based weight loss program among adults with attention deficit/hyperactivity disorder symptoms. *Eating and Weight Disorders* 2010; 15(3):e166-e172.
39. Bandini LG, **Anderson SE**, Curtin C, Cermak S, Evans EW, Scampini R, Maslin M, Must A. Food selectivity in children with autism spectrum disorders and typically developing children. *Journal of Pediatrics* 2010; 157(2):259-264.
40. **Anderson SE**, Xin H, Schoppe-Sullivan S, Must A. Externalizing behavior in early childhood and body mass index from age 2 to 12 years: longitudinal analyses of a prospective cohort study. *BMC Pediatrics* 2010; 10:49.
41. **Anderson SE**, Whitaker RC. Household routines and obesity in US preschool-aged children. *Pediatrics* 2010; 125(3):420-428. doi: 10.1542/peds.2009-0417
42. Curtin C, **Anderson SE**, Must A, Bandini LB. The prevalence of obesity in children with autism: a secondary data analysis using nationally representative data from the National Survey of Children's Health. *BMC Pediatrics* 2010; 10:11.
43. **Anderson SE**, Whitaker RC. Prevalence of obesity among US preschool children in different racial and ethnic groups. *Archives of Pediatrics and Adolescent Medicine* 2009; 163(4):344-348.

44. **Anderson SE**, Economos CD, Must A. Active play and screen time in US children aged 4 to 11 years in relation to sociodemographic and weight status characteristics: a nationally representative cross-sectional analysis. *BMC Public Health* 2008; 8:366.
45. Bandini LG, Must A, Naumova EN, **Anderson SE**, Caprio S, Spadano-Gasbarro JL, Dietz WH. Change in leptin, body composition and other hormones around menarche – a visual representation. *Acta Paediatrica* 2008; 97(10):1454-1459.
46. **Anderson SE**, Cohen P, Naumova EN, Jacques PF, Must A. Adolescent obesity and risk for subsequent major depressive disorder and anxiety disorder: prospective evidence. *Psychosomatic Medicine* 2007; 69(8):740-747.
47. **Anderson SE**, Cohen P, Naumova EN, Must A. Relationship of childhood behavior disorders to weight gain from childhood into adulthood. *Ambulatory Pediatrics* 2006; 6(5):297-301.
48. **Anderson SE**, Cohen P, Naumova EN, Must A. Association of depression and anxiety disorders with weight change in a prospective community-based study of children followed up into adulthood. *Archives of Pediatrics and Adolescent Medicine* 2006; 160(3):285-291.
49. Must A, **Anderson SE**. Body mass index in children and adolescents: considerations for population-based applications. *International Journal of Obesity* 2006; 30(4):590-594.
50. **Anderson SE**, Bandini LG, Must A. Child temperament does not predict adolescent body composition in girls. *International Journal of Obesity* 2005; 29(1):47-53.
51. **Anderson SE**, Must A. Interpreting the continued decline in the average age at menarche: results from two nationally representative surveys of US girls studied 10 years apart. *Journal of Pediatrics* 2005; 147(6):753-760.
52. **Anderson SE**, Bandini LG, Dietz WH, Must A. Relationship between temperament, non-resting energy expenditure, body composition, and physical activity in girls. *International Journal of Obesity* 2004; 28(2):300-306.
53. Bandini LG, Must A, Cyr, H, **Anderson SE**, Spadano JL, Dietz WH. Longitudinal changes in the accuracy of reported energy intake in girls 10-15 y of age. *American Journal of Clinical Nutrition* 2003; 78(3):480-484.
54. **Anderson SE**, Dallal GE, Must A. Relative weight and race influence average age at menarche: results from two nationally representative surveys of US girls studied 25 years apart. *Pediatrics* 2003; 111(4):844-850.

Manuscripts Undergoing Peer Review

55. Krupsky KL*, Andridge RR, **Anderson SE**. Residential mobility in early childhood and obesity at 5.5 years of age among U.S. children. Submitted to *Pediatric Obesity*.
56. Weber ZA*, Shoben A, **Anderson SE**. Impact of life events on short term change in BMI in early and middle childhood. Submitted to *International Journal of Obesity*.
57. Bergmeier H, Paxton PJ, Milgrom J, **Anderson SE**, Baur L, Hill B, Lim S, Green R, Skouteris H. Early mother-child dyadic pathways to childhood obesity risk: a conceptual model. Submitted to *Appetite*.

Invited Reviews, Book Chapters

1. Salsberry P, Tanda R, **Anderson SE**, Kamboj MK. Pediatric Type 2 Diabetes: prevention and treatment through a life course health development framework. In: *The Handbook of Life Course Health Development*. Ed. Halfon N, Forrest C, Lerner R, Faustman E. Springer International Publishing; 2018: 197-236.
2. **Anderson, SE**, Keim, SA. Parent-child interaction, self-regulation and obesity prevention in early childhood. *Current Obesity Reports* 2016; 5(2):192-200. doi:10.1007/s13679-016-0208-9
3. Must A, **Anderson SE**. Childhood obesity: definition, classification and assessment. In: *Clinical Obesity in Adults and Children*. 3rd edition. Ed. Kopelman PG, Caterson ID, Dietz WH. Hoboken, NJ: Wiley-Blackwell; 2009: 375-391.
4. Must A, **Anderson SE**. Childhood obesity: definition, classification and assessment. In: *Clinical Obesity in Adults and Children*. 2nd edition. Ed. Kopelman PG, Caterson ID, Dietz WH. Malden, MA: Blackwell Publishing; 2005: 215-230.
5. Must A, **Anderson SE**. Effects of obesity on morbidity in children and adolescents: emerging issues. *Progress in Obesity Research* 2003; 9:684-692. Reprinted with permission in: *Nutrition in Clinical Care* 2003; 6:4-12.

Published Abstracts (peer-reviewed)

1. Chavez SJ, Chavez RS, Wagner D, Anderson SE. Neural phenotype of obesity: a population-based predictive modeling approach. *Social and Affective Neuroscience Society Program 2019*. B-55.
2. Anderson SE, Whitaker RC. Understanding gender-differences in the association of toddler self-regulation with obesity at kindergarten-age. *SRCD 2019 Biennial Meeting*. Symposium 1-037 - Developmental influences on cardiometabolic risk in the early lifespan.
3. Zvara BJ, Anderson SE. Interparental conflict in early childhood: prospective associations with obesity risk and parenting behaviors. *SRCD 2019 Biennial Meeting*. Poster session 08 – 2-163- 94.
4. Krupsky K, Anderson SE. Residential mobility and obesity among US kindergarten-aged children. *The Obesity Society 2018 Obesity Week Conference*. T-P-3571.
<https://2018.obesityweek.com/abstract/residential-mobility-and-obesity-among-us-kindergarten-aged-children/>
5. Weber Z, Shoben A, Anderson SE. Impact of life events on change in BMI in early and middle childhood. *The Obesity Society 2018 Obesity Week Conference*. T-OR-2053.
<https://2018.obesityweek.com/abstract/impact-of-life-events-on-change-in-bmi-in-early-and-middle-childhood/>
6. Anderson SE, Zvara BJ. Factors contributing to continuity and discontinuity in parent-child relationship quality across three generations. *SRCD 2018 Special Topic Meeting: DEVSEC: Conference on the Use of Secondary and Open Source Data in Developmental Science*. 2-001-18.
https://www.srkd.org/sites/default/files/documents/devsec_program_guide.pdf
7. Anderson SE, Grant C, Morton S. Stability and change in early childhood eating, sleeping, and video-viewing in relation to risk for obesity: longitudinal analyses of the Growing Up in New Zealand cohort. *SLLS Annual International Conference 2018*. Abstract Book 84-85.
https://docs.wixstatic.com/ugd/df1448_58b83840883c4fe89dcc1bf7d4822bbe.pdf

8. Anderson SE, Sacker A, Kelly Y. Aspects of self-regulation in 3-year-olds in relation to parenting routines and risk for obesity at age 11 in the Millennium Cohort Study. *SLLS Annual International Conference 2016 Abstract Book* 94-95.
https://docs.wixstatic.com/ugd/df1448_eea36cb36ba14b598d47e2ad71f2742b.pdf
9. Curtin C, Phillips S, Must A, Anderson SE, Bandini LG. Mealtime behavior problems and spousal stress among children with ASD. *International Meeting for Autism Research (IMFAR) 2016*;
<https://imfar.confex.com/imfar/2016/webprogram/Paper22343.html>
10. Bandini LG, Curtin C, Phillips S, Anderson SE, Must A. Changes in food selectivity over 6 years in children with Autism Spectrum Disorder. *International Meeting for Autism Research (IMFAR) 2016*; <https://imfar.confex.com/imfar/2016/webprogram/Paper22341.html>
11. Koski E, Wolf K, Anderson SE, Nahiakian-Nelms ML. The relationship between parent perceptions of preschooler mealtime behaviors and diet variety. *Journal of the Academy of Nutrition and Dietetics* 2015; 15(9): A79.
12. Bentley MA, Anderson SE, Shoben AB, Crowe RP, Foraker RE. A national assessment of cardiovascular health among EMS professionals. *The National Association of EMS Physicians (NAEMSP)*; Abstract 52. *Prehospital Emergency Care* 2015; 19(1):152.
13. Orellana R, Hoet A, Lu B, Anderson SE, Stevenson KB. Methicillin-resistant *Staphylococcus aureus* in Ohio EMS providers: a statewide-cross sectional study. *ID Week 2014*; Abstract 42.304.
14. Keim S, McNamara K, Anderson SE. Mealtime behavior problems in preschool-aged children born preterm: prevalence and associations with ADHD and parent use of food as a reward. *Society for Epidemiologic Research/Society for Pediatric and Perinatal Epidemiologic Research 2014*; Abstract 164.
15. Anderson, SE, McNamara K, Andridge R, Keim S. Mealtime behavior problems in relation to self-regulation: findings from the Pre-K Picnic Study of preschool-aged children born very preterm. *Society for Epidemiologic Research/Society for Pediatric and Perinatal Epidemiologic Research 2014*; Abstract 165.
16. Liu S, Pirie P, Smather C, Leser K, Anderson SE. Family routines around sleep, meals, and screen-viewing in relation to obesity among low-income, urban, preschool-age children Central Ohio. *The Obesity Society 2013*; Abstract T-572-P.
17. Tumin, R. Anderson SE. Epidemiology of family meals in Ohio: Comparing families with children to adult-only families. *American Public Health Association 2013*; Abstract 283075.
18. Bandini LG, Curtin C, Anderson SE, Must A. Food as reward and weight status in children with autism spectrum disorders. *The FASEB Journal* 2013; 27:1063.11.
19. Anderson SE, Lemeshow S, Whitaker RC. Mother-infant interactions at 9 months of age predict obesity risk at age 5.5 years. *Obesity 2012 Annual Scientific Meeting Abstracts*; 81-OR.
20. Dotson JL, Nwomeh B, Andridge R, Anderson SE. Variation in management of intra-abdominal abscesses in children with Crohn's Disease. *Gastroenterology* 2012; 142: S371.
21. Bandini LG, Curtin C, Anderson SE, Scampini R, Cermack S, Maslin M, Must A. The relationship of oral sensory sensitivity to variety of fruits and vegetables eaten by children with autism spectrum disorders and typically developing. *Journal of the American Dietetic Association* 2010; 110:A15.
22. Gooze RA, Whitaker RC, Anderson SE. Bedtime bottle use at 24 months of age and risk for obesity 2 years later in a national study of US children. *Obesity* 2010; 18(Sup 2):S185-S186.

23. Bandini LG, Curtin C, Anderson SE, Must A. Food selectivity and mealtime behavior in children with autism spectrum disorders. *Proceedings from the 43rd Gatlinburg Conference on Research & Theory in Intellectual & Developmental Disabilities* 2010.
24. Curtin C, Anderson SE, Must A, Bandini L. The prevalence of obesity in children with autism: A secondary data analysis using nationally representative data from the National Survey of Children's Health. *International Society for Autism Research* 2009; <http://imfar.confex.com/imfar/2009/webprogram/Paper3750.html>.
25. Bandini L, Gleason J, Curtin C, Anderson SE, Cermak S, Maslin M, Must A. Physical activity and screen time in children with autism spectrum disorders. *International Society for Autism Research* 2009; <http://imfar.confex.com/imfar/2009/webprogram/Paper3757.html>.
26. Bandini L, Anderson SE, Curtin C, Cermak S, Evans EW, Scampini R, Maslin M, Must A. Food selectivity and sensory issues in children with autism spectrum disorders. *International Society for Autism Research* 2009; <http://imfar.confex.com/imfar/2009/webprogram/Paper3752.html>.
27. Must A, Anderson SE, Naumova E. Growth over childhood and mortality from breast and ovarian cancer. *Obesity* 2008; 16(Sup1):S92.
28. Irish-Hauser S, Economos C, Nelson M, Goldberg J, Hyatt R, Anderson SE, Must A. Household characteristics and ethnicity in relation to weight status in 1st-3rd graders. *Obesity* 2008; 16(Sup1):S310.
29. Bandini L, Anderson SE, Curtin C, Must A. Dietary risk factors for overweight among children with autism spectrum disorders and typically developing children. *Obesity* 2008; 16(Sup1):S201.
30. Anderson SE, Murray D, Johnson C, Elder J, Lytle LA, Jobe J, Saksvig B, Stevens J. Race/ethnicity differences in association of obesity and depressive symptoms in middle school girls assessed in 6th and 8th grade. *Obesity* 2008; 16(Sup1):S94.
31. Tybor D, Kwan HCK, Anderson SE, Must A. Cartograms of obesity prevalence in the United States 2006. *Obesity Research* 2007; 15(9):A172-A173.
32. Must A, Anderson SE, Naumova EN. Growth over childhood and ischemic heart disease mortality in men. *American Journal of Epidemiology* 2007; 11:165-S129.
33. Gleason J, Bandini L, Must A, Curtin C, Anderson SE, Fleming R. Compliance and feasibility of accelerometry to estimate physical activity in adolescents with intellectual disabilities. *Obesity Research* 2007; 15(9):A69.
34. Anderson SE, Naumova EN, Must A. Early childhood behavior problems and body mass index from age 2 to 12 y. *American Journal of Epidemiology* 2007; 165(11):S19.
35. Anderson SE, Must A, Curtin C, Bandini L. Meals in Our Household: development and evaluation of a questionnaire to assess child mealtime behavior within the context of families. *Obesity Research* 2007; 15(9):A228.
36. Anderson SE, Cohen P, Naumova E, Jacques P, Must A. Adolescent obesity and risk for subsequent major depressive disorder and anxiety disorder in a community-based prospective cohort followed for 20 years. *Obesity Research* 2006; 14(9):A26.
37. Anderson SE, Cohen P, Must A. Do large gains in relative weight increase risk for depression and anxiety disorders? *Obesity Research* 2005; 13:A95.
38. Anderson SE, Bandini L, Must A. Degree of stability in BMI z-score trajectories in girls over adolescence. *Obesity Research* 2004; 12:A150-A151.
39. Anderson SE, Cohen P, Must A. Psychological consequences of adolescent obesity. *Obesity Research* 2004; 12:A197.

40. Anderson SE, Cohen P, Must A. Associations between childhood psychopathology and relative weight in young adulthood. *Obesity Research* 2003; 11:A12-A13.
41. Anderson SE, Bandini L, Must A. Longitudinal associations of child activity temperament with body composition in girls. *Obesity Research* 2003; 11:A130.
42. Bandini LG, Spadano JL, Anderson SE, Cyr H, Must A. Longitudinal changes in dietary reporting accuracy during adolescence in girls. *FASEB Journal* 2001; 15(5):A988.
43. Anderson SE, Bandini LG, Spadano JL, Dietz WH, Must A. Does child temperament contribute to non-resting energy expenditure? *Obesity Research* 2001; 9:58S.
44. Anderson SE, Dallal GE, Must A. The effect of overweight and race on age at menarche in a representative sample of US girls. *Paediatric and Perinatal Epidemiology* 2001; 15(4):A2.

PRESENTATIONS

Invited Presentations (not peer-reviewed)

International

- 2016, Apr 27. Could promoting positive parent-child interactions help prevent childhood obesity? Epidemiologic evidence from two U.S. cohort studies. *Centre for Longitudinal Research seminar*, University of Auckland, NZ.
- 2016, Apr 20. Healthy and unhealthy aspects of diet quality in US preschool-aged children. *Auckland Nutrition Research Network*, University of Auckland, NZ.
- 2016, Apr 13. Maternal-child relationship quality and risk for obesity throughout childhood. *Starship paediatric update forum*, Starship Children's Hospital, University of Auckland, NZ.
- 2015, Oct 13. Longitudinal investigations of parent-child interaction in early childhood and risk for later obesity. *ESRC International Centre for Lifecourse Studies in Society and Health, Quarterly Centre Research Day*, University College London, UK.

National

- 2014, Oct 30. Maternal-child relationship quality and risk for obesity throughout childhood: two prospective cohort-studies. *Child Health Research Center Seminar*, Nationwide Children's Hospital. Columbus OH.
- 2012, Dec 3. Pathways from biology to public health. *Department of Biology Seminar*. Vassar College, Poughkeepsie, NY. Skype presentation.
- 2012, Apr 2. Early maternal-child relationships and risk for childhood obesity: evidence from two epidemiologic studies. *Sargent College Seminar*. Boston University, Boston, MA.
- 2010, Sept 14. Preventing childhood obesity: stress response and the developing brain. *Department of Biology Seminar*. Vassar College, Poughkeepsie, NY.
- 2003, Jun 17. Early menarche as an outcome of childhood obesity: health implications. *1st V.I. WIC Conference on Childhood Obesity*. St. Thomas, US Virgin Islands.

Local

- 2017**, Feb 1. Quality of mother-toddler relationships and risk for obesity. *Crane Center for Early Childhood Research and Policy, The Ohio State University, Columbus OH.*
- 2016**, Oct 11. A tale of 2 birth cohorts: UK Millennium Cohort Study and Growing Up in New Zealand. *Institute for Population Research Seminar, The Ohio State University, Columbus, OH.*
- 2014**, Oct 24. Maternal-child relationship quality and risk for obesity throughout childhood. *HN/OSUN/AS nutrition seminar, The Ohio State University, Columbus, OH.*
- 2009**, Oct 30. Childhood obesity: racial and ethnic disparities. *Kirwan Institute, The Ohio State University, Columbus, OH.*
- 2007**, Sept 21. Psychological antecedents of obesity: effects of depression and anxiety disorders on childhood to adulthood relative weight trajectories. *Human Nutrition Research Seminar, The Ohio State University, Columbus, OH.*

Peer-Reviewed Presentations (selected)

Understanding gender-differences in the association of toddler self-regulation with obesity at kindergarten-age. *Society for Research in Child Development Biennial Meeting*. March 2019; Baltimore, MD. Oral presentation in paper symposium (Developmental influences on cardiometabolic risk in the early lifespan).

Factors contributing to continuity and discontinuity in parent-child relationship quality across three generations. *SRCD 2018 Special Topic Meeting: DEVSEC: Conference on the Use of Secondary and Open Source Data in Developmental Science*. October 2018. Phoenix, Arizona. Poster presentation.

Stability and change in early childhood eating, sleeping, and video-viewing in relation to risk for obesity: longitudinal analyses of the Growing Up in New Zealand Cohort. *Society for Longitudinal and Lifecourse Studies*. July 2018; Milan, Italy. Oral presentation.

Maternal responsiveness, toddler self-regulation & bedtime routines: influences on obesity at age 5.5 years in a national sample. *Society for Research in Child Development Biennial Meeting*. April 2017; Austin, TX. Poster presentation.

Aspects of self-regulation in 3-year-olds in relation to parenting routines and risk for obesity at age 11 in the Millennium Cohort Study. *Society for Longitudinal and Lifecourse Studies*. October 2016; Bamberg, Germany. Oral presentation.

Context and early life: a developing story. *Society for Longitudinal and Lifecourse Studies*. October 2015; Dublin, Ireland. Symposium presentation with Pamela Salsberry.

Mealtime behavior problems in relation to self-regulation: findings from the Pre-K Picnic Study of preschool-aged children born very preterm. *Society for Epidemiologic Research/Society for Pediatric and Perinatal Epidemiologic Research*. June 2014; Seattle. Poster presentation.

Mother-infant interactions at 9 months of age predict obesity risk at age 5.5 years. *The Obesity Society*. September 2012; San Antonio. Oral presentation.

Bedtime bottle use at 24 months of age and risk for obesity 2 years later in a national study of US children. *The Obesity Society*. October 2010; San Diego. Poster presentation.

Race/ethnicity differences in association of obesity and depressive symptoms in middle school girls assessed in 6th and 8th grade. *The Obesity Society*. October 2008; Phoenix. Oral presentation.

Meals in Our Household: development and evaluation of a questionnaire to assess child mealtime behavior within the context of families. *The Obesity Society*. October 2007; New Orleans. Poster presentation.

Early childhood behavior problems and body mass index from age 2 to 12 years. *Society for Epidemiologic Research*. June 2007; Boston. Poster presentation.

Active play and sedentary behavior in US children ages 4 to 11 years: The National Health and Nutrition Examination Survey 2001-2004. *International Society for Behavioral Nutrition and Physical Activity*. July 2006; Boston. Poster presentation.

Adolescent obesity and risk for subsequent major depressive disorder and anxiety disorder in a community-based prospective cohort followed for 20 years. *NAASO: The Obesity Society*. October 2006; Boston. Oral presentation. Ethan Sims Award finalist.

Do large gains in relative weight increase risk for depression and anxiety disorders? *NAASO: The Obesity Society*. October 2005; Vancouver. Poster presentation.

Degree of stability in BMI z-score trajectories in girls over adolescence. *North American Association for the Study of Obesity*. November 2004; Las Vegas. Poster presentation.

Psychological consequences of adolescent obesity. *North American Association for the Study of Obesity*. November 2004; Las Vegas. Poster presentation.

Longitudinal associations of child activity temperament with body composition in girls. *North American Association for the Study of Obesity*. October 2003; Ft Lauderdale. Poster presentation.

Associations between childhood psychopathology and relative weight in young adulthood. *North American Association for the Study of Obesity*. October 2003; Ft Lauderdale. Oral presentation.

Does child temperament contribute to non-resting energy expenditure? *North American Association for the Study of Obesity*. October 2001; Quebec City. Oral presentation.

The effect of overweight and race on age of menarche in a representative survey of US girls. *Society for Pediatric Epidemiologic Research*. June 2001; Toronto. Poster presentation.

TEACHING

Courses Taught

The Ohio State University, College of Public Health, Columbus, Ohio (2008-current)				
Course	Title	Most recent	Times taught	Class size
PUBH-EPI-6410	<i>Principles of Epidemiology (online)</i>	Fall 2019	Fall 2018, 2017, 2016	38-45
PUBH-EPI-6431	<i>Design and Implementation of Health Surveys</i>	Spring 2015	Spring 2015, 2014, 2013; Winter 2012, 2011, 2010, 2009	25-35

PUBH-EPI-8411	<i>Epidemiology of Obesity</i>	Spring 2019	2017; Fall 2014, 2013, 2012, 2011; Spring 2008, 2009	8-15
PUBH-EPI-8899	<i>PhD Research Seminar</i>	Fall 2019	2018, 2017, 2019	6-12
PUBH-HBP-8899	<i>Grant Writing for PhD Students</i>	Fall 2014	Fall 2014	8
Tufts University, School of Medicine, Boston, Massachusetts (2005-2007)				
Course	Title	Most recent	Times taught	Class size
MPH 265	<i>Introduction to SAS Programming.</i>	Summer 2007	Summer 2007, 2006, 2005	18-25
MPH 259	<i>Fundamentals of Biostatistics</i>	Spring 2007	Spring 2007	30
MPH 222	<i>Survey Research Methods & Data Management (Co-instructor)</i>	Fall 2006	Fall 2006, 2005 Spring 2005	18-24

SERVICE

INTERNATIONAL RESPONSIBILITIES

- 2019- External examiner for doctoral thesis. The University of Melbourne, Australia
 2018- Editorial board member (Public Health), *Scientific Reports*, a Nature Research Journal
 2017 Grant reviewer, NORFACE Dynamics Across the Life-course (DIAL) programme. Netherlands Organisation for Scientific Research
 2013-2016 External examiner for doctoral theses. Deakin University, Australia

NATIONAL RESPONSIBILITIES

- 2013 Abstract reviewer, Head Start 12th National Research Conference on Early Childhood
 2010 Peer reviewer, USDA Food Assistance and Nutrition Research Program, Competitive Grants and Cooperative Agreements Program
 2010 Abstract reviewer, The Obesity Society Annual Scientific Meeting

LOCAL RESPONSIBILITIES

- 2009- 2013 Member. Columbus Public Health Obesity Prevention Initiative, Columbus, OH.
 2008- 2011 Member, Advisory Board. Happy Healthy Preschoolers Program, Columbus, OH.

INSTITUTIONAL RESPONSIBILITIES

- 2013- Epidemiology Division Representative, CPH Graduate Studies Committee. The Ohio State University, College of Public Health, Columbus, OH
 2013- Member, Food Innovation Center. The Ohio State University, Columbus OH
 2014- Member, Institute for Population Research, The Ohio State University, Columbus OH
 2017-2018 Member, Biostatistics Faculty Search Committee. The Ohio State University, College of Public Health, Columbus, OH

2014-2015	Faculty Judge, Denman Undergraduate Research Forum, The Ohio State University, Columbus OH
2013-2015	Member, Epidemiology Admissions Committee, The Ohio State University, College of Public Health, Columbus, OH
2012-2015	Member, Search Committee for Epidemiology Division Chair. The Ohio State University, College of Public Health, Columbus, OH
2010-2013	Chair, Epidemiology PhD Qualifying Examination Committee. The Ohio State University, College of Public Health, Columbus, OH
2009-2010	Member, Search Committee for Cardiovascular Disease Epidemiology Faculty, The Ohio State University, College of Public Health, Columbus, OH
2008-2009	Member, Faculty Review Task Force. The Ohio State University, College of Public Health, Columbus, OH
2008-2009	Member, Awards committee. The Ohio State University, College of Public Health, Columbus, OH

MANUSCRIPT REVIEWER

Academic Pediatrics	Journal of Child Psychology & Psychiatry
American Journal of Epidemiology	Journal of Children and Media
Annals of Epidemiology	Journal of Obesity
Appetite	Journal of Developmental & Behavioral Pediatrics
Applied Developmental Science	Journal of Pediatrics
Archives of General Psychiatry	Journal of School Health
Archives of Pediatrics & Adolescent Medicine	Journal of the Academy of Nutrition & Dietetics
BMC Pediatrics	Longitudinal and Life Course Studies
BMC Public Health	Maternal and Child Health Journal
Canadian Medical Association Journal	Nutrition
Childhood Obesity	Obesity
Clinical Psychology Review	Paediatric and Perinatal Epidemiology
Early Childhood Research Quarterly	Pediatrics
International Journal of Obesity	Pediatric Obesity
JAMA Pediatrics	Preventative Medicine
Journal of Adolescent Health	Psychosomatic Medicine
Journal of Affective Disorders	Social Science & Medicine
Journal of Behavioral Medicine	

PROFESSIONAL MEMBERSHIPS

2013-	Society for Longitudinal and Life Course Studies
2007-	American Public Health Association
2003-2011	American Society for Nutrition
2001-	The Obesity Society, Fellow (2008)
2000-	Society for Epidemiologic Research

MEDIA

My research has been covered widely in domestic and international print, broadcast, and social media.

For examples see:



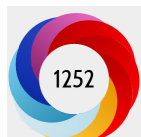
<https://www.altmetric.com/details/45097303>: Association of self-regulation with obesity in boys vs girls in a US national sample. *JAMA Pediatrics* 2018



<https://www.altmetric.com/details/19512736>: Self-regulation and household routines at age three and obesity at age eleven: longitudinal analysis of the UK Millennium Cohort Study. *International Journal of Obesity* 2017



<https://www.altmetric.com/details/16937752>: Television, home-cooked meals, and family meal frequency: associations with adult obesity. *Journal of the Academy of Nutrition and Dietetics* 2017



<https://www.altmetric.com/details/9744625>: Bedtime in preschool-aged children and risk for adolescent obesity. *Journal of Pediatrics* 2016



<https://www.altmetric.com/details/4977512>: Interrelationships of more healthful and less healthful aspects of diet quality in a low-income community sample of preschool-aged children. *Maternal Child Health Journal* 2015



<https://www.altmetric.com/details/215672>: Household routines and obesity in US preschool-aged children. *Pediatrics* 2010