

CURRICULUM VITAE
Elizabeth J. Mayer-Davis, MSPH, Ph.D., R.D.

PERSONAL INFORMATION

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Professional: 245 Rosenau Hall
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The University of North Carolina
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EDUCATION

1992 Ph.D. - University of California, Berkeley
Epidemiology
Dissertation title: Genetic and behavioral determinants of insulin concentrations in healthy twins.

1986 M.S.P.H.- University of Colorado School of Medicine
Public Health, with honors.
Thesis title: Insulin-dependent diabetes mellitus and breast-feeding history: a case-control study.

1980 B.S. - University of Tennessee
Dietetics, with honors.

PROFESSIONAL CREDENTIAL

1980 - Present Registered Dietitian

PROFESSIONAL EXPERIENCE

Academic:

2015- present Cary C. Boshamer Distinguished Professor of Nutrition and Medicine

2014 - present Chair
Department of Nutrition
School of Public Health and School of Medicine
University of North Carolina at Chapel Hill

2013 - 2014	Interim Chair Department of Nutrition School of Public Health and School of Medicine University of North Carolina at Chapel Hill
2012- 2013	Associate Chair for Administration Department of Nutrition School of Public Health and School of Medicine University of North Carolina at Chapel Hill
2009 - Present	Professor of Medicine (with tenure) Department of Medicine University of North Carolina at Chapel Hill
2008 - Present	Professor of Nutrition (with tenure) Department of Nutrition School of Public Health and School of Medicine University of North Carolina at Chapel Hill
2008 - Present	Adjunct Professor Department of Epidemiology and Biostatistics Arnold School of Public Health University of South Carolina
2005 - 2007	Associate Chair, Department of Epidemiology & Biostatistics, University of South Carolina, Columbia, SC
2004 - 2005	Special Volunteer NIH/NIDDK (sabbatical)
2003 - 2007	Director, Center for Research in Nutrition and Health Disparities, Arnold School of Public Health, University of South Carolina, Columbia, SC
2002 - 2007	Professor, Arnold School of Public Health (with tenure) Department of Epidemiology & Biostatistics, University of South Carolina, Columbia, SC
1997 - 2002	Associate Professor, Norman J Arnold School of Public Health, Department of Epidemiology & Biostatistics, University of South Carolina, Columbia, SC
1994 - 1997	Director, Nutrition Epidemiology Research and Applications Program Department of Public Health Sciences Bowman Gray School of Medicine of Wake Forest University, Winston-Salem, NC

- 1994 - 1997 Member, Graduate Faculty in Epidemiology
Wake Forest University Graduate School
- 1994 - 1997 Assistant Professor
Department of Public Health Sciences
Bowman Gray School of Medicine of Wake Forest University
- 1990 - 1993 Investigator, Division of Research
Kaiser Permanente Medical Group
The Permanente Medical Group, Inc.
Oakland, CA
- 1986 - 1989 Senior Research Assistant
Department of Preventive Medicine and Biometrics
University of Colorado School of Medicine
Denver, CO
- 1983 - 1986 Research Assistant
Department of Preventive Medicine and Biometrics
University of Colorado School of Medicine

Professional:

- 2009 - 2011 Consultant: expert opinion, diabetes epidemiology,
for GlaxoSmithKline Inc.
Phillips Lytle LLC
Buffalo, NY
- 1982 Clinical Dietitian
Saint Luke's Hospital of Kansas City, Missouri
- 1980 - 1982 Clinical Dietitian
ARA Services at North Kansas City Memorial Hospital
North Kansas City, Missouri

HONORS

- 2017 - Present Officer Emeritus, Heritage Council, American Diabetes Association
- 2017 Award for Excellence in Nutrition Education, American Society for
Nutrition (ASN)
- 2012 Delta Omega Faculty Award
Delta Omega Honorary Public Health Society - Theta Chapter
The University of North Carolina at Chapel Hill
- 2011 Rachmiel Levine Award for Service, American Diabetes Association

- 2011 - 2016 Appointed by President Barack Obama to serve on the Advisory Group on Prevention, Health Promotion and Integrative and Public Health
- 2011 President, Health Care and Education, American Diabetes Association
- 2010 President Elect, Health Care and Education, American Diabetes Association
- 2010 Planning Committee, CDC/NIDDK sponsored Conference on Surveillance of Childhood Diabetes
- 2009 Vice President, Health Care and Education, American Diabetes Association
- 2009 Planning Committee, NIH/CDC sponsored International Conference on Pediatric Diabetes Typology
- 2006 Carolina Distinguished Professor
- 2005 - Present American Diabetes Association Board of Directors
- 2004 Educational Foundation Award for Research in Health Sciences
University of South Carolina
- 2002 Research Award
Norman J. Arnold School of Public Health, University of South Carolina
- 1999 Fellow, American Heart Association
Council on Epidemiology and Prevention
- 1998 Delta Omega Society
Mu Chapter
- 1990 Regents Fellowship and Kaiser Fellowship for doctoral studies in Epidemiology.
University of California, Berkeley
- 1989 Genevieve McEnerney Fellowship and Kaiser Fellowship for doctoral studies in epidemiology.
University of California, Berkeley
- 1987 Epidemiology Student Prize, Epidemiology Research Exchange.
University of Colorado School of Medicine

BIBLIOGRAPHY

Chapters in Books:

1. Imperatore G, Mayer-Davis EJ, Orchard TJ, Zhong VW: Prevalence and incidence of type 1 diabetes among children and adults in the United States and comparison with non-U.S. countries. Chapter 2 in Diabetes in America, 3rd ed. Cowie CC, Casagrande SS, Menke A, Cissell MA, Eberhardt MS, Meigs JB, Gregg EW, Knowler WC, Barrett-Connor E, Becker DJ, Brancati FL, Boyko EJ, Herman WH, Howard BV, Narayan KMV, Rewers M, Fradkin JE, Eds. Bethesda, MD, National Institutes of Health, NIH Pub No. 17-1468, 2017, p. 2.1–2.17
2. Jaacks LM, Wylie-Rosett J, **Mayer-Davis EJ**. Chapter 49: Diabetes. In: Present Knowledge in Nutrition, 10th edition. Washington, DC: International Life Sciences Institute. [In press, June 2012]
3. Wojcik K, **Mayer-Davis EJ** Maternal Determinants of Childhood Obesity: Weight Gain, Smoking, and Breastfeeding. In: Pediatric Obesity – Etiology, Pathogenesis, and Treatment. Humana Press. 2010.
4. **Mayer-Davis EJ**, Dabelea D, Lawrence J, Meigs J, Teff K. Chapter 2: Risk Factors for Type 2 and Gestational Diabetes. In: Diabetes and Public Health: From Research to Policy Center for Disease Control (CDC). 2010.
5. **Mayer-Davis EJ**, Bishop FK. Chapter 17: Dietary Factors in Youth with Diabetes. In: The Epidemiology of Diabetes in Youth. Editors, Dana Dabelea and Georgeanna J. Klingensmith. Informa Healthcare, 2007. pp 277-292
6. **Mayer EJ**. Lifestyle for Diabetes Prevention. In: Core Curriculum for Diabetes Educators, 5th edition. American Association of Diabetes Educators. 2003.
7. Newman B, **Mayer EJ**, Selby JV. Risk factors for NIDDM: Evidence from twin studies. In: The Causes of Diabetes. RDG Leslie, Ed. Sussex, John Wiley & Sons, Ltd. 1993 pp 249-267.

Refereed Papers and Journal Articles (note - student names are italicized):

ORIGINAL RESEARCH:

1. Kahkoska AR, Shay CM, Couch SC, Crandell J, Dabelea D, Gourgari E, Lawrence JM, Liese AD, Pihoker C, Reboussin BA, The N, **Mayer-Davis EJ**. Sociodemographic Associations of Longitudinal Adiposity in Youth with Type 1 Diabetes. *Pediatr Diabetes*. 2018 Aug 20. [Epub ahead of print] PMID: 30129111
2. **Mayer-Davis EJ**, Maahs DM, Seid M, Crandell J, Bishop FK, Driscoll KA, Hunter CM, Kichler JC, Standiford D, Thomas JM; FLEX Study Group. Efficacy of the Flexible Lifestyles Empowering Change intervention on metabolic and psychosocial outcomes in adolescents with type 1 diabetes (FLEX): a randomised controlled trial. *Lancet Child Adolesc Health*. 2018 Sep;2(9):635-646. Epub 2018 Jul 30. PMID: 30119757
3. **Mayer-Davis EJ**, Laffel LM, Buse JB. Management of Type 1 Diabetes With a Very Low-Carbohydrate Diet: A Word of Caution. *Pediatrics*. 2018 Aug;142(2). pii: e20181536B. PMID: 30065007

4. Corbin KD, Driscoll KA, Pratley RE, Smith SR, Maahs DM, **Mayer-Davis EJ**; Advancing Care for Type 1 Diabetes and Obesity Network (ACT1ON). Obesity in Type 1 Diabetes: Pathophysiology, Clinical Impact and Mechanisms. *Endocr Rev.* 2018 Jul 27. [Epub ahead of print] PMID: 30060120
5. Kahkoska AR, Watts ME, Driscoll KA, Bishop FK, Mihos P, Thomas J, Law JR, Jain N, **Mayer-Davis EJ**. Understanding antagonism and synergism: A qualitative assessment of weight management in youth with Type 1 diabetes mellitus. *Obes Med.* 2018 Mar;9:21-31. Epub 2018 Feb 22. PMID: 29984330
6. Costacou T, Crandell J, Kahkoska AR, Liese AD, Dabelea D, Lawrence JM, Pettitt DJ, Reynolds K, **Mayer-Davis EJ**, Mottl AK. Dietary Patterns Over Time and Microalbuminuria in Youth and Young Adults With Type 1 Diabetes: The SEARCH Nutrition Ancillary Study. *Diabetes Care.* 2018 Aug;41(8):1615-1622. Epub 2018 Jun 14. PMID: 29903846
7. Powers MA, Gal RL, Connor CG, Mangan M, Maahs DM, Clements MA, **Mayer-Davis EJ**. Eating Patterns and Food Intake of Persons with Type 1 Diabetes within the T1D Exchange. *Diabetes Res Clin Pract.* pii: S0168-8227(18)30195-5. Epub ahead of print 2018 May 14. PubMed PMID: 29772288.
8. Li C, D'Agostino RB Jr, Dabelea D, Liese AD, **Mayer-Davis EJ**, Pate R, Merchant AT. Longitudinal association between eating frequency and HbA1c and serum lipids in diabetes in the SEARCH for Diabetes in Youth Study. *Pediatr Diabetes.* [Epub ahead of print 2018 Apr 30. PubMed PMID: 29708292.
9. Reynolds K, Saydah SH, Isom S, Divers J, Lawrence JM, Dabelea D, **Mayer-Davis EJ**, Imperatore G, Bell RA, Hamman RF. Mortality in youth-onset type 1 and type 2 diabetes: The SEARCH for Diabetes in Youth study. *J Diabetes Complications.* pii: S1056-8727(18)30058-8. Epub ahead of print 2018 Apr 4. PubMed PMID: 29685480.
10. Mendoza JA, Haaland W, D'Agostino RB, Martini L, Pihoker C, Frongillo EA, **Mayer-Davis EJ**, Liu LL, Dabelea D, Lawrence JM, Liese AD. Food insecurity is associated with high risk glycemic control and higher health care utilization among youth and young adults with type 1 diabetes. *Diabetes Research and Clinical Practice.* 2018 Apr; 138:128-137. Epub 2018 Feb 8. PubMed PMID: 29427695.
11. Kichler JC, Seid M, Crandell J, Maahs DM, Bishop FK, Driscoll KA, Standiford D, Hunter CM, **Mayer-Davis EJ**. The Flexible Lifestyle Empowering Change (FLEX) intervention for self-management in adolescents with type 1 diabetes: Trial design and baseline characteristics. *Contemp Clin Trials.* 2018 Mar; 66:64-73. Epub 2017 Dec 24. PubMed PMID: 29277316.
12. Liese AD, Ma X, Ma X, Mittleman MA, The NS, Standiford DA, Lawrence JM, Pihoker C, Marcovina SM, **Mayer-Davis EJ**, Puett RC. Dietary quality and markers of inflammation: No association in youth with type 1 diabetes. *J Diabetes Complications.* 2018 Feb;32(2):179-184. Epub 2017 Nov 6. PubMed PMID: 29198994.
13. Zhong VW, Juhaeri J, Cole SR, Shay CM, Gordon-Larsen P, Kontopantelis E, **Mayer-Davis EJ**. HbA1C variability and hypoglycemia hospitalization in adults with type 1 and type 2 diabetes: A nested case-control study. *J Diabetes Complications.* 2018 Feb;32(2):203-209. Epub 2017 Oct 23.

PubMed PMID: 29242016.

14. Zhong VW, Juhaeri J, **Mayer-Davis EJ**. Trends in Hospital Admission for Diabetic Ketoacidosis in Adults With Type 1 and Type 2 Diabetes in England, 1998-2013: A Retrospective Cohort Study. *Diabetes Care*. 2018 Jan 27. pii: dc171583. Epub 2018 Jan 31. PubMed PMID: 29386248.
15. *Zhong VW, Juhaeri J, Cole SR, Kontopantelis E, Shay CM, Gordon-Larsen P, **Mayer-Davis EJ**. Incidence and Trends in Hypoglycemia Hospitalization in Adults With Type 1 and Type 2 Diabetes in England, 1998-2013: A Retrospective Cohort Study. *Diabetes Care*. 2017 Dec; 40(12):1651-1660. Epub 2017 Jul 17. PubMed PMID: 28716781.*
16. Jianping Weng, Zhiguang Zhou, Lixin Guo, Dalong Zhu, Linong Ji, Xiaoping Luo, Yiming Mu, Weiping Jia, Wenying Yang, Hongyu Kuang, Qiang Li, Yanbing Li, Li Yuan, Xuefeng Yu, Zhongyan Shan, Qiuhe Ji, Xingwu Ran, Jing Liu, Jiajun Zhao, Li Chen, Lanjie He, Chunxiu Gong, Li Liu, Feihong Luo, Ying Xin, Xueying Zheng, Daizhi Yang, Sihui Luo, Jinhua Yan, **Elizabeth J. Mayer-Davis**, Incidence of type 1 diabetes mellitus in China: population based study, 2010 – 2013. *British Medical Journal*, in press, 2017.
17. *Panuganti P, Mehreen TS, Anjana RM, Mohan V, **Mayer-Davis E**, Ranjani H. Influence of Socioeconomic Status on Knowledge of Obesity and Diabetes among Adolescents in Chennai, South India. *Children (Basel)*. 2017 Jul 25;4(8). pii:E61. PubMed PMID: 28757589; PubMed Central PMCID: PMC5575583.*
18. **Mayer-Davis EJ**, Dabelea D, Lawrence JM. Incidence Trends of Type 1 and Type 2 Diabetes among Youths, 2002-2012. *N Engl J Med*. 2017 Jul 20;377(3):301. PubMed PMID: 28723318; PubMed Central PMCID: PMC5639715.
19. Kanakatti Shankar R, Dolan LM, Isom S, Saydah S, Maahs DM, Dabelea D, Reynolds K, Hirsch IB, Rodriguez BL, **Mayer-Davis EJ**, Marcovina S, D'Agostino R Jr, Mauer M, Mottl AK. Serum cystatin C in youth with diabetes: The SEARCH for diabetes in youth study. *Diabetes Res Clin Pract*. 2017 Aug;130:258-265. Epub 2017 Jun 12. PubMed PMID: 28666182; PubMed Central PMCID: PMC5575920.
20. Driscoll KA, Corbin KD, Maahs DM, Pratley R, Bishop FK, *Kahkoska AR*, Hood KK, **Mayer-Davis E**; Advancing Care for Type 1 Diabetes and Obesity Network (ACT1ON). Biopsychosocial Aspects of Weight Management in Type 1 Diabetes: a Review and Next Steps. *Curr Diab Rep*. 2017 Aug;17(8):58. PubMed PMID: 28660565.
21. *Zhong VW, Crandell JL, Shay CM, Gordon-Larsen P, Cole SR, Juhaeri J, *Kahkoska AR*, Maahs DM, Seid M, Forlenza GP, **Mayer-Davis EJ**. Dietary Intake and Risk of Non-Severe Hypoglycemia in Adolescents with Type 1 Diabetes. *J Diabetes Complications*. 2017 Aug; 31(8): 1340-1347. Epub 2017 Apr 20. PMID: 28476567*
22. Dabelea D, D'Agostino R Jr, **Mayer-Davis EJ**. Complications of Diabetes Diagnosed in Children and Adolescents-Reply. *JAMA*. 2017 Jun 27;317(24):2553-2554. PubMed PMID: 28655008; PubMed Central PMCID:PMC5607439.
23. Sauder KA, Dabelea D, Bailey-Callahan R, Kanott Lambert S, Powell J, James R, Percy C, Jenks BF,

- Testaverde L, Thomas JM, Barber R, Smiley J, Hockett CW, Zhong VW, *Letourneau L*, Moore K, Delamater AM, **Mayer-Davis E**. Targeting risk factors for type 2 diabetes in American Indian youth: the Tribal Turning Point pilot study. *Pediatr Obes*. 2017 Jun 21. [Epub ahead of print] PubMed PMID: 28635082.
24. *Kahkoska AR*, **Mayer-Davis EJ**, Hood KK, Maahs DM, Burger KS. Behavioural implications of traditional treatment and closed-loop automated insulin delivery systems in Type 1 diabetes: applying a cognitive restraint theory framework. *Diabet Med*. 2017 Nov;34(11):1500-1507. Epub 2017 Sep 11. Review. PubMed PMID: 28626906; PubMed Central PMCID: PMC5647213.
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26. Nandi-Munshi D, Afkarian M, Whitlock KB, Crandell JL, Bell RA, D'Agostino R, Saydah S, Mottl AK, Dabelea D, Black MH, **Mayer-Davis EJ**, Pihoker C. Vitamin D and Albuminuria in Youth with and without Type 1 Diabetes. *Horm Res Paediatr*. 2017;87(6):385-395. Epub 2017 May 29. PubMed PMID: 28554178; PubMed Central PMCID: PMC5568007.
27. **Mayer-Davis EJ**, Lawrence JM, Dabelea D, Divers J, Isom S, Dolan L, Imperatore G, Linder B, Marcovina S, Pettitt DJ, Pihoker C, Saydah S, Wagenknecht L; SEARCH for Diabetes in Youth Study. Incidence Trends of Type 1 and Type 2 Diabetes among Youths, 2002-2012. *N Engl J Med*. 2017 Apr 13; 376(15):1419-1429. PMID: 28402773
28. Dabelea D, Stafford JM, **Mayer-Davis EJ**, D'Agostino R Jr, Dolan L, Imperatore G, Linder B, Lawrence JM, Marcovina SM, Mottl AK, Black MH, Pop-Busui R, Saydah S, Hamman RF, Pihoker C; SEARCH for Diabetes in Youth Research Group.. Association of Type 1 Diabetes vs Type 2 Diabetes Diagnosed During Childhood and Adolescence With Complications During Teenage Years and Young Adulthood. *JAMA*. 2017 Feb 28;317(8):825-835. PMID: 28245334
29. Albrecht SS, **Mayer-Davis E**, Popkin BM. Secular and race/ethnic trends in glycemic outcomes by BMI in US adults: the role of waist circumference. *Diabetes Metab Res Rev*. 2017 Jul; 33(5). Epub 2017 Mar 24. PMID: 28198145
30. Couch SC, Crandell J, King I, Peairs A, Shah AS, Dolan LM, Tooze J, Crume T, **Mayer-Davis E**. Associations between long chain polyunsaturated fatty acids and cardiovascular lipid risk factors in youth with type 1 diabetes: SEARCH Nutrition Ancillary Study. *J Diabetes Complications*. 2017 Jan;31(1):67-73. Epub 2016 Oct 5. PubMed PMID: 27836680; PubMed Central PMCID: PMC5384101.
31. Grau-Pérez M, Kuo CC, Spratlen M, Thayer KA, Mendez MA, Hamman RF, Dabelea D, Adgate JL, Knowler WC, Bell RA, Miller FW, Liese AD, Zhang C, Douillet C, Drobná Z, **Mayer-Davis EJ**, Styblo M, Navas-Acien A. The Association of Arsenic Exposure and Metabolism With Type 1 and Type 2 Diabetes in Youth: The SEARCH Case-Control Study. *Diabetes Care*. 2017 Jan;40(1):46-53. Epub 2016 Nov 3. PMID: 27810988
32. Crume TL, Hamman RF, Isom S, Talton J, Divers J, **Mayer-Davis EJ**, *Zhong VW*, Liese AD, Saydah

- S, Standiford DA, Lawrence JM, Pihoker C, Dabelea D; Search for Diabetes in Youth Study Group. Factors influencing time to case registration for youth with type 1 and type 2 diabetes: SEARCH for Diabetes in Youth Study. *Ann Epidemiol.* 2016 Sep;26(9):631-7. PMID: 27664849
33. Mottl AK, Divers J, Dabelea D, Maahs DM, Dolan L, Pettitt D, Marcovina S, Imperatore G, Pihoker C, Mauer M, **Mayer-Davis EJ**; SEARCH for Diabetes in Youth Study. The dose-response effect of insulin sensitivity on albuminuria in children according to diabetes type. *Pediatr Nephrol.* 2016 Jun;31(6):933-40. Epub 2016 Jan 11. PMID: 26754041; PMCID: PMC4841707
34. *Zhong VW*, Obeid JS, Craig JB, Pfaff ER, Thomas J, *Jaacks LM*, Beavers DP, Carey TS, Lawrence JM, Dabelea D, Hamman RF, Bowby DA, Pihoker C, Saydah SH, **Mayer-Davis EJ**. An efficient approach for surveillance of childhood diabetes by type derived from electronic health record data: the SEARCH for Diabetes in Youth Study. *J Am Med Inform Assoc.* 2016 Apr 23. pii: ocv207. [Epub ahead of print] PMID: 27107449; PMCID: PMC5070516
35. *The NS*, Shay C, Lamichhane AP, Crume T, Crandell JL, Wang S, Dabelea D, Lawrence JM, **Mayer-Davis EJ**. Association between breastfeeding and insulin sensitivity among young people with Type 1 and Type 2 diabetes: the SEARCH Nutrition Ancillary Study. *Diabet Med.* 2016 Mar 12. [Epub ahead of print] PMID: 26972798; PMCID: PMC 5018905
36. *Zhong VW*, Lamichhane AP, Crandell JL, Couch SC, Liese AD, The NS, Tzeel BA, Dabelea D, Lawrence JM, Marcovina SM, Kim G, **Mayer-Davis EJ**. Association of adherence to a Mediterranean diet with glycemic control and cardiovascular risk factors in youth with type I diabetes: the SEARCH Nutrition Ancillary Study. *Eur J Clin Nutr.* 2016 Feb 24. [Epub ahead of print] PMID: 26908421; PMCID: PMC4935596
37. Liese AD, Crandell JL, Toozee JA, Kipnis V, Bell R, Couch SC, Dabelea D, Crume TL, **Mayer-Davis EJ**. Sugar-sweetened beverage intake and cardiovascular risk factor profile in youth with type 1 diabetes: application of measurement error methodology in the SEARCH Nutrition Ancillary Study. *Br J Nutr.* 2015 Aug 14;114(3):430-8. Epub 2015 Jul 16. PMID: 26177613; PMCID: PMC4817246
38. Li C, Beech B, Crume T, D'Agostino RB Jr, Dabelea D, Kaar JL, Liese AD, **Mayer-Davis EJ**, Pate R, Pettitt DJ, Taplin C, Rodriguez B, Merchant AT. Longitudinal association between television watching and computer use and risk markers in diabetes in the SEARCH for Diabetes in Youth Study. *Pediatr Diabetes.* 2015 Aug;16(5):382-91. Epub 2014 Jul 12. PMID: 25041407; PMCID: PMC4291304
39. Attard SM, Herring AH, Wang H, Howard AG, Thompson AL, Adair LS, **Mayer-Davis EJ**, Gordon-Larsen P. Implications of iron deficiency/anemia on the classification of diabetes using HbA1c. *Nutr Diabetes.* 2015 Jun 22;5:e166. PMID: 26098445; PMCID: PMC4491857
40. Lamichhane AP, Crandell JL, *Jaacks LM*, Couch SC, Lawrence JM, **Mayer-Davis EJ**. Longitudinal associations of nutritional factors with glycosylated hemoglobin in youth with type 1 diabetes: the SEARCH Nutrition Ancillary Study. *Am J Clin Nutr.* 2015 Jun;101(6):1278-85. Epub 2015 May 6. PMID: 25948670; PMCID: PMC4441810
41. Saydah SH, Imperatore G, Henkin L, D'Agostino R Jr, Divers J, **Mayer-Davis EJ**, Dabelea D, Klingensmith G, Pihoker C, Lawrence JM. Trends and characteristics of self-reported case

- presentation of diabetes diagnosis among youth from 2002 to 2010: findings from the SEARCH for diabetes in youth study. *Diabetes Care*. 2015 Jun;38(6):e84-5. PMID: 25998301; PMCID: PMC4439534
42. Shah AS, Dolan LM, Dabelea D, Stafford JM, D'Agostino RB Jr, **Mayer-Davis EJ**, Marcovina S, Imperatore G, Wadwa RP, Daniels SR, Reynolds K, Hamman RF, Bowby DA, Maahs DM; SEARCH for Diabetes in Youth Study. Change in adiposity minimally affects the lipid profile in youth with recent onset type 1 diabetes. *Pediatr Diabetes*. 2015 Jun;16(4):280-6. Epub 2014 Aug 7. PMID: 25099744; PMCID: PMC4320680
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 44. *Jaacks LM*, Crandell J, Mendez MA, Lamichhane AP, Liu W, Ji L, Du S, Rosamond W, Popkin BM, **Mayer-Davis EJ**. Dietary patterns associated with HbA1c and LDL cholesterol among individuals with type 1 diabetes in China. *J Diabetes Complications*. 2015 Apr;29(3):343-9. Epub 2014 Dec 31. PMID: 25630525; PMCID: PMC4369414
 45. *Wang S*, Crandell JL, Couch SC, King IB, Lawrence JM, Dabelea D, Lamichhane AP, Kim G, Bell RA, Zhu S, **Mayer-Davis EJ**. Plasma nutrient biomarkers are associated with waist-to-height ratio in youth with type 1 diabetes. *J Nutr*. 2015 Mar;145(3):579-86. Epub 2015 Jan 21 PMID: 25733475; PMCID: PMC4336536
 46. *Jaacks LM*, Du S, Mendez MA, Crandell J, Liu W, Ji L, Rosamond W, Popkin BM, **Mayer-Davis EJ**. Comparison of the dietary intakes of individuals with and without type 1 diabetes in China. *Asia Pac J Clin Nutr*. 2015;24(4):639-49. PMID: 26693749
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 50. Hamman RF, Bell RA, Dabelea D, D'Agostino RB Jr, Dolan L, Imperatore G, Lawrence JM, Linder B, Marcovina SM, **Mayer-Davis EJ**, Pihoker C, Rodriguez BL, Saydah S; SEARCH for Diabetes in Youth Study Group. The SEARCH for Diabetes in Youth study: rationale, findings, and future directions. *Diabetes Care*. 2014 Dec;37(12):3336-44. PMID: 25414389; PMCID: PMC4237981

51. **Mayer-Davis EJ**, Seid M, Crandell J, Dolan L, Lagarde WH, *Letourneau L*, Maahs DM, Marcovina S, Nachreiner J, Standiford D, Thomas J, Wysocki T. Flexible Lifestyles for Youth (FL3X) behavioural intervention for at-risk adolescents with Type 1 diabetes: a randomized pilot and feasibility trial. *Diabet Med*. 2014 Nov 25. [Epub ahead of print] PMID: 25424501; PMCID: PMC4437823
52. *Jaacks LM*, Liu W, Ji L, Mendez MA, Du S, Crandell J, Rosamond W, **Mayer-Davis EJ**. Diabetes nutrition therapy and dietary intake among individuals with Type 1 diabetes in China. *Diabet Med*. 2014 Nov 18. [Epub ahead of print] PMID: 25407093; PMCID: PMC4329062
53. Crume TL, Crandell J, Norris JM, Dabelea D, Fangman MT, Pettitt DJ, Dolan L, Rodriguez BL, O'Connor R, **Mayer-Davis EJ**. Timing of complementary food introduction and age at diagnosis of type 1 diabetes: the SEARCH nutrition ancillary study (SNAS). *Eur J Clin Nutr*. 2014 Nov;68(11):1258-60. Epub 2014 Aug 13. PMID: 25117987; PMCID: PMC4414319
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73. **Mayer EJ**, Burchfiel CM, Eckel RH, Marshall JA, Hamman RF. The role of insulin in the association of physical activity with high density lipoprotein HDL cholesterol and HDL subfractions: the San Luis Valley Diabetes Study. *Am J Epidemiol* 1990;132:786. Presented at the 23rd Annual Meeting of the Society for Epidemiologic Research. Snowbird, Utah; June 1990.
74. **Mayer EJ**, Alderman BW, Regensteiner JG, Marshall JA, Hamman RF. Comparison of physical activity measures for work and leisure time: the San Luis Valley Diabetes Study. *Am J Epidemiol* 1988;128:933. Presented at the 21st Annual Meeting of the Society for Epidemiologic Research. Vancouver, British Columbia, Canada, June 1988.

Refereed Unpublished Oral Presentations and / or abstracts:

Sarah C. Couch, Jamie Crandell, Irena King, Abby Peairs, Amy S. Shah, Lawrence M. Dolan, Janet Tooze, Tessa Crume, **Elizabeth Mayer-Davis**. Associations between Long Chain Polyunsaturated Fatty Acids and Cardiovascular Risk Factors in Youth with Type 1 Diabetes: SEARCH Nutrition Ancillary Study. Experimental Biology. San Diego, CA, April 2-6, 2016.

Tessa L Crume, Jamie L Crandell, Dana Dabelea¹, Jean M. Lawrence, Angela Liese, Catherine Pihoker, Janet Tooze, Archana Lamichane, Lawrence Dolan, **Elizabeth J Mayer-Davis**. Breastfeeding as a Potential Factor Related to Preservation of Insulin Secretion in Youth with Recently Diagnosed Type 2 Diabetes: The SEARCH Nutrition Ancillary Study. Experimental Biology. San Diego, CA, April 2-6, 2016.

The N, Crandell JL, Norris J, **Mayer-Davis EJ**. Vitamin D and Insulin Resistance_The SEARCH For Diabetes in Youth. (Oral Presentation) American Society for Nutrition_Experimental Biology. San Diego, CA, April 21-25, 2012.

Jaacks LM, Bell RA, Dabelea D, D'Agostino RB, Jr., Dolan LM, Imperatore G, Klingensmith GJ, Lawrence JM, Saydah S, Yi-Frazier J, **Mayer-Davis E**, For the SEARCH for Diabetes in Youth Study Group. Diabetes Self-management Education Patterns Associated with Glycemic Control in Youth with Type 1 Diabetes (Oral Presentation). American Diabetes Association 72nd Scientific Sessions,

Philadelphia, PA, June 8th – 12th, 2012.

Lawrence JM, Bell RA, Dabelea D, Dolan LM, Imperatore G, Klingensmith GJ, Linder B, **Mayer-Davis E**, Pettitt DJ, Pihoker C, Saydah S, Standiford DA, Talton JW, Thomas J, D'Agostino RB, Jr., For the SEARCH for Diabetes in Youth Study Group. Trends in Incidence of Type 1 Diabetes among Non-Hispanic White Youth in the US, 2002 – 2009 (Oral Presentation). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Dabelea D, **Mayer-Davis E**, Talton JW, Hamman RF, Bell RA, Dolan LM, Divers J, Imperatore G, Liu LL, Linder B, Merchant A, Reynolds K, Saydah S, For the SEARCH for Diabetes in Youth Study Group. Is Prevalence of Type 2 Diabetes Increasing in Youth? The SEARCH for Diabetes in Youth Study (Oral Presentation). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Ma B, Lawson AB, Liese AD, Bell RA, **Mayer-Davis EJ**. Dairy, Magnesium and Calcium Intake in Relation to Insulin Sensitivity: The Insulin Resistance Atherosclerosis Study (IRAS). Presented at the Society for Epidemiologic Research Annual Meeting: Toronto, June 2005.

Foy C, D'Agostino DC, Foley KL, Goff DC, **Mayer-Davis EJ**, Wagenknecht L. Insulin Sensitivity Mediates The Association Between Vigorous Physical Activity And Hypertension Among United States Adults: Findings From The Insulin Resistance Atherosclerosis Study. 5th Annual Conference on Cardiovascular Disease Epidemiology and Prevention in Association with the Council on Nutrition, Physical Activity and Metabolism: Washington, DC; Apr 29 - May 2, 2005.

Thomas J, Petrofes A, **Mayer-Davis E**, Fowler S. Telepower: Implementation of a weight loss program via telemedicine in a medically underserved community. American Dietetic Association. Philadelphia, October 2002.

Fowler S, **Mayer-Davis EJ**, Thomas J, Petrofes A., Howe D., Ross T, Harris S. Telepower: weight loss/weight management program for rural communities. The American Telemedicine Association. Los Angeles Convention Center, CA, June 2002.

Smith SS, **Mayer-Davis EJ**. Leptin in relation to hypertension: the role of obesity. Insulin Resistance Atherosclerosis Study. American Heart Association, Council on Epidemiology and Prevention. March, 2001.

Levin S, Ainsworth B, **Mayer-Davis EJ**, Addy C, Wheeler F. Cardiovascular disease and related factors among the Catawba Indian Nation compared with rural and urban South Carolina. American Public Health Association. November 2000.

Bell RA, **Mayer-Davis EJ**, Levin S. Diabetes prevalence among two Native American tribes in North and South Carolina. American Public Health Association. November 2000.

Schulz RM, Kirkner GJ, **Mayer-Davis EJ**. Quality of life in an older, minority population using an abbreviated diabetes quality of life instrument. Annual Conference of the International Society for Quality of Life Research (ISOQOL). Vancouver, Canada, October 29-31, 2000

Mayer-Davis EJ. Macronutrient intake and cardiovascular disease risk factors in persons with type 2 diabetes. Harvard University, School of Public Health, Nutrition Epidemiology Seminar Series, Fall 2000.

Mayer-Davis EJ. Dietary fat versus carbohydrate. American Diabetes Association Scientific Sessions. Session Moderator. San Antonio, June 2000

Mayer-Davis EJ, Wandersman A, Tanner R, *D'Antonio A*, Martin M, Parra-Medina D, Schulz R, *Smith S*, *Oeltmann J*, *Wedick N*. Strategies for weight management in Type 2 diabetes: Pounds Off with Empowerment. Centers for Disease Control and Prevention, Division of Diabetes Translation. Conference on Translation. April 2000.

Mayer-Davis EJ. Dietary recommendations for individuals with Type 2 diabetes. South Carolina Midlands Dietetic Association. 2000.

Mayer-Davis EJ, Wandersman A, Tanner R, *D'Antonio A*, Martin M, Parra-Medina D, Schulz R, *Smith S*, *Oeltmann J*, *Wedick N*. Pounds Off with Empowerment: Results of a pilot study in Orangeburg SC. South Carolina Dietetic Association, Annual meeting. September 1999.

Wedick NM, **Mayer-Davis EJ**, Wingard DL, Addy CL, Barrett-Conner E. Insulin Resistance precedes weight loss in adults without diabetes: the Rancho Bernardo Study. North American Society for Obesity. Charleston, SC, July 1999.

Hamman RF, Shetterly SM, Norris JM, Smith SS, **Mayer-Davis EJ.** Anti-islet antibodies (AIA) in Hispanic and non-Hispanic White Persons with adult onset diabetes. The San Luis Valley Diabetes Study. American Diabetes Association Scientific Sessions. Chicago, June 1999.

Mayer-Davis EJ. Dietary recommendations for individuals with type 2 diabetes. South Carolina Midlands Dietetic Association. February 1999.

Bell RA, *Levin S*, **Mayer-Davis EJ.** Diabetes and associated risk factors among two Native American tribes in North and South Carolina. Diabetes in Indian Communities. Centers for Disease Control and Prevention, National Institutes of Health, Indian Health Service. October 1998.

Mayer-Davis EJ. Stepping stones in science: Women in science enabling research. Loyola University Chicago. Speaker July 1998.

Mayer-Davis EJ. Women in Diabetes. American Diabetes Association's Scientific Session. Current Issues session moderator. June 1998.

Mayer-Davis EJ. Physical Activity and Diabetes: Opportunities for prevention. Promoting an Active South Carolina: a Conference on Physical Activity and Health. April 1998.

Mayer-Davis EJ. Rural Diabetes Care, Moderator, 4th Annual Diabetes Fall Symposium for Primary Health Care Professionals, Charleston, SC, South Carolina Diabetes Initiative 1998.

Mayer-Davis EJ. Macronutrient intake and lipoprotein profile in persons with Type 2 Diabetes.

Pennington Biomedical Research Center, Baton Rouge, LA. 1998

Mayer-Davis EJ. Epidemiology and the African American Communities. Benedict College. Health/Science Seminars 1998.

Mayer-Davis EJ. Antioxidant nutrient intake and the prevalence and severity of diabetic retinopathy: The San Luis Valley Diabetes Study. American Diabetes Association 32nd Research Symposium on the Role of Oxidants and Antioxidants Therapy in Diabetic Complications, 1996.

Mayer-Davis EJ and Rushing J. Antioxidant nutrient intake and age-related eye disease: weighing the epidemiologic evidence. 1996 Congress of the International Society of Contact Lens Specialists. Marlow, Bucks, England. June 1996.

Liese AD, Mayer EJ, Keil U, Heiss G. Parental history of diabetes and hypertension and the multiple metabolic syndrome: The ARIC Study. In Proceedings: Symposium Metabolic Syndrome - Syndrome X - An Integrated Approach to a Cluster of Modern Epidemic Diseases. Dresden, Germany, December 8-10, 1995.

Mayer EJ, Newman B, King MC, Selby JV. Genetic susceptibility and associations of obesity and fat patterning with insulin concentrations in monozygotic women twins. Twenty-fifth Annual Meeting of the Society for Epidemiologic Research. Minneapolis, Minnesota; June 1992.

Other Un-refereed Works

UN-REFEREED WORKS:

Mayer-Davis, EJ. Nutritional Factors and Glycemic Control in Youth with Type 1 Diabetes. For the SEARCH Nutrition Ancillary Study Group. Experimental Biology, San Diego, CA; April 25, 2014. [Oral presentation]

Mayer-Davis, EJ. Increased Prevalence of Type 1 Diabetes Among United States Youth from 2001 to 2009: the Search for Diabetes in Youth study. Sardinia, Italy; March 29, 2014. [Oral Presentation]

Mayer-Davis EJ. SEARCH for Diabetes in Youth: Lessons Learned – Typology and Clinical Status. Medicine/Pediatrics Endocrine Research Seminar. Chapel Hill, NC; January 31, 2013.

Mayer-Davis, EJ. Dietary Issues in Diabetes. Keystone Diabetes Symposium. Keystone, CO; July 2013.

Mayer-Davis EJ. Diabetes and Macronutrient Composition: Striving to Achieve Metabolic Goals. Invited talk. American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA; June 2012.

Mayer-Davis EJ. Using the National Prevention Strategy to Turn the Tide on Diabetes. Session Convener. American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA; June 2012.

Mayer-Davis EJ. American Diabetes Association Nutrition Guidelines: Weight loss, diabetes prevention, and diabetes management. Presented at the Nutrition and Metabolism Society Symposium's Spring Obesity Conference: Denver, CO; April 22, 2012.

Mayer-Davis EJ. Health Status of Minority Youth with Type 1 Diabetes: Challenges and Potential Solutions. 7th Annual Chicago Diabetes Day. Invited talk. Chicago, IL; May 2012.

Mayer Davis EJ. Update on the SEARCH for Diabetes in Youth Study: 2012. Invited talk. Carolinas Medical Center, Pediatric Endocrinology Clinic, Charlotte NC; May 2012.

Mayer Davis EJ. Update on the SEARCH for Diabetes in Youth Study. Invited talk. Greenville Hospitals System, Division of Pediatric Endocrinology, Greenville NC, Oct 2011.

Jaacks LM, Bell RA, Dabelea D, D'Agostino RB, Dolan LM, Imperatore G, Klingensmith GJ, Lawrence JM, Saydah S, Yi-Frazier J, Mayer-Davis EJ. "Diabetes Self-Management Education Patterns Associated with Glycemic Control in Youth with Type 1 Diabetes." 72nd Scientific Sessions. American Diabetes Society. Pennsylvania Convention Center, Philadelphia, Pennsylvania. 9 June 2012. Oral Presentation.

Diabetes Atlas, Fifth Edition Committee: Nigel Unwin, David Whiting, Leonor Guariguata, Anselm Hennis, Abdullatif Husseini, Linong Ji, Katarzyna Kissimova-Skarbek, Ingrid Libman, **Elizabeth Mayer-Davis**, Ayesha Motala, Venkat Narayan, Ambady Ramachandran, Gojka Roglic, Jonathan Shaw, Nick Wareham, Ping Zhang. IDF Diabetes Atlas, 5th edition. International Diabetes Federation, Brussels, Belgium, 2011.

Mayer-Davis E. SEARCH for Diabetes in Youth: Report to the NIH/NIDDK Ad Hoc Review Panel for Special Type 1 Diabetes Funding. Bethesda MD. May 2008. Invited Talk

Mayer-Davis E. They Are What They Eat: Dietary Intake in Youth. Invited talk. American Diabetes Association Scientific Sessions, June 2007.

Mayer-Davis E. SEARCH for Diabetes in Youth. Centers for Disease Control and Prevention, Diabetes Translation Annual Conference, Atlanta GA April 2007. Invited Talk

Mayer-Davis EJ. Total fat: Does it matter (pro). Invited talk and discussant. American Diabetes Association Scientific Session. Philadelphia, June 2001. Invited Talk.

Mayer-Davis EJ. Nutrition Recommendations for Persons with Diabetes: Update from the ADA. Diabetes Initiative of South Carolina. 7th Annual Diabetes Symposium for Primary Health Care Professional. Charleston, SC 2001. Invited talk

Mayer-Davis EJ. Epidemiology of obesity. American Diabetes Association Scientific Sessions. Invited Talk. San Antonio, June 2000.

POSTER PRESENTATIONS

Jean Lawrence, Giuseppina Imperatore, David Pettitt, Dana Dabalea, Barbara Linder, **EJ Mayer-Davis**, Scott Isom, Catherine Pihoker, Debra Standiford, Santica Marcovina, Ralph D'Agostino, Sharon Saydah, for the SEARCH for Diabetes in Youth Study Group.

Incidence of Diabetes in U.S. Youth by Type, race/Ethnicity, and Age, 2008-2009. (Poster) American Diabetes Association 74th Scientific Sessions ADA, San Francisco, CA, June 14-17, 2014

Jennifer Law, Nora Fitzgerald, Jasmin Divers, Jean Lawrence, Kristi Reynolds, Ronny Bell, Craig Taplin, Beth Loots, Jennifer Raymond, Tessa Crume, **EJ Mayer-Davis**, for the SEARCH for Diabetes in Youth Study group. Alcohol Consumption Behaviors of Adolescents with Type 1 Diabetes (T1D). (Poster) American Diabetes Association 74th Scientific Sessions ADA, San Francisco, CA, June 14-17, 2014

Grace Kim, Jasmin Divers, Nora Fitzgerald, Dana Dabelea, Jean Lawrence, Kristi Reynolds, Ronny Bell, **EJ Mayer-Davis**, Tessa Crume, David Pettitt, Lenna Lie, SEARCH for Diabetes in Youth Study Group, Prevalence of CVD Risk factors over Time among Youth with Type 1 and Type 2 Diabetes. (Poster). American Diabetes Association 74th Scientific Sessions ADA, San Francisco, CA, June 14-17, 2014.

Amy K Mottle, Nora Fitzgerald, **EJ Mayer-Davis**, Jasmin Divers, Dana Dabelea, Jean M. Lawrence, Lawrence M Dolan, Amy S. Shah, David Maahs for the SEARCH for Diabetes in Youth Study Group. The Early natural History of Albuminuria in Children with Type 1 Diabetes. (Poster) American Diabetes Association 74th Scientific Sessions ADA, San Francisco, CA, June 14-17, 2014.

AS Shah, LM Dolan, D Dabelea, JS Andrews, RB D'Agostino Jr, **EJ Mayer-Davis**, SMarcovina, G Imperatore, RP Wadwa, SR Daniels, K Reynolds, RF Hamman, DM Maahs. Changes in BMIz influence the lipid profile in youth with type 1 diabetes: The SEARCH for Diabetes in Youth Study. (Poster) American Diabetes Association 73rd Scientific Sessions ADA, Chicago, IL, June 21-25, 2013.

Crume TL, Hamman RF, Isom S, Divers J, **Mayer-Davis EJ**, Zhong W, Saydah S, Standiford D, Lawrence J, Pihoker C, Dabelea D for the SEARCH for Diabetes in Youth Study Group. The Accuracy of Provider-Diagnosed Diabetes Type in Youth: Evidence from the SEARCH Study. (Guided Audio Poster) American Diabetes Association 73rd Scientific Sessions ADA, Chicago, IL, June 21-25, 2013.

Crume TL, Hamman RF, Isom S, Divers J, **Mayer-Davis EJ**, Zhong W, Saydah S, Standiford D, Lawrence JM, Pihoker C, Dabelea D, for the SEARCH for Diabetes in Youth Study. Factors Influencing Time to Case Ascertainment in Youth with Type 1 (T1D) and Type 2 Diabetes (T2D) in the SEARCH for Diabetes in Youth Study. (Poster) American Diabetes Association 73rd Scientific Sessions ADA, Chicago, IL, June 21-25, 2013.

Zhong W, Pfaff ER, Thomas J, Jaacks LM, Carey TS, Beavers D, Saydah S, Lawrence JM, Hamman RF, Dabelea D, Pihoker C, **Mayer-Davis EJ**. Testing childhood diabetes case ascertainment methods based on published algorithms: the SEARCH for Diabetes in Youth Study, Carolina site. (Guided Audio Poster) American Diabetes Association 73rd Scientific Sessions ADA, Chicago, IL, June 21-25, 2013.

Zhong W, Pfaff ER, Thomas J, Jaacks LM, Carey TS, Beavers D, Saydah S, Lawrence JM, Hamman RF, Dabelea D, Pihoker C, **Mayer-Davis EJ**. Exploration of efficient case ascertainment methods for surveillance of childhood diabetes using electronic health data: the SEARCH for Diabetes in Youth Study, Carolina site. (Poster) American Diabetes Association 73rd Scientific Sessions, Chicago, IL, June 21-25, 2013.

Couch S A, Crandell J L, Pairs A, Liese A D, Shah A S, Dolan L M, Toozee J, Crume T, King I, **Mayer-Davis E J**. Polyunsaturated Fatty acids (PUFA) and Cardiovascular Risk Factors in Youth with Type 1 Diabetes (T1D): SEARCH Nutrition Ancillary Study. (Guided Poster Tour) American Diabetes Association 73rd Scientific Sessions, Chicago, IL June 21-25, 2013.

Jaacks L M, Crandell J L, Liese A D, Lamichhane A P, Bell R A, Dabelea D, D'Agostino, Jr R B, Dolan

L M, Marcovina S M, Reynolds K, Shah A S, Urbina E M, Wadwa R P, **Mayer-Davis E J**. Association of dietary fiber intake with inflammation and arterial stiffness in youth with type 1 diabetes. (Guided Audio Poster Tour) American Diabetes Association 73rd Scientific Sessions, Chicago, IL June 21-25, 2013.

Mayer-Davis E, D'Agostino RB, Jr., Dabelea D, Dolan LM, Lawrence JM, Pihoker C. The Branched Chain Amino Acid Leucine is Associated with Insulin Secretion among Youth with Type 1 Diabetes (T1D): SEARCH for Diabetes in Youth (Guided Audio Poster). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Mayer-Davis E, Dabelea D, Talton JW, Hamman RF, Divers J, Badaru A, Crume TL, Dolan LM, Imperatore G, Lawrence JM, Liese AD, Linder B, Saydah S, For the SEARCH for Diabetes in Youth Study. Increase in Prevalence of Type 1 Diabetes from the SEARCH for Diabetes in Youth Study: 2001 to 2009 (Guided Audio Poster). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Mottl AK, Lauer A, D'Agostino RB, Jr., Mauer M, Maahs D, Dolan LM, Gilliam LK, Lawrence JM, Afkarian M, Reynolds K, Marcovina SM, Imperatore G, Dabelea D, **Mayer-Davis E**, For the SEARCH for Diabetes in Youth Study Group. The Prevalence of Albuminuria According to Status of Autoimmunity and Insulin Sensitivity among Youth with Diabetes (Poster Presentation). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Kanakatti Shankar R, Maahs D, Dolan LM, Anderson A, Imperatore G, Dabelea D, Reynolds K, Hirsch I, **Mayer-Davis E**, Marcovina SM, D'Agostino RB, Jr., Mauer M, Mottl AK. Glycemia Influences Cystatin C in Youth with Diabetes: SEARCH for Diabetes in Youth Study (Poster Presentation). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Li C, Beech B, Crume T, D'Agostino RB, Jr., Dabelea D, Dolan L, Landsbaugh J, Liese A, **Mayer-Davis E**, Pate R, Pettitt DJ, Merchant AT. Longitudinal Association between TV Watching and Diabetes Risk Markers in SEARCH for Diabetes in Youth Study (Poster Presentation). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

King IB, Crandall JL, Couch SC, **Mayer-Davis E**. Plasma Trans Palmitoleic Acid (TPA) and Cardiometabolic Risk Factors in Youth with Type 1 Diabetes: SEARCH Nutrition Ancillary Study (Guided Audio Poster). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Hamman RF, Pettitt DJ, Dabelea D, Divers J, Imperatore G, Lawrence JM, Liese AD, Linder B, **Mayer-Davis E**, Pihoker C, Saydah S, Standiford DA, Talton JW, For the SEARCH for Diabetes in Youth Study Group. Estimates of the Burden of Diabetes in United States Youth in 2009 (Guided Audio Poster). American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 8th – 12th, 2012.

Liese AD, Crandell JL, Toozee JA, Fangman MT, Couch S, Dabelea D, Crume T, **Mayer-Davis EJ**. Investigating dietary measurement error: Applications of regression calibration to association of sugar-sweetened beverage intake and lipids. International Conference on Diet and Activity Methods 8, Rome, Italy, May 14-17, 2012. Poster Presentation.

Liese A, Fangman MT, Crandell JL, Toozee JA, Merchant AT, Bell R, Couch S, **Mayer-Davis EJ**.

Relative validity of a food frequency questionnaire in youth with type 1 diabetes. International Conference on Diet and Activity Methods 8, Rome, Italy, May 14-17, 2012. Poster Presentation.

Jaacks LM, Oza-Frank R, D'Agostino RB, Dolan L, Dabelea D, Lawrence JM, Pihoker C, O'Connor R, Seid M, Narayan KMV, Mayer-Davis EJ. "Migration and associated characteristics in the SEARCH for Diabetes in Youth cohort." World Diabetes Congress. International Diabetes Federation. Dubai, UAE. 6 December 2011. Poster Presentation.

Couch SC, Crandell JL, Shah A, Dolan L, Merchant A, Liese A, Lawrence JM, Pihoker C, **Mayer-Davis EJ.** Fructose Intake and Cardiovascular Risk Factors in Youth with Type 1 Diabetes: The SEARCH for Diabetes in Youth Study. American Dietetic Assoc Food and Nutrition Conference, San Diego, CA, Sept. 24-27 2011. Poster Presentation.

Mayer-Davis EJ, Klein R, Klein BE, Davis C, Saaddine J, D'Agostino, Jr. RB, Bell RA, Dabelea D, Dolan L, Garg S, Lawrence JM, Linder B, Marcovina SM, Pihoker C, Rodriguez BL. Diabetic Retinopathy in the SEARCH for Diabetes in Youth Cohort: A Pilot Study. American Diabetes Association 71nd Scientific Sessions, San Diego, CA, June, 2011. Poster Presentation.

UN-REFEREED INVITED ORAL PRESENTATIONS:

- | | |
|------|---|
| 2018 | Effect Modifiers of a Behavioral Intervention in Adolescents with Type 1 Diabetes: The FLEX Study. ISPAD 44 th Annual Conference. October 11, 2018. Hyderabad, India. |
| 2018 | Disease Prevention: Where Are We Now? ISPAD 44 th Annual Conference. October 12, 2018. Hyderabad, India. |
| 2017 | Keynote speaker, The Obesity Society, Early Career Conference/Workshop, Obesity Week 2017, Washington DC. Oct 2017. |
| 2017 | Inspiration from the SEARCH for Diabetes in Youth: New Trials for Prevention and Treatment of Diabetes in Youth. North Carolina Diabetes Research Center/Wake Forest University Center Seminar Series. May 15, 2017. Winston-Salem, NC. |
| 2017 | Diabetes Tomorrow: What's on the Horizon for Type 1s? Taking Control of Your Diabetes (TYOCD) Conference, May 6, 2017. Raleigh, NC. |
| 2016 | Interventions to Improve Diabetes-Related Health in Adolescents, Greenville Health System, Pediatric Grand Rounds, November 18, 2016, Greenville, SC. |
| 2016 | Emergence of Complications of Type 2 Diabetes in Youth: Comparisons with Type 1 Diabetes, 25 th Annual DeLoache Seminar, November 17, 2016, Greenville, SC. |

- 2016 Is the Incidence of Type 1 Diabetes in Children and Adolescents Really Increasing? International Society for Pediatric and Adolescent Diabetes (ISPAD), October 28, 2016, Valencia, Spain.
- 2016 Type 2 Diabetes in Youth, September 11, 2016, Xi'an, China.
- 2016 Designing and Testing an Intervention to Prevent Type 2 Diabetes in Youth, September 12, 2016, Xi'an, China.
- 2015 SEARCH for Diabetes in Youth: Overview and Results. International Diabetes Federation World Diabetes Congress 2015, Vancouver, CA
- 2015 SEARCH for Diabetes in Youth: Diabetes Seminar Series: Epidemiology of Diabetes in Youth, 2015, University of Indiana, Bloomington, IN
- 2015 New Diabetes Nutrition Therapy Guidelines: the evidence, controversies and application to practice. (Oral Presentation) American Diabetes Association, 62nd Post-graduate course, New York, NY February 27-29.
- 2014 Looking Ahead—Enhancing the Role of Nutrition in Diabetes Research: Establishing and Realizing Research Goals. (Oral Presentation) American Diabetes Association 74th Scientific Sessions, San Francisco, CA June 14-17, 2014.
- 2013 Search for Diabetes in Youth: Planning the next 5 Years. (Oral Presentation) NIH/CDC
- 2013 Type 1 and Type 2 Diabetes in youth: role of obesity and nutrition. Peking University Diabetes Forum. May 5, 2013; Beijing, China.
- 2013 Temporal Trends in Modality of Diabetes Diagnosis among Youth from 2002 to 2009: the SEARCH for Diabetes in Youth Study. (Oral Presentation) American Diabetes Association 73rd Scientific Sessions, Chicago, IL, June 21-25, 2013;
- 2012 Pediatric Obesity and Type 2 Diabetes in Youth Indo-U.S. Interdisciplinary Conference on Nutrition Practice Guidelines for Type 2 Diabetes Mellitus, American Overseas Dietetic Association, Chennai India
- 2012 SEARCH for Diabetes in Youth – Lessons Learned. American Diabetes Association Scientific Sessions. San Diego CA
- 2011 Post Graduate Course: 2010 Dietary Guidelines: Implications for Diabetes Care, American Diabetes Association, New York City
- 2007 - 2009 Annual presentation on behalf of SEACH External Scientific Council for the SEARCH for Diabetes in Youth Study

- 2006 University of South Carolina, School of Medicine. 2006 Carolina Cup Symposium, Guest Lecturer
- 2005 University of North Carolina at Chapel Hill
Studies of Nutrition and Obesity related Health Disparities in South Carolina
- 2005 University of South Carolina, Arnold School of Public Health
30th Anniversary, Department of Epidemiology and Biostatistics
Symposium Moderator
- 2006 University of South Carolina, Biomedical Research Initiative, Health Disparities Seminar Series. Lifestyle Approaches for Prevention and Treatment of Type 2 Diabetes in South Carolina
- 2005 University of Pennsylvania - The Children's Hospital of Philadelphia.
Studies of Nutrition and Obesity-Related Health Disparities
- 2005 University of South Carolina, Center for Research in Nutrition and Health Disparities, Nutrition Center Seminar Series.
Studies of Nutrition and Obesity-Related Health Disparities
- 2003 Medical University of South Carolina, The Diabetes Initiative of South Carolina. 9th Annual Diabetes Fall Symposium for Primary Health Care Professionals Committee.
- 2002 Medical University of South Carolina, The Diabetes Initiative of South Carolina. 8th Annual Diabetes Fall Symposium for Primary Health Care Professionals Committee. Moderator: "Diabetes and Lifestyle Management".
- 2001 Medical University of South Carolina, Biometry and Epidemiology.
Guest Lecturer: "Design and Conduct of Research in Diabetes Epidemiology."
- 2001 Richland Memorial Hospital, Department of Preventive and Family Medicine Residency Program Diabetes Epidemiology
- 1999 - 2003 University of South Carolina School of Medicine and Palmetto Richland Memorial Hospital, Biomedical Research Summer Internship Program for Undergraduates. Diabetes Epidemiology
- 1998 University of South Carolina, Department of Ophthalmology
Antioxidant Nutrient Intake and Diabetic Retinopathy: the San Luis Valley Diabetes Study
- 1998 Richland Memorial Hospital, Department of Preventive and Family

Medicine. Diet Assessment Methods

- 1998 University of South Carolina, Department of Exercise Science
Physical Activity and Insulin Sensitivity
- 1998 Richland Memorial Hospital, Department of Clinical Dietitians
Current Research in Diet and Diabetes
- 1996 Bowman Gray School of Medicine, Mini Medical School IV Lecture
Series: "Eat Your Way To Better Health"
Moderator and Lecturer: "To Your Health: A Festival of Foods"
- 1995 Bowman Gray School of Medicine, General Clinical Research Center,
Clinical Research Series
- 1995 Nutrition in clinical research: when and how to assess diet.
Bowman Gray School of Medicine, Department of Public Health
Sciences, Journal Club. How to critique a journal article
- 1994 Bowman Gray School of Medicine, Department of Public Health
Sciences, Journal Club
Medical nutrition therapy for diabetes: rationale for the 1994 nutrition
recommendations

TEACHING RECORD

Course Director:

- 2015-17 University of North Carolina at Chapel Hill, Dept of Nutrition, NUTR
728, Nutrition Translational Research & Application
- 2014 - Present University of North Carolina at Chapel Hill, Dept of Nutrition, NUTR
695, Nutrition Research
- 2009 - 2015 University of North Carolina at Chapel Hill, School of Medicine. MS2:
Endocrinology/Nutrition Block – Block Director responsible for
Nutrition
- 2011 - 2012 University of North Carolina at Chapel Hill, Dept of Nutrition, NUTR
728: Nutrition Translational Research and Application
- 2009, 2010 University of North Carolina at Chapel Hill, Dept of Nutrition, NUTR
725: Public Health Nutrition Management, co-instructor to teach grant
writing
- 2007 University of South Carolina, Department of Epidemiology and
Biostatistics, EPID 845: Doctoral Seminar Series

2007	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 801: Epidemiologic Methods III, Grant Writing
2006	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 845: Doctoral Seminar in Epidemiology
2004 - 2005	Sabbatical – released from formal teaching duties
2000 - 2003	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 745: Master's Seminar in Epidemiology
1999 - 2004	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 741: Epidemiologic Methods I (course and lab)
1999	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 794a: Nutrition Epidemiology (new course)
1998	University of South Carolina, Department of Epidemiology & Biostatistics, EPID 845: Doctoral Seminar in Epidemiology
1997	University of South Carolina, Department of Epidemiology & Biostatistics, EPID 742: Epidemiological Concepts in Selected Disease or Health Conditions
1994 - 1996	Bowman Gray School of Medicine, Epidemiology II and Epidemiology II Lab
1994 - 1995	Bowman Gray School of Medicine, Topics in Epidemiology (Nutrition Epidemiology Tutorial)

Lecture:

2016-present	University of North Carolina at Chapel Hill, School of Medicine, Selected nutrition lectures on diabetes management and maternal/ reproductive health
2014	University of North Carolina at Chapel Hill, School of Medicine Medical Student Seminar, IMPACT Lecture: Intervention to prevent Diabetes.
2013-2014	University of North Carolina at Chapel Hill, Family Medicine, Grand Rounds: Pediatric Diabetes.
2013-2014	University of North Carolina at Chapel Hill, Department of Nutrition NUTR 812: Clinical Trials in Nutrition Epidemiology
2011 - 2012	University of North Carolina at Chapel Hill, Department of Nutrition

	NUTR 812: Introduction to Obesity: From Cell to Society
2009 - 2012	University of North Carolina at Chapel Hill, Departments of Nutrition and Epidemiology, NUTR 813: Nutrition Epidemiology: Nutrition, Diabetes and Metabolic Syndrome
2009	University of North Carolina at Chapel Hill, Department of Nutrition NUTR 696: Introduction to Obesity: From Cell to Society
2007	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 745: Diabetes Epidemiology
2008	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 742: Epidemiologic Concepts in Selected Disease or Health Conditions
2000 - 2003	University of South Carolina, Department of Epidemiology and Biostatistics, EPID 742: Epidemiological Concepts in Selected Disease or Health Conditions - Epidemiology of Diabetes
1999	University of South Carolina, Department of Epidemiology & Biostatistics, EPID 794b: Molecular Epidemiology - Biomarkers of Nutrient Intake
1998, 2000	University of South Carolina, Department of Epidemiology & Biostatistics, EPID 746: Investigative Epidemiology: Cancer - Diet Assessment
1998	University of South Carolina, Department of Epidemiology & Biostatistics, EPID 744: Investigative Epidemiology: Cardiovascular Disease - Current Research in Diet and Risk for CVD
1998	University of South Carolina, Department of Epidemiology & Biostatistics, EPID 700: Introduction to Epidemiology - Overview of Study Design
1997	University of South Carolina, Department of Epidemiology & Biostatistics, EPID 845: Doctoral Seminar - Experiences in NIH-funded Multi-center Studies

Graduate Supervision:

PhD Dissertations:

2017-Present	Daria Igudesman, MS University of North Carolina at Chapel Hill Gillings School of Global Public Health
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	PhD in Nutrition, minor in Epidemiology Primary mentor
2015-Present	Anna Kahkoska, MD-PhD candidate University of North Carolina at Chapel Hill Gillings School of Global Public Health PhD in Nutrition, minor in Epidemiology Primary mentor
2012 – 2017	Wenze (Victor) Zhong, PhD University of North Carolina at Chapel Hill Gillings School of Global Public Health PhD in Nutrition, minor in Epidemiology Understanding Hypoglycemia from Population, Individual, and Behavioral Perspectives Primary mentor
2010 - 2014	Lindsay Jaacks, PhD University of North Carolina at Chapel Hill Gillings School of Global Public Health Ph.D. in Nutrition, minor in Epidemiology Dietary Intake among Chinese Individuals with Type 1 Diabetes Primary mentor
2008 - 2010	Archana Lamichhane, PhD University of South Carolina, School of Public Health Ph.D. in Epidemiology Doctoral Committee (member) Spatial Epidemiology of Lifestyle and Childhood Diabetes Risk
2007 - 2011	Younhee Choi University of South Carolina, School of Public Health Ph.D. in Epidemiology Association between periodontitis and hyperglycemia and metabolic syndrome components.
2007 - 2009	Andrey Bortsov, MD, PhD (epidemiology) University of South Carolina, School of Public Health Ph.D. in Epidemiology Gene-Environmental Interactions with FTO Genotype in the Insulin Resistance Atherosclerosis Study
2005 - 2006	Bo Ma, MS, Ph.D. University of South Carolina, School of Public Health Ph.D. in Biostatistics Bayesian Generalized Structural Equation Modeling
1999 - 2003	Sharon Smith, M.S.P.H., Ph.D.

- University of South Carolina, School of Public Health
Ph.D. in Epidemiology
Doctoral Dissertation Committee (chair)
Leptin, Obesity and Hypertension in African American, Hispanic, and non-Hispanic White Adults
- 1999 - 2002 John Oeltmann, M.A., M.P.H., PhD
University of South Carolina, School of Public Health
Ph.D. in Epidemiology
Doctoral Dissertation Committee (chair)
Type 2 Diabetes Among Youth in South Carolina
- 1999 - 2001 Tina Costacou, M.S., Ph.D.
University of South Carolina, School of Public Health
Ph.D. in Epidemiology
Doctoral Dissertation Committee (chair)
Vitamin E in Relation to Microalbuminuria
- 1998 - 1999 Melinda Irwin, Ph.D.
University of South Carolina, School of Public Health
Ph.D. in Exercise Science
Doctoral Dissertation Committee
Physical Activity and the Multiple Metabolic Syndrome
- 1997 - 1999 Sarah Levin, Ph.D.
University of South Carolina, School of Public Health
Ph.D. in Epidemiology
Doctoral Dissertation Committee
Health Status and Health Related Behaviors of the Catawba Indian Nation
- 1994 – 1996 Angela Liese, Ph.D.
University of North Carolina, Chapel Hill
Ph.D. in Epidemiology
Doctoral Dissertation Committee
The development of the multiple metabolic syndrome: The role of insulin, anthropometric indices, and parental history.
- 1996 Ronny Bell, PhD
Wake Forest University
Doctoral Degree in Biostatistics
Doctoral Dissertation Committee

MS and MPSH Theses:

- 2017-Present University of North Carolina, Chapel Hill
MS Nutrition (BSPH-MS program)
Jennifer Mei Lyu

Nutrition Education for Patients with Type 1 Diabetes at the Peking University People's Hospital in Beijing China

- 2008 - 2011 Kathy Wojcik, MS
University of North Carolina
Gillings School of Global Public Health
MS, Nutrition
Types of infant feeding and risk of CVD in youth with diabetes
- 2002 - 2007 Ashish Dhawan, M.B.B.S.
University of South Carolina, School of Public Health
M.S.P.H. in Epidemiology
Masters Thesis Committee (chair)
Relationship of Plasma Adiponectin and Weight Loss in Type 2 Diabetes
- 2002 - 2005 Chasity Brown Springs, M.S.P.H.
University of South Carolina, School of Public Health
M.S.P.H. in Epidemiology
Masters Thesis Committee (chair)
The Association Between Self-Efficacy and Weight Loss
- 2002 - 2003 Angela D'Antonio, M.S.P.H.
University of South Carolina, School of Public Health
M.S.P.H. in Epidemiology
Masters Thesis Committee (chair)
The Association Between Diet Quality and Average Consumer Expenditures at the Grocery Store
- 2002 Saikiran Shankarnarayan, M.P.H., M.B.B.S.
University of South Carolina, School of Public Health
Masters in Public Health
Masters Thesis Committee
Postmenopausal Hormone Replacement and Obesity
- 1998 - 1999 Nicole Wedick, M.S.P.H.
University of South Carolina, School of Public Health
M.S.P.H. in Epidemiology
Masters Thesis Committee (chair)
Insulin Resistance as a Predictor of Weight Change: Rancho Bernardo Study.
- 1998 - 1999 Dulaney Wilson, M.S.P.H.
University of South Carolina, School of Public Health
M.S.P.H. in Epidemiology
Masters Thesis Committee (chair)
Age and Pre-existing Conditions as Correlates of Injury Seriousness.
- 1998 - 1999 Angelina Yearick, M.S.P.H.

University of South Carolina, School of Public Health
M.S.P.H. in Epidemiology
Masters Thesis Committee
Glutathione S-transferase (GST) Polymorphisms, Cigarette Smoking,
Well-done Meat and the Risk of Breast Cancer

1996 - 1997

Katherine Pearce, M.D., M.S.
Wake Forest School of Medicine
Master of Science in Epidemiology
Masters Thesis Committee
Postmenopausal Hormone Replacement and Obesity

1994 - 1996

Lizette Sanchez-Lugo, M.S., Ph.D.
Wake Forest School of Medicine
Master of Science in Epidemiology
Masters Thesis Committee Chair
Insulin sensitivity and intake of vitamins E and C in African American,
Hispanic, and non-Hispanic white men and women: the Insulin
Resistance and Atherosclerosis Study (IRAS).

MPH Papers:

2018- Present

Michael Lawson, MPH/RD candidate
University of North Carolina
Gillings School of Global Public Health

2016- Present

Benjamin Tzeel, MPH/RD candidate
University of North Carolina
Gillings School of Global Public Health

2016

Courtney Schnefke, MPH/RD
University of North Carolina
Gillings School of Global Public Health
Prevention Adolescent Obesity in the Primary Care Setting Through a
Multi-Component Behavioral Intervention – Local Solutions with
Considerations and Modifications for Adolescents in Mexico City

2015

Kendra B Baldwin, MPH/RD
University of North Carolina
Gillings School of Global Public Health
Perceptions of Weight Management in Adolescents with Type 1 Diabetes

2013- 2015

Fracchia, Caitlin, MPH/RD candidate
University of North Carolina
Gillings School of Global Public Health
Bardet-Biedl Syndrome: A Case Study

2013- 2015

Gore, Alannah, MPH/RD candidate

- University of North Carolina
Gillings School of Global Public Health
Growing Their Own Nutrition: Evaluating the Impact of a Community
Garden Intervention with Karen Refugees in North Carolina
- 2013- 2014 Letourneau, Lisa, MPH/RD
University of North Carolina
Gillings School of Global Public Health
Effectiveness of Probiotics in Reducing Necrotizing Enterocolitis (NEC)
Severity in Preterm or Low Birth Weight Infants: A Review of the
Literature
- 2013 Amber Pulaski, MPH/RD
University of North Carolina
Gillings School of Global Public Health
A family-centered diabetes prevention program implemented in a church
setting and targeting African American youth
- 2012- 2013 McPhail, Ashley, MPH/RD
University of North Carolina
Gillings School of Global Public Health
The Benefits of Breastfeeding and Reducing the Risk of Necrotizing
Enterocolitis in the Preterm Infant
- 2011- 2013 Frazzini, Alison, MPH/RD
University of North Carolina
Gillings School of Global Public Health
Shape Up Somerville Case Study: An evaluation of community
engagement strategies to prevent disease and promote health equity
- 2011-2013 Elizabeth Davies, MPH/RD
University of North Carolina
Gillings School of Global Public Health
Can Food Pricing Strategies Impact Obesity on the Navajo Nation?
- 2012 Whitney Franz, MPH/RD
University of North Carolina
Gillings School of Global Public Health
Co-Occurrence of Type 1 Diabetes and Celiac Disease in Youth: Clinical
Implications and Management
- 2011-2012 Emily Ford, M.P.H. (nutrition)
University of North Carolina
Gillings School of Global Public Health
Salty Snacks: How well do national nutrient databases capture the U.S.
food supply? – Carolina Population Center, Chapel Hill, NC
- 2011 Jennifer Anderson, MPH/RD

University of North Carolina
Gillings School of Global Public Health
Nutrition Support in Patients with severe acute pancreatitis

Masters Degree Practica, Consultation, and Independent Study:

- | | |
|-------------|--|
| 2007 | University of South Carolina, Arnold School of Public Health
Doctoral Consultation Practicum
Archana Pande, MS
Development Disability / Mental Retardation among infants exposed to chemical contaminants in utero |
| 2007 | University of South Carolina, Arnold School of Public Health
Doctoral Degree in Epidemiology
Independent Study
Andrey Bortsov, MD, PhD
Demographic, Behavioral, and Psychosocial Correlates of Dietary Intake in Youth with Diabetes: SEARCH for Diabetes in Youth |
| 2003 - 2005 | University of South Carolina, Arnold School of Public Health
Doctoral Degree in Biostatistics
Independent Study
Bo Ma, PhD
Association of Calcium, Magnesium, and Dairy Products with Insulin Sensitivity: Modeling Dose Response |
| 2002 - 2005 | University of South Carolina, Arnold School of Public Health
Masters in Public Health
Independent Study
Ashish Dhawan
Towards Understanding of Glycemic Index and Glycemic Load in Habitual Diet: Associations with Measures of Glycemia in the Insulin Resistance Atherosclerosis Study |
| 2002 | University of South Carolina, Arnold School of Public Health
Masters in Public Health
Independent Study
Sankar Dass
Ten-Minute Office Visit for Diabetes: Efficiency Evaluation |
| 2001 | University of South Carolina, Arnold School of Public Health
Masters in Public Health
Masters Practicum (chair)
Saikiran Shankarnarayan,
Empowering patients: patient acceptability of annual health maintenance reminder cards using patient specific health indicators. |
| 2001 | University of South Carolina, N J Arnold School of Public Health |

- Masters in Public Health
Masters Practicum (chair)
James Madson, B.S., R.N., M.P.H.
Evaluation of the Reportable Disease Surveillance System in South Carolina.
- 2001 University of South Carolina, N J Arnold School of Public Health
Independent Study (Doctoral)
Robert German, M.P.H.
Analysis of Association of Plasma and Dietary Vitamin E with Glycated Hemoglobin: Insulin Resistance Atherosclerosis Study (in progress).
- 2000 - 2003 University of South Carolina, N J Arnold School of Public Health
Doctoral Consultation Project (faculty advisor)
John Oeltmann, M.A., M.P.H.
Confidence in Diabetes Self-Management: Does Diabetes Camp Make a Difference?
- 1999 - 2001 University of South Carolina, N J Arnold School of Public Health
Masters in Public Health
Masters Practicum (chair)
Pranesh Chowdhury, M.B.B.S., M.P.H.
Impact of Non-Response on Physical Activity Data
- 1999 - 2000 University of South Carolina, School of Public Health
Independent Study (Doctoral)
John Oeltmann, M.A., M.P.H.
Methods to Establish a Registry of Type 2 Diabetes in Youth, Richland and Lexington Counties.
- 1999 - 2000 University of South Carolina, School of Public Health
Independent Study: Doctoral
Sonia Boyapati, B.S.
Measures of Health-Related Quality of Life in Persons with Type 2 Diabetes.
- 1998 - 1999 University of South Carolina, School of Public Health
Masters in Public Health
Masters Practicum (chair)
Deli Wang, M.D., M.P.H.
Health Care Utilization and Diabetes.
- 1998 - 1999 University of South Carolina, School of Public Health
Masters in Public Health in Epidemiology
Masters Practicum (chair)
Sedaka Temanna, M.B.B.S., M.P.H.
Hospitalization for Acute Myocardial Infarction and Stroke Among Persons with diabetes in South Carolina: 1997-1998.

1998 - 1999	University of South Carolina, School of Public Health Masters in Public Health in Epidemiology Masters Practicum (chair) Mohammed Ullah, M.B.B.S., M.P.H. Emergency Room Utilization for Diabetes Mellitus and Related Complications in South Carolina.
1998 - 1999	University of South Carolina School of Public Health Doctoral Consultation Project (faculty advisor) Tina Costacou, M.Sc. Prevalence of Vision-Threatening Conditions in South Carolina
1998 - 1999	University of South Carolina School of Public Health Doctoral Consultation Project (faculty advisor) Sarah Levin, M.A. Diabetes and Health Surveillance in the Catawba Indian Nation

Other Supervision:

UNDERGRADUATE HONORS THESIS PROJECTS:

2017- Present	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Kevin Travia Understanding the Impact of Hurricane Matthew on Food Security and Diabetes-Related Outcomes in Adults with Type 2 Diabetes in Robeson County, NC
2016-Present	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Sanjay Gadi Using Motivational Interviewing to More Effectively Deliver Type 1 Diabetes Self-Management Information during Short Physician Visits in Beijing, China.
2016-Present	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Violet Simmons Noe Assessing Food Security in the Context of Diabetes in Pediatric Populations
2016-Present	University of North Carolina Gillings School of Global Public Health

	B.S.P.H. in Nutrition Abhinav Sehgal
2015-Present	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Jennifer Mei Lyu Barriers and Facilitators to Meal Planning Strategies among Type 1 Diabetes Patients in Beijing, China
2015-2017	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Madison Watts Role of Providers in Support of Weight Management in Adolescents with Type 1 Diabetes
2014- 2016	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Tafadzwa Matika Diabetes Mellitus and Associated Risk Factors among HIV Positive Patients at Parirenyatwa Hospital Family Care Center, Africa
2012- 2014	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Rebecca Lane Examining the Correlation Between C-reactive protein Concentration and Glycemic Variability in Adults with Type 2 Diabetes
2011 - Present	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Michelle Kuei The Development of Culturally Appropriate Diabetes Prevention in Uganda
2011 - Present	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition Erica Andrews Pediatric Patient Perception of Mid-level Providers and their Role in Diabetes Care and Management
2009 - 2011	University of North Carolina Gillings School of Global Public Health B.S.P.H. in Nutrition

- Kaitlyn Jongkind
E-Health for EBCI: A Web-Based Community Resource Guide for Cherokee
- 2009 University of North Carolina
Gillings School of Global Public Health
Alexandra McTier
Physical Activity and Periodontal Disease in Youth with Diabetes
- 2007 University of South Carolina, Honors College
Magellan Scholar for Undergraduate Research
Tamara Looney
Accuracy of Carbohydrate Counting in Adolescents with Type 1 Diabetes
- OTHER:***
- 2016-2017 Dr. Charles Wood
Division of General Pediatrics and Adolescent Medicine
University of North Carolina, Chapel Hill
- 2012- Present Dr. Amy Mottl
Junior Faculty, Nephrology
University of North Carolina, Chapel Hill
- 2012-2015 Dr. Lydia Snyder
Pediatric Endocrinology Fellow
University of North Carolina, Chapel Hill Hospital
- 2011-2013 Dr. Jennifer Law
Pediatric Endocrinology Fellow
University of North Carolina, Chapel Hill Hospital
- 2013 Project IMHOTEP
Morehouse College
Zachary Jackson
Project: Tribal Turning Point
- 2007 NIH Post-baccalaureate Research Education Program (PREP)
University of South Carolina School of Public Health
Cassandra Caddell
Recruitment of Children with Diabetes to the SEARCH for Diabetes in Youth Project: Enhancing Minority Inclusion

CONTRACTS AND GRANTS

Active Research:

- 2017-2021 Title: ***Nutrition Training Grant***
Grant #: T32
Agency: NIH
Role: Principal Investigator
Total Award: \$1,695,787
- 2017-2021 Title: ***Accelerating Solutions to Optimize Glycemic Control and Weight Management in Young Adults with Type 1 Diabetes***
Grant #: 1DP3DK113358-01
Agency: NIH/NIDDK
Role: Principal Investigator
Total Award: \$1,911,815
- 2017-2021 Title: ***Characterizing Impulsivity as a Determinant of Weight and Glycemic Control in Youth with Type 1 Diabetes***
Grant #: 1-F30-DK113728-01A1
Agency: NIH/NIDDK
Role: Principal Investigator (Fellow: A Kahkoska)
Total Award: \$38,017
- 2016 - 2018 Title: ***Harmonization of Existing Registries of Diabetes in Youth***
Grant #: R21DK105869-01
Agency: NIH/NIDDK (CO School of Public Health Prime)
Role: Co-Principle Investigator
Total Award: \$18,376
- 2015 - 2020 Title: ***SEARCH for Diabetes in Youth Registry Study, Phase 4: Carolina Center*** (Component A)
Grant #: 1 U18 DP006138-01
Agency: CDC/DDT; NIH/NIDDK
Role: National Study Co-Chair; Subsite PI
Total Award: \$294,000 annual contract
- 2015 - 2020 Title: ***SEARCH for Diabetes in Youth Cohort Study***
Grant #: 1 UC4DK108173-01
Agency: NIH; NIDDKD; DHHS
Role: Sub Contractor; Subsite PI, National Chairperson of this multi-center project
Total Award: \$294,000 annual contract
- 2015 - 2018 Title: ***SEARCH for Diabetes in Youth 3: Carolina Site***
Grant #: 1 U18 DP002708-01
Agency: CDC /DDT; NIH/NIDDK.
Role: Principal Investigator (Note, grant moved to UNC with PI, 2008)
National Chairperson of this multi-center project
Total Award \$3,639,600
- 2014 - 2018 Title: ***SEARCH Nutrition Ancillary Study 2 (SNAS 2)***

- Grant #: 2 R01 DK077949
Agency: NIH/NIDDK
Role: Co-Principal Investigator
Total Award: \$2,310,344
- 2013 - 2018 Title: *North Carolina Translational & Clinical Sciences Institute (NC TraCS)*
Grant #: UL1TR001111-03 (Buse)
Agency: NIH/NCATS
Role: Investigator
Total Award: \$1,230,819
- 2013 - 2018 Title: *FL3X: An Adaptive Intervention to Improve Outcomes for Youth with Type 1 Diabetes*
Grant #: 1UC4DK101132-01
Agency: NIH/NIDDK
Role: Co-Principal Investigator
Total Award: \$6,949,173
- 1999 - 2021 Title: *UNC Nutrition Obesity Research Center*
Grant #: 2 P30 DK 056350 16 (Zeisel/Mayer-Davis)
Agency: NIH/NIDDK
Role: Center Co-Director
Total Award: \$749,957 annual contract

Completed Research

- 2016 - 2017 Title: *Training Renal Dietitians: Addressing a Critical Need for Collaborative Nutrition Therapy Across the Spectrum of Chronic Kidney Disease*
Grant #: 15-2490
Agency: Renal Research Institute (RRI)
Role: Principal Investigator
Total Award: \$147,681
- 2014 – 2017 Title: *Measures of Hypoglycemia and Glycemic Variability Using Continuous Glucose Monitoring in the FL3X Intervention for Youth With Type 1 Diabetes*
Grant #: 2014PG-T1D030
Agency: Leona M and Harry B Helmsley Charitable Trust
Role: Principal Investigator
Total Award: \$51,610
- 2015 - 2016 Title: *Tribal Turning Point: Pilot Study for Prevention of T2D in American Indian Youth (R34)*
Agency: NIH/NIDDK (score, 21)
Role: Principal Investigator
Total Award: \$444,621

- 2014 - 2016 Title: ***Eating Patterns and Food Intake of Persons with Type 1 Diabetes***
Agency: Jaeb Center for Health Research Foundation
Role: Principal Investigator
Total Award: \$92,725
- 2015 Title: ***Nutrition and Metabolic Status in Youth with Type 1 DM: Search Ancillary Study (SNAS)***,
Grant #: 1 R01 DK077949-01A1
Agency: NIH (NIDDK / NHLBI)
Role: Principal Investigator
Total Award: \$2,994,795
- 2013 - 2015 Title: ***Tribal Turning Point: Pilot Study for Prevention of T2D in American Indian Youth (R34)***
Agency: NIH/NIDDK (score, 21)
Role: Principal Investigator
Total Award: \$444,621
- 2012 Title: ***FI3X: An Adaptive Intervention to Improve Outcomes for Youth with T1 Diabetes (R34)***
Agency: NIH/NIDDK
Role: Principal Investigator
Total Award: \$119,314 (year 1)
- 2011 - 2016 Title: ***Emergence of Cardiometabolic Risk across the Lifespan***
Agency: NIH
Role: Co-PI
Total Award: \$655,476
- 2010 - 2015 Title: ***SEARCH for Diabetes in Youth 3: Carolina Site***,
Grant #: 1U18DP002708-01
Agency: CDC / Division of Diabetes Translation (DDT) and NIH/NIDDK.
Role: Principal Investigator (Note, grant moved to UNC with PI, 2008)
National Chairperson of this multi-center project
Total Award \$3,639,600
- 2010 - 2012 Title: ***DMHEALTH: Feasibility of a Cell-phone Adherence Trial for Underserved T1DM Youth (R21DK 085483)***
Agency: NIH/NIDDK
Role: PI
Total Award: \$290,156
- 2009 - 2012 Title: ***Pilot Studies of the Impact of Diet and Physical Activity on Glucose Excursions in Patients with Type 1 Diabetes.***
Agency: Abbott Diabetes Care
Role: Principal Investigator

Total Award: \$24,385

- 2008 - 2013 Title: *Nutrition and Metabolic Status in Youth with Type 1 DM: Search Ancillary Study (SNAS)*, Grant #1R01DK077949-01A1
Agency: NIH (NIDDK / NHLBI)
Role: Principal Investigator
Total Award: \$2,994,795
- 2005 - 2010 Title: *SEARCH for Diabetes in Youth 2: Carolina Site*,
Grant #: 1U01DP0002 54 01
Agency: CDC / Division of Diabetes Translation (DDT) and NIH/NIDDK.
Role: Principal Investigator (Note, grant moved to UNC with PI, 2008)
National Chairperson of this multi-center project
Total Award \$3,249,184
- 2004 - 2009 Title: *Type 1 Diabetes Genetics Consortium: North American Network Clinical Recruitment Site*.
Contract #: U01 DK062418
Agency: NIH/NIDDK
Role: Principal Investigator
Fee for service contract
- 2008 - 2009 Title: *Diabetes Prevention Program Outcomes Study (DPPOS)*,
Grant #: U01-DK-048489
Agency: Subcontract to George Washington University; NIH/NIDDK
Role: Consortium Principal Investigator
Total Award \$32,532 (transferred to UNC from Univ of South Carolina)
- 2003-2009 Title: *Bridging Barriers to Diabetes Care with Telemedicine*,
Grant #: 5 R18 DK067312-04
Agency: NIH/NIDDK
Role: Co-Principal Investigator (Richard Davis, Principal Investigator, University of South Carolina, School of Medicine)
Total Award: \$2,413,032
- 2003 - 2008 Title: *The HHER Lifestyle Program for CVD Risk Reduction*,
Grant #: 5R01HL0730
Agency: NIH / NHLBI
Role: Co-Principal Investigator (Deborah Parra-Medina, Principal Investigator, University of South Carolina)
Total Award: \$2,152,232
- 2002 - 2008 Title: *Look AHEAD- Diet Assessment Center: Action for Health in Diabetes*,
Grant #: 5 U01 DK57136
Agency: Subcontract to Wake Forest University; NIH/NIDDK
Role: Consortium Principal Investigator

Total Award: \$609,298

- 2003 - 2008 Title: ***Diabetes Prevention Program Outcomes Study (DPPOS)***,
Grant #: U01-DK-048489
Agency: Subcontract to George Washington University; NIH/NIDDK
Role: Consortium Principal Investigator
Total Award \$411,473
- 2003 - 2008 Title: ***Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY)***,
Grant #: 5U01DK0612
Agency: Subcontract to George Washington University; NIH/NIDDK
Role: Consortium Principal Investigator
Total Award: \$284,157
- 2002- 2007 Title: ***Exploring Diabetes and Depression in Youth***,
Grant #: R01MH068126-04
Agency: NIH
Role: Co-Principal Investigator (Robert McKeown, Principal Investigator, University of South Carolina)
Total Award: \$1,074,851
- 2001-2007 Title: ***Defining Diabetes in Youth: Diversity in 3 Populations***,
Grant #: 1R01DK059184-01A2
Agency: NIH/NIDDK
Role: Consortium PI (Richard Hamman, Principal Investigator, University of Colorado)
Total Award: \$1,178,909 (USC subcontract)
- 2000-2005 Title: ***South Carolina Diabetes Child and Adolescent Registry, Clinical Site: SEARCH for Diabetes in Youth***,
Grant #: U48CCU41924903
Agency: CDC / Division of Diabetes Translation (DDT) and NIH/NIDDK
Role: Principal Investigator
Total Award: \$3,139,553
- 2001-2004 Title: ***Project 9: Rural and Minority Health Initiative Between University of South Carolina and South Carolina State University; South Carolina Biomedical Research Infrastructure Network (BRIN)***,
Grant # 1P20RR16461
Agency: NIH
Role: Co-Investigator (John Baines, Principal Investigator)
- 2002-2003 Title: ***Patient-Centered Diabetes Team Care Initiative***
Agency: School of Medicine/School of Public Health Collaborative Research Incentive Program
Role: Co-Principal Investigator (Trish Witherspoon, Principal

- Investigator)
Total Award: \$19,848
- 2001-2002 Title: ***Analysis of Whole Grain Intake and Insulin Sensitivity: Insulin Resistance Atherosclerosis Study, Ancillary Study***
Agency: General Mills, Inc.
Role: Principal Investigator
Total Award: \$20,000
- 2001 Title: ***Dual Energy X-Ray Absorptiometry for Accurate Measurement of Obesity***
Agency: South Carolina Research Institution, Infrastructure Assistance
Role: Principal Investigator
Total Award: \$45,000
- 2000-2001 Title: ***Telemedicine Weight Management Program for Rural Communities: Pounds Off With Empowerment (TelePOWER)***
Agency: Hoffman-LaRoche Foundation
Role: Co-Principal Investigator (S Fowler, Principal Investigator)
Total Award: \$194,992
- 2000-2002 Title: ***Complimentary and Alternative Medicine with Curative Intent: Diabetes***
Agency: Centers for Disease Control and Prevention
J Teas, Principal Investigator, University of South Carolina
Role: Co-Investigator
- 2001-2002 Title: ***Richland and Lexington County Adolescent Diabetes Registry***
Agency: Richland Memorial Hospital Developmental Award
Role: Principal Investigator
Total Award: \$7000
- 1999 - 2016 Title: ***UNC Nutrition Obesity Research Center***, Grant #
3P30DK05635011 (Zeisel)
Agency: NIH/NIDDK
Role: Deputy Director, and Director of the Diet, Physical Activity, and Body Composition Core
Total Award: \$750,000 annual direct
- 1999-2003 Title: ***Multi-Ethnic Study of Atherosclerosis, Diet Assessment Center***
Agency: Subcontract to University of Washington; NIH / NHLBI
Role: Consortium Principal Investigator
Total Subcontract Award: \$277,000
- 1998-2001 Title: ***Strategies for Weight Management in Type 2 Diabetes: Pounds Off With Empowerment (POWER)***
Agency: CDC / Division of Nutrition and Physical Activity and DDT (Supplement to USC Prevention Research Center Core)

- Role: Principal Investigator
Total Award: \$891,425
- 1998-1999 Title: ***Diabetes and Health Surveillance among Native Americans***
Agency: NIH/NHLBI, Small grants for Minorities in Diabetes, Digestive, and Kidney Diseases
RA Bell, Principal Investigator, Wake Forest University
Beth Mayer-Davis, Mentor
Total Award: \$71,442
- 1998-2001 Title: ***Vitamin E, Insulin Resistance and Atherosclerosis: An Ancillary Study to the Insulin Resistance Atherosclerosis Study (IRAS)***
Agency: American Diabetes Association
Role: Principal Investigator
Total Award: \$196,365
- 1997-1998 Title: ***Diabetes Health Surveillance in the Catawba Indian Nation***
Agency: University of South Carolina Productive Scholarship and Research Grants
Role: Principal Investigator
Total Award: \$8500
- 1995-2003 Title: ***Diabetes Prevention Program, Diet Assessment Center***
Agency: Subcontract to George Washington University; NIH/NIDDK
Role: Principal Investigator
Total Award: \$245,168
- 1994-1999 Title: ***Diet, Insulin Resistance, and Cardiovascular Risk***
Agency: NIH/NHLBI, FIRST Award
Role: Principal Investigator
- 1994-1997 Title: ***Physical Activity Intervention in Health-Care Settings for High-Risk Sedentary Adults: Activity Counseling Trial (ACT)***
Agency: NIH/NHLBI
Role: Co-Investigator / Consultant (T Morgan, Principal Investigator, Wake Forest University, Coordinating Center)
- 1994-1999 Title: ***Insulin Resistance Atherosclerosis Study (IRAS)***
Agency: NIH/NHLBI
J Selby, Principal Investigator, Kaiser Permanente, Northern California, Clinical Site
G Howard, Principal Investigator, Wake Forest University, Coordinating Center, Beth Mayer-Davis, Co-Investigator
- 1990 -1994 Title: ***Kaiser Permanente Women Twins Study***
Agency: NIH/NHLBI
Role: Co-Investigator (J Selby, Principal Investigator, Kaiser Permanente Northern California Division of Research)

1988-1991 Title: *San Luis Valley Diabetes Study*
Agency: NIH/NIDDK
Role: Co-Investigator (R Hamman, Principal Investigator, University of Colorado)

PROFESSIONAL SERVICE

To Discipline:

NATIONAL OFFICES AND COMMITTEES:

2011 - 2017 Appointed by President Barack Obama to serve on the Advisory Group on Prevention, Health Promotion and Integrative and Public Health

1999 – Present **American Diabetes Association***

2017-	Heritage Council Member
2017-	Pathway Mentor Advisory Group
2016-2018	Scientific Sessions Program Steering Committee
2013-2016	Past President of Health Care and Education Research Policy Committee
2011-2013	President of Health Care and Education Board of Directors Member
2010	President-Elect of Health Care and Education
2009	Vice President of Health Care and Education
2008 - 2009	Publications Policy
2008 - 2009	Health Care Reform Task Force
2005 - Present:	Board of Directors
2007 - Present:	Cardiometabolic Risk Initiative
2004 - 2005	Chair, Council on Epidemiology and Statistics
2004 - 2005	Nutrition Subcommittee for the ADA Scientific Sessions Planning Committee
2005 - 2007	Professional Practice Committee
2004 - 2005	Scientific Sessions Planning Committee
2004 - 2008	Grant Review Panel
2003 - 2007	Kelly West Award Selection Committee
1999 - Present	Review Committee: Nutrition Recommendations

CONSULTANTS:

2014 Title: Chinese Diabetes Society, development of type 1 diabetes registry
Agency: Chinese Diabetes Society, Guanzhou City
Role: Consultant

2014 Title: *T1D Exchange, Dallas, TX*
Agency: JAEB Center for Health Research
Role: Consultant

- 2014 Title: *Environmental Triggers for T1D*
Agency: NIH/TEDDY
Role: External Advisor
- 2013 Title: *Partners in Patient Health*
Agency: Sanofi
Role: Consultant
- 2007- 2009 Title: *Spatial Epidemiology of Diabetes in the SEARCH for Diabetes Study*, Grant # 1R01KD077131-01
Agency: NIH
Role: Consultant, (Angela Liese, Principal Investigator, University of South Carolina)
- 2008 Title: *Look AHEAD (Diet Assessment Center)* Grant # WHUHS 14108
Agency: NIH
Role: Consultant, (Wake Forest University)
- 2008 Title: *EPOCH*
Agency: University of South Carolina
Role: Consultant

EDITORIAL BOARD:

- 2012 Current Diabetes Reports: Section Editor.
- 2005 – 2008 Diabetes Care: Associate Editor
- 1999 – 2002 Exercise and Sport Sciences Reviews Associate Editor, Epidemiology

MEMBERSHIPS:

- IOM Roundtable on Population Health Improvement Action Collaborative on Bridging Public Health, Health Care, and Community
- American Diabetes Association
- American Society for Nutrition
- Academy of Nutrition and Dietetics (formerly the American Dietetic Association)
- American Heart Association
- American Public Health Association
- Societies for Experimental Biology(FASEB)/American Society for Clinical Nutrition
- The Obesity Society

Other:

GRANT REVIEWS:

2017 - Present	NIDDK Study Section standing member: Clinical and Integrative Diabetes and Obesity (CIDO)
2013	Diabetes Endocrinology Research Center (Baylor College of Medicine, Houston, TX)
2012	NIH PAR-14-065: ZDKI GRB-N. Research Using Subjects from Selected T1D Clinical Studies: Living Biobank
2005 – 2007	Chair – NIH Special Emphasis Panel to review the R18 and R34 grant applications on "Translational Research for the Prevention and Control of Diabetes"
2003 - Present	NIH/NIDDK. Diabetes Translational Research Special Emphasis Panels
1997 - Present	NIH ad hoc reviewer, average 2 per year

EDITORIAL REVIEWS (REVIEWS IN THE LAST 3 YEARS):

American Diabetes Association Abstract Review
American Journal of Clinical Nutrition
American Journal of Epidemiology
British Journal of Nutrition
Diabetes
Diabetes Care
Diabetes Metabolism, Research and Reviews
Diabetologia
European Journal of Clinical Nutrition
International Journal of Obesity

OTHER PROFESSIONAL SERVICE:

2015-2016	Institute of Medicine—Roundtable—Population Health Action Collaboratory*
2014	TEDDY External Evaluation*
2014	T1D Exchange*
2013	NIH, Environmental triggers for T1D* External Advisory Board
2013	Sanofi Thinktank

2008 - Present	North Carolina Diabetes Advisory Council*
2004 - 2006	National Diabetes Education Program* Gestational Diabetes Mellitus Committee
2003 - 2007	South Carolina Nutrition Research Consortium Executive Board
2002 - 2003	Winthrop University* Department of Human Nutrition Dietetic Intern Preceptor
2002 - Present	NIH/NIDDK The Environmental Determinants of Diabetes in the Young Study (TEDDY) External Scientific Board
2002 - 2004	General Mills Speakers' Bureau*
1999	Task Force, Impact of Obesity on Health in South Carolina* South Carolina, Department of Health and Environmental Control
1998 - Present	Diabetes Initiative of South Carolina* Executive Board Member.
1998 - Present	Diabetes Initiative of South Carolina* University of South Carolina Site, Member, Governing Board; Chair, Research Committee

***These activities represent translation of research to clinical and public health practice**

UNIVERSITY SERVICE:

2019- Present	University of North Carolina at Chapel Hill National Advisory Board Bryson Center for Judicial Science
2017- Present	University of North Carolina at Chapel Hill Vice Chancellor Magnuson Committee on Precision Health and Society
2018- Present	University of North Carolina at Chapel Hill Accreditation Committee
2017- Present	University of North Carolina at Chapel Hill Faculty Executive Committee
2017-2018	University of North Carolina at Chapel Hill Faculty Hearing Committee
2017	University of North Carolina at Chapel Hill Distinguished Professorship Committee

2017	SPH--University of North Carolina at Chapel Hill Organization and Development Task Force
2016-Present	University of North Carolina at Chapel Hill NC Translational Research and Clinical Sciences (TraCS) Steering Committee
2016-Present	University of North Carolina at Chapel Hill Faculty Council Member
2016-Present	Chair of the Chairs
2017	UNC University Distinguished Professors Selection Committee
2016	SEARCH Committee for School of Nursing Dean
2015-2016	SPH Organizational Plan Steering Committee
2015-2016	SPH MPH Core Planning Committee
2015	Food Theme Steering Committee
2014- Present	University of North Carolina at Chapel Hill Chair, Department of Nutrition
2014	University of North Carolina at Chapel Hill, Gillings School of Global Public Health Chair, Dean for Advancement Search Committee
2013-2014	University of North Carolina at Chapel Hill Interim Chair, Department of Nutrition
2012	University of North Carolina at Chapel Hill School of Public Health 2020 Admissions Practices Committee
2012	University of North Carolina at Chapel Hill Elected to serve as the SPH Representative on the Faculty Council
2011- Present	University of North Carolina at Chapel Hill Member of the Search Committee for the University of North Carolina Diabetes Center
2011- Present	University of North Carolina at Chapel Hill Department of Nutrition Committee for Academic Diversity
2010-2017	University of North Carolina at Chapel Hill NC Translational Research and Clinical Sciences (TraCS) Pilot Program Study Section

2008 - Present	University of North Carolina at Chapel Hill Master's in Public Health (MPH) Committee - Chair
2006 - 12/2007	University of South Carolina General Education Work Team: Global Awareness and Multicultural Understanding
2006 - 12/2007	University of South Carolina, Arnold School of Public Health, Chair, Search Committee for Child/Family Obesity cluster hire
2006 - 12/2007	University of South Carolina Office of Research and Health Sciences Research Council
2005 - 12/2007	University of South Carolina, School of Medicine Clinical Research Institute, Advisory Board and Mentor
2005 - 12/2007	University of South Carolina Arnold School of Public Health Research Advisory Committee
2006 - 2007	University of South Carolina University Committee on Tenure and Promotion
2003	University of South Carolina, Search Committee for Vice President of Health Sciences and Research, Arnold School of Public Health Representative
2003 - 2005	University of South Carolina, Arnold School of Public Health Faculty Research Award Committee
2002 - 2004	University of South Carolina, Biomedical Research Initiative Steering Committee, Arnold School of Public Health Representative
2002	University of South Carolina, Arnold School of Public Health Academic Responsibility Committee, Chair
2002 - 2004	University of South Carolina, Arnold School of Public Health Tenure and Promotion Committee, Chair
2002 - 2003	University of South Carolina, Arnold School of Public Health Department of Epidemiology and Biostatistics, Curriculum Committee
2001 - 2003	University of South Carolina, Sponsored Programs and Research Reviewer, Research and Productive Scholarship grant program
2001 - 2002	University of South Carolina Institutional Review Board, Alternate
2001 - 2002	University of South Carolina, NJ Arnold School of Public Health Research Advisory Committee
2001 - 2005	University of South Carolina, NJ Arnold School of Public Health

- Nutrition Research Center, Task Force for Planning
- 2000 - 2002 University of South Carolina, NJ Arnold School of Public Health
Department of Epidemiology and Biostatistics, Member
Comprehensive Examination Committee
- 1999 - 2001 University of South Carolina, NJ Arnold School of Public Health
Obesity Research Working Group, Chair
- 1999 - 2000 University of South Carolina, Search Committee, Chair of the
Department of Epidemiology and Biostatistics (committee chair)
- 1998 - 2000 University of South Carolina
Health Science Associate Deans' Committee
Ad hoc member for interdisciplinary course in bioethics.
- 1997 - 1998 University of South Carolina
Women's Mentoring Network, Mentor
- 1997 - 2000 University of South Carolina N J Arnold School of Public Health
Department of Epidemiology and Biostatistics, Member Admissions
Committees
- 1996 - 1997 Bowman Gray School of Medicine
Center for Research on Human Nutrition and Chronic
Disease Prevention: Communications and Public Relations
Committee
- 1995 - 1997 Bowman Gray School of Medicine
Member, Epidemiology Graduate Program Steering Committee
- 1994 - 1997 Bowman Gray School of Medicine
Public Health Sciences Department, Computing Committee
- 1994 - 1997 Bowman Gray School of Medicine
Center for Research on Human Nutrition and Chronic
Disease Prevention: Dietary Salt and Sugar Research Group
- 1994 - 1997 Bowman Gray School of Medicine
Center for Research on Human Nutrition and Chronic
Disease Prevention: Dietary Lipids and Cholesterol
Research Group