

Curriculum Vitae
LISA HARNACK, DrPH, RD

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EDUCATION

- 1996 Post-Doctoral Fellowship, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN
- 1996 Doctorate in Public Health, School of Public Health, University of California at Berkeley, Berkeley, CA
- 1993 Masters in Public Health, School of Public Health, University of California at Berkeley, Berkeley, CA
- 1989 Internship in Dietetics, Yale New Haven Hospital, New Haven, CT
- 1988 Bachelor of Science in Dietetics, University of Wisconsin at Stout, Menomonie, WI
- 1986 Associate of Arts, Rochester Community College, Rochester, MN

ACADEMIC AND PROFESSIONAL EXPERIENCE

- 2023-present Interim Division Head, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN
- 2010- present Professor, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN
- 2007-present Director, Nutrition Coordinating Center, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN
- 2015 - 2021 Co-Director, Healthy Weight Research Center, Division of Epidemiology and Community Health School of Public Health, University of Minnesota, Minneapolis, MN
- 2003-2010 Associate Professor, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN
- 1998-2007 Assistant Director, Nutrition Coordinating Center, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN

1998-2003	Assistant Professor, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN
1996-1998	Research Associate, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN
1994-1996	Research Assistant, School of Public Health, University of California, Berkeley, CA
1993-1994	Teaching Assistant, School of Public Health, University of California, Berkeley, CA
1992	Hunger and Nutrition Fellow, California Rural Legal Assistance Foundation, San Francisco, CA
1989-1991	Clinical Dietitian, Mayo Medical Center, Rochester, MN

PUBLICATIONS

Peer-Reviewed Articles ^(a) senior author, ^b student/trainee advisee)

2024

1. **Harnack LJ**, Oakes JM, Elbel B, Rydell SA, Lasswell TA, Mitchell NR, Valluri S, French SA. Effects of inclusion of food purchase restrictions and incentives in a food benefit program on diet quality and food purchasing: Results from a randomized trial. *J Acad Nutr Diet*. 2023 Dec 3:S2212-2672(23)01713-6. doi: 10.1016/j.jand.2023.11.024. Epub ahead of print. PMID: 38052304.
2. Gillespie S, Hodges HR, Abdi K, Gibson H, **Harnack L**, Ferguson GM. Remote enculturation among Black immigrant adolescents in the United States *Journal of Applied Developmental Psychology* 91, 101627

2023

3. Loth KA, Hersch D, Trofholz A, **Harnack L**, Norderud K. Impacts of COVID-19 on the home food environment and eating related behaviors of families with young children basd on food security status. *Appetite*. 2023. 180:106345. PMID: 36257356.
4. Jilcott Pitts SB, Wu Q, Moran NE, Laska MN, **Harnack L**. Examining potential modifiers of human skin and plasma carotenoid responses in a randomized trial of a carotenoid-containing juice intervention. *J Nutr*. 2023 Nov;153(11):3287-3294. doi: 10.1016/j.tjn.2023.09.014. Epub 2023 Sep 23. PMID: 37742797; PMCID: PMC10687613.
5. Caspi CE, Gombi-Vaca MF, Wolfson J, **Harnack LJ**, De Marco M, Pratt R, Durfee T, Myers SL Jr. Early results of a natural experiment evaluating the effects of a local minimum wage policy on the diet-related health of low-wage workers, 2018-2020. *Public Health Nutr*. 2023 Nov;26(11):2573-2585. PMID: 37548177; PMCID: PMC10641626.
6. Lorenzana Peasley JM, **Harnack LJ**, Anater AS, Lopes TD, de Brito JN, Schmitz KL. Adapting a US dietary analysis software and nutrient database for use in Brazil. *Journal of Food Composition and Analysis*. 2023, 121: 105364. PMID: 37637755; PMCID: PMC10448706.

7. Brady PJ, **Harnack L**, Widome R, Berry KM, Valluri S. Food security among SNAP participants 2019 to 2021: A cross-sectional analysis of current population survey food security supplement data. *Journal of Nutritional Science*. 2023, 12: e45. PMID: 37123392; PMCID: PMC10131048.
8. Brady P, **Harnack L**, Widome R, Berry KM, Valluri S. Use of the emergency food system among food insecure, low-income households in the United States 2015 to 2020. *Journal of Hunger and Environmental Nutrition*. 2023, 18;2:145-163. PMID: 36910336; PMCID: PMC10002470.
9. Jilcott Pitts S, Moran NE, Laska MN, Wu Q, **Harnack L**, Moe SG, Carr-Manthe P, Gates E, Change J, Zaida Y, Gelineau A, Berg L, Craft NE. Reflection spectroscopy-assessed skin carotenoids are sensitive to change in carotenoid intake in a 6-week randomized controlled feeding trial in a racially/ethnically diverse sample. 2023; 153;4: 1133-1142. PMID: 36804322; PMCID: PMC10356992.

2022

10. Anater AS, Hampton JC, Lopes, TD, Giuntini EB, Campas VC, **Harnack LJ**, Lorenzana Peasley JM, Eldridge AL. Nutrient intakes among Brazilian children need improvement and show difference by region and socioeconomic level. *Nutrients*. 2022 14(3): 485. PMCID: PMC8837958.
11. **Harnack LJ**, Reese MM, Johnson AJ. Are plant-based meat alternative products healthier than the animal meats they mimic? *Nutrition Today*. 2022, 57(4) 195-199.
12. Jilcott Pitts SB, Moran NE, Wu Q, **Harnack L**, Craft NE, Hanchard N, Bell R, Moe SG, Johnson N, Obasohan J, Carr-Manthe PL, Laska MN. Pressure-mediated spectroscopy criterion validity as a biomarker of fruit and vegetable intake: A 2-site cross-sectional study of 4 racial or ethnic groups. *J Nutr* 2022 152(1):107-116. PMCID: PMC8754514.
13. Caspi CE, De Marco M, Welle E, Sadeghzadeh C, Chapman L, **Harnack LJ**, Pratt RJ. A qualitative analysis of SNAP and minimum wage policies as experienced by workers with lower incomes. *Journal of Hunger and Environmental Nutrition*. 2022. 17(4): 521-539. PMID: 36117544.
14. ^bFagbenro FA, Lasswell T, Rydell SA, Oakes JM, Elbel B, **Harnack LJ**. Perceptions of a food benefit program that includes financial incentives for the purchase of fruits and vegetables and restrictions on food high in added sugar. *Public Health Nutrition*. 2022 June;25(6): 1528-1536. PMID: 33706823.

2021

15. **Harnack L**, Mork S, Valluri S, Weber C, Schmitz K, Stevenson J, Pettit J. Nutrient composition of a selection of plant-based ground beef alternative products available in the United States. *J Acad Nutr Diet*. 2021 121(12):2401-2408. PMCID: PMC8608686.
16. ^bWeber C, **Harnack L**, Johnson A, Jasthi B, Pettit J, Stevenson J. Nutrient comparisons of margarine/margarine-like products, butter blend products and butter in the US marketplace in 2020 post-FDA ban on partially hydrogenated oils. *Public Health Nutr*. 2021 Nov 2:1-8. Online ahead of print.

17. Kay MC, Duffy EW, **Harnack LJ**, Anater AS, Hampton JC, Eldridge AL, Story M. Development and application of a total diet quality index for toddlers. *Nutrients*. 2021 13(6): 1943. PMID: PMC8229507.
18. Nagel EM, Kummer L, Jacobs DR, Foster L, Duncan K, Johnson K, **Harnack L**, Haapala J, Kharoud H, Gallagher T, Kharbanda EO, Pierce S, Field DA, Demerath EW. Human milk glucose, leptin, and insulin predict cessation of full breastfeeding and initiation of formula use. *Breastfeed Med*. 2021 16(12):978-986. PMID: PMC8713450.
19. Al-Shaar L, Yuan C, Rosner B, Dean SB, Ivey KL, Clowry CM, Sampson LA, Barnet JB, Rood J, **Harnack LJ**, Block J, Manson JE, Stampfer MJ, Willett WC, Rimm EB. Reproducibility and validity of a semi-quantitative food frequency questionnaire in men assess by multiple methods. *American Journal of Epidemiology*. 2021 190(6):1122-1132. PMID: PMC8168140.
20. Loth KA, Fertig A, Trofholz A, **Harnack L**, Crosby R, Neumark-Sztainer D, Berge JM. Concordance of children's intake of selected food groups as reported by parents via 24-h dietary recall and ecological momentary assessment. *Public Health Nutrition*. 2021 24(1):22-33. PMID: PMC8865376.
21. ^bValluri S, Mason SM, Peterson HH, French SA, **Harnack LJ**^a. Trends in cyclical food expenditures among low-income households receiving monthly nutrition assistance: results from a prospective study. *Public Health Nutrition*. 24(3):536-543. PMID: PMC7855890.
22. ^bValluri S, Mason SM, Peterson HH, French SA, **Harnack LJ**^a. The impact of financial incentives and restrictions on cyclical food expenditures among low-income households receiving nutrition assistance: a randomized controlled trial. *Int J Behav Nutri Phys Act*. 2021 18(1):157. PMID: PMC8642917.
23. **Harnack L**, Redden J, French S, Sherwood NE, Rivera G, Valluri S, Tahir M. Designing online grocery stores to support healthy eating for weight loss. *Public Health Nutrition*. 2021 Feb 26:1-33. PMID: PMC8387504.
24. Caspi CE, De Marco M, Durfee T, Oyenuga A, Chapman L, Wolfson J, Myers S Jr, **Harnack LJ**. A difference-in-difference study evaluating the effect of minimum wage policy on body mass index and related health behaviors. *Obs Study*. 2021 Feb 7. PMID: PMC7929481.
25. Larson N, Slaughter-Acey J, Alexander T, Berge J, **Harnack L**, Neumark-Sztainer D. Emerging adults' intersecting experiences of food insecurity, unsafe neighbourhoods and discrimination during the coronavirus disease 2019 (COVID-19) outbreak. *Public Health Nutrition*. 2021 24(3):519-530. PMID: PMC7683815.
26. ^bValluri S, Mason SM, Peterson HH, Apelhans B, French SA, **Harnack LJ**. Associations between shopper impulsivity and cyclical food purchasing: Results from a prospective trial of low-income households receiving monthly benefits. *Appetite*. 2021 Mar 31;163, 105238. PMID: PMC8137649.
27. ^bMcGuire CM, Winkler MR, Lenk KM, **Harnack L**, Erickson DJ, Lask MN. Small food store retailers' views on healthy food retail policy in response to a local staple foods ordinance. *Public Health Nutrition*. 2021 24(7):1934-1940. PMID: PMC7726034.
28. Shanafelt A, Sadeghzadeh C, Chapman L, De Marco M, **Harnack L**, Gust S, Jackson M, Caspi C. Recruitment of low-age workers for a time-sensitive natural experiment to evaluate a minimum wage policy: challenges and lessons learned. *Field Methods*. 2021 33(3):268-286. PMID: PMC8651078.

29. Durfee T, Mayers S, Wolfson J, DeMarco M, **Harnack L**, Caspi C. The determinants of racial disparities in obesity: baseline evidence from a natural experiment. *Agric Resour Econ Rev*. 2021 50(3):533-558. PMID: PMC8916540.

2020

30. Caspi CE, Winkler MR, Lenk KM, **Harnack LJ**, Erickson DJ, Laska MN. Store and neighborhood differences in retailer compliance with a local staple foods ordinance. *BMC Public Health*. 2020 Feb 4;20(1):172. PMID: PMC7001202.
31. ^bRooney MR, Rudser KD, Alonso A, **Harnack L**, Saenger AK, Lutsey PL. Circulating Ionized Magnesium: Comparisons with Circulating Total Magnesium and the Response to Magnesium Supplementation in a Randomized Controlled Trial. *Nutrients*. 2020 Jan 20;12(1). PMID: PMC7019442.
32. ^bOlzenak K, French S, Sherwood N, Redden JP, **Harnack L**. How online grocery stores support consumer nutrition information needs. *Journal of Nutrition Education and Behavior*. 2020 52(10):952-957. PMID: PMC7538868.
33. ^bYi SY, Steffen LM, Terry JG, Jacobs D, Duprez D, Steffen BT, Zhou X, Shikany JM, **Harnack L**, Carr J. Added sugar intake is associated with pericardial adipose tissue volume. *European Journal of Preventive Cardiology*. 2020 27(18):2016-2023.
34. Caspi CE, Winkler MR, Lenk KM, **Harnack LJ**, Erickson DJ, Laska MN. Store and neighborhood differences in retailer compliance with a local staple foods ordinance. 2020 20(1):172. PMID: PMCC7001202.
35. ^bBerger AT, Widome R, Erickson DJ, Laska MN, **Harnack LJ**. Changes in association between school foods and child and adolescent dietary quality during implementation of the Healthy, Hunger-Free Kids Act of 2010. *Annals of Epidemiology*. 2020 47:30-36.
36. ^bValluri S, French SA, Elbel B, Oakes JM, Rydell SA, **Harnack LJ**. Within and between-household variation in food expenditures among low-income households using a novel simple annotated receipt method. *Frontiers in Nutrition*. 2020 22;7;582999. PMID: PMC7642585.
37. ^bYeo N, **Harnack L**. Implementation of Minnesota Smart Snack Standards in Minnesota Secondary Schools. *Journal of Child Nutrition & Management*. 2020 44(1).

2019

38. **Harnack L**, Valluri S, French S. Importance of the Supplemental Nutrition Assistance Program in rural America. *American Journal of Public Health* 2019; 109(12):1641-1645. PMID: PMC6836802.
39. ^aJashti B, Pettit J, **Harnack L**. Addition of gluten values to a food and nutrient database. *Journal of Food Composition and Analysis*. 2019; 85
40. Laska MN, Caspi CE, Lenk K, Moe SG, Pelletier JE, **Harnack LJ**, Erickson DJ. Evaluation of the first U.S. staple foods ordinance: impact on nutritional quality of food store offerings, customer purchases and home food environments. *Int J Behav Nutr Phys Act* 2019; 16:83. PMID:PMC6751624.

41. ^bWinkler MR, Lenk KM, Caspi CE, Erickson DJ, **Harnack L**, Laska MN. Variation in the food environment of small and non-traditional stores across racial segregation and corporate status. *Public Health Nutr* 2019; 22:1624-1634. PMID:PMC6494699.
42. ^bTahir MJ, Haapala JL, Foster LP, Duncan KM, Teague AM, Kharbanda EO, McGovern PM, Whitaker KM, Rasmussen KM, Fields DA, Jacobs DR, **Harnack LJ**, Demerath EW. Higher Maternal Diet Quality during Pregnancy and Lactation Is Associated with Lower Infant Weight-For-Length, Body Fat Percent, and Fat Mass in Early Postnatal Life. *Nutrients* 2019; 11(3). PMID: PMC6471184.
43. ^bTahir MJ, Haapala JL, Foster LP, Duncan KM, Teague AM, Kharbanda EO, McGovern PM, Whitaker KM, Rasmussen KM, Fields DA, **Harnack LJ**, Jacobs DR, Jr., Demerath EW Association of Full Breastfeeding Duration with Postpartum Weight Retention in a Cohort of Predominantly Breastfeeding Women. *Nutrients* 2019; 11(4). PMID: PMC6520964
44. Siega-Riz AM, Pace ND, Butera NM, Van Horn L, Daviglius ML, **Harnack L**, Mossavar-Rahmani Y, Rock CL, Pereira RI, Sotres-Alvarez D. How Well Do U.S. Hispanics Adhere to the Dietary Guidelines for Americans? Results from the Hispanic Community Health Study/Study of Latinos. *Health Equity* 2019; 3:319-327. PMID: PMC6643200.
45. Sadr Dadres G, Whitaker KM, Haapala JL, Foster L, Smith KD, Teague AM, Jacobs DR, Jr., Kharbanda EO, McGovern PM, Schoenfuss TC, Le LJ, **Harnack L**, Fields DA, Demerath EW. Relationship of Maternal Weight Status Before, During, and After Pregnancy with Breast Milk Hormone Concentrations. *Obesity (Silver Spring)* 2019; 27:621-628. PMID: PMC6432940.
46. Quader ZS, Zhao L, **Harnack LJ**, Gardner CD, Shikany JM, Steffen LM, Gillespie C, Moshfegh A, Cogswell ME. Self-Reported Measures of Discretionary Salt Use Accurately Estimated Sodium Intake Overall but not in Certain Subgroups of US Adults from 3 Geographic Regions in the Salt Sources Study. *J Nutr* 2019; 149(9):1623-1632. PMID: PMC6735801.
47. ^aNanney MS, Leduc R, Hearst M, Shanafelt A, Wang Q, Schroeder M, Grannon KY, Kubik MY, Caspi C, **Harnack LJ**. A Group Randomized Intervention Trial Increases Participation in the School Breakfast Program in 16 Rural High Schools in Minnesota. *J Acad Nutr Diet* 2019; 119:915-922. PMID: PMC6536323.
48. ^bFrigge VK, Nanney MS, **Harnack L**, Haggemiller M, Pratt R. Using Theory to Evaluate the Implementation and Integration of an Expanded School Breakfast Program in Rural Midwestern High Schools. *J Nutr Educ Behav* 2019; 51(3):277-286. PMID: PMC6408305.
49. Fisher JO, Serrano EL, Foster GD, Hart CN, Davey A, Bruton YP, Kilby L, **Harnack L**, Ruth KJ, Kachurak A, et al: Title: efficacy of a food parenting intervention for mothers with low income to reduce preschooler's solid fat and added sugar intakes: a randomized controlled trial. *Int J Behav Nutr Phys Act* 2019; 16:6. PMID: PMC6335764.

2018

50. ^bGriffiths C, **Harnack L**, Pereira MA. Assessment of the accuracy of nutrient calculations of five popular nutrition tracking applications. *Public Health Nutr*. 2018;21(8):1495-1502.
51. ^bRooney MR, Michos ED, Hootman KC, **Harnack L**, Lutsey PL. Trends in calcium supplementation, National Health and Nutrition Examination Survey (NHANES) 1999-2014. *Bone*. 2018;111:23-27. PMID: PMC5924724.

52. ^aRydell SA, Turner RM, Lasswell TA, French SA, Oakes JM, Elbel B, **Harnack LJ**. Participant satisfaction with a food benefit program with restrictions and incentives. *J Acad Nutr Diet*. 2018 Feb;118(2):294-300. PMID: PMC5794562.
53. ^bYuan C, Spiegelman D, Rimm EB, Rosner BA, Stampfer MJ, Barnett JB, Chavarro JE, Rood JC, **Harnack LJ**, Sampson LK, Willett WC. Relative validity of nutrient intakes assessed by questionnaire, 24-hour recalls, and diet records compared with urinary recovery and plasma concentration biomarkers: findings for women. *Am J Epidemiol*. 2018; 187(5): 1051-1063. PMID: PMC5928456
54. Anatar AS, Catellier DJ, Levine BA, Krotki KP, Jacquier EF, Eldridge A, Bronstein KE, **Harnack LJ**, Lorenzana Peasley JM, Lutes AC. The Feeding Infants and Toddlers Study (FITS) 2016: Study design and methods. *Journal of Nutrition*. 2018;148(9S):1516S-1524S. PMID: PMC6126632
55. ^bTang X, Honors MA, Fertig AR, French SA, Abraham J, **Harnack L**. Preliminary evaluation of the Healthy Savings Program: a novel health insurance-based wellness programme to encourage healthy food purchases. *Public Health Nutrition*. Oct 2018;21(15):2875-2883. PMID: PMC6136952
56. ^bRosenboom LM, Schlafer RJ, Stang JL, **Harnack LJ**. Evaluation of the Nutritional Quality of Commissary Foods Offered in American Women's Prisons. *Journal of correctional health care : the official journal of the National Commission on Correctional Health Care*. Jul 2018;24(3):264-275.
57. Lenk KM, Caspi CE, **Harnack L**, Laska MN. Customer characteristics and shopping patterns associated with healthy and unhealthy purchases at small and non-traditional food stores. *J Community Health* 2018; 43(1):70-78. PMID: PMC5730500.

2017

58. ^aFrench SA, Rydell SA, Mitchell NR, Oakes MJ, Elbel B, **Harnack L**. Financial incentives and purchase restrictions in a food benefit program affect the types of foods and beverages purchased: results from a randomized trial. *Int J Behav Nutr Phys Act* 2017;14(1): 127. doi: 10.1186/s12966-017-0585-9. PMID: PMC5602848.
59. **Harnack LJ**, Cogswell ME, Shikany JM, Gardner CD, Gillespie C, Loria CM, Zhou X, Juan K, Steffen L. Sources of sodium in US adults from 3 geographic regions. *Circulation* 2017;135(19):1775-1783. PMID: PMC5417577.
60. ^bRooney MR, **Harnack L**, Michos ED, Ogilvie RP, Sempos CT, Lutsey PL. Trends in use of high-dose vitamin D supplements exceeding 1000 or 4000 International Units daily, 1999-2014. *JAMA* 2017;317(23):2448-2450. PMID: PMC5587346.
61. ^aGraham DJ, Lucas-Thompson RG, Mueller MP, Jaeb M, **Harnack L**. Impact of explained v. unexplained front-of-package nutrition labels on parent and child food choices: a randomized trial. *Public Health Nutr* 2017;20(5):774-785.
62. Caspi CE, Lenk K, Pelletier JE, Barnes TL, **Harnack L**, Erickson DJ, Laska MN. Association between store food environment and customer purchases in small grocery stores, gas-marts, pharmacies and dollar stores. *Int J Behav Nutr Phy Act* 2017; Jun 5;14(1):76. doi: 10.1186/s12966-017-0531-x. PMID: PMC5460502

63. Caspi CE, Pelletier JE, **Harnack LJ**, Erickson DJ, Lenk K, Laska MN. Pricing of staple foods at supermarkets versus small food stores. *Int J Environ Res Public Health* 2017; Aug 15;14(8). pii: E915. doi: 10.3390/ijerph14080915. PMID: PMC5580618
64. ^bWhitaker KM, Marino RC, Haapala JL, Foster L, Smith KD, Teague AM, Jacobs DR, Fontaine PL, McGovern PM, Schoenfuss TC, **Harnack L**, Fields DA, Demerath EW. Associations of Maternal Weight Status Before, During, and After Pregnancy with Inflammatory Markers in Breast Milk. *Obesity*. Oct 2017;25(12): 2092-2099. PMID: PMC5705414.
65. Caspi CE, Lenk K, Pelletier JE, Barnes TL, **Harnack L**, Erickson DJ, et al. Food and beverage purchases in corner stores, gas-marts, pharmacies and dollar stores. *Public Health Nutr* 2017; 20(14): 2587-2597. PMID: PMC53580618.

2016

66. ^bNomura SO, **Harnack L**, Robien K. Estimating bisphenol A exposure levels using a questionnaire targeting known sources of exposure. *Public Health Nutr* 2016;19(4):593-606.
67. ^bBarnes TL, Pelletier JE, Erickson DJ, Caspi CE, **Harnack LJ**, Laska MN. Healthfulness of foods advertised in small and nontraditional urban stores in Minneapolis-St. Paul, Minnesota, 2014. *Prev Chronic Dis* 2016;13:E153. PMID: PMC5109932
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69. ^bCoetzee DJ, McGovern PM, Rao R, **Harnack LJ**, Georgieff MK, Stepanov I. Measuring the impact of manganese exposure on children's neurodevelopment: advances and research gaps in biomarker-based approaches. *Environ Health* 2016;15(1):91. PMID: PMC5004305
70. ^bCuffey J, Beatty TK, **Harnack L**. The potential impact of Supplemental Nutrition Assistance Program (SNAP) restrictions on expenditures: a systematic review. *Public Health Nutr* 2016;19(17):3216-3231.
71. **Harnack L**, Oakes JM, Elbel B, Beatty T, Rydell S, French S. Effects of subsidies and prohibitions on nutrition in a food benefit program: a randomized clinical trial. *JAMA Intern Med* 2016;176(11):1610-1618. PMID: PMC5988257
72. Nanney MS, Shanafelt A, Wang Q, Leduc R, Dodds E, Hearst M, Kubik MK, Grannon K, **Harnack L**. Project BreakFAST: Rationale, design, and recruitment and enrollment methods of a randomized controlled trial to evaluate an intervention to improve School Breakfast Program participation in rural high schools. *Contemp Clin Trials Commun* 2016;3:12-22. PMID: PMC4850496
73. Pelletier JE, Caspi CE, Schreiber LR, Erickson DJ, **Harnack L**, Laska MN. Successful customer intercept interview recruitment outside small and midsize urban food retailers. *BMC Public Health* 2016;16(1):1050. PMID: PMC5050669

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74. Barnes TL, French SA, **Harnack L**, Mitchell NR, Wolfson J. Snacking behaviors, diet quality and body mass index in a community sample of working adults. *J Acad Nutr Diet*. 2015;115(7):1117-23. PMID: PMC4484309

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76. Tillmans LS, Vierkant RA, Wang AH, Samadder NJ, Lynch CF, Anderson KE, French AJ, Haile RW, **Harnack LJ**, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ. Associations between environmental exposures and incident colorectal cancer by ESR2 protein expression level in a population-based cohort of older women. *Cancer Epidemiol Biomarkers Prev*. 2015; Apr;24(4):713-9. PMID: PMC4383694

2014

77. ^bHonors MA, **Harnack LJ**, Zhou X, Steffen LM. Trends in fatty acid intake of adults in the Minneapolis-St Paul, MN Metropolitan area, 1980-1982 through 2007-2009. *J Am Heart Assoc*. 2014; 22;3(5):e001023. PMID: PMC4323816
78. ^bNelson D, Graham D, **Harnack L**. An objective measure of nutrition facts panel usage and nutrient quality of food choice. *J Nutr Educ Behav*. 2014; 46(6):589-94.
79. ^aBoutelle KN, Peterson CB, Crosby RD, Rydell SA, Zucker N, **Harnack LJ**. Overeating phenotypes in overweight and obese children. *Appetite*. 2014; 76:95-100. PMID: PMC6340290
80. French SA, Mitchell NR, Wolfson J, **Harnack LJ**, Jeffery RW, Gerlach AF, Blundell JE, Pentel PR. Portion size effects on weight gain in a free living setting. *Obesity*. 2014; 22(6):1400-1405. PMID: PMC4037334
81. Madowitz J, Liang J, Peterson CB, Rydell S, Zucker NL, Tanofsky-Kraff M, **Harnack LJ**, Boutelle K. Concurrent and convergent validity of the eating in the absence of hunger questionnaire and behavioral paradigm in overweight children. *International Journal of Eating Disorders*. 2014;47(3):287-295. PMID: PMC4104791
82. ^bRudelt A, French S, **Harnack L**. Fourteen-year trends in sodium content of menu offerings at eight leading fast-food restaurants in the USA. *Public Health Nutrition*. 2013; 17(8):1682-1688.
83. ^aBoutelle KN, Zucker N, Peterson CB, Rydell S, Carlson J, **Harnack LJ**. An intervention based on Schachter's externality theory for overweight children: the regulation of cues pilot. *Journal of Pediatric Psychology*. 2014; 39(4):405-17. PMID: PMC4007101
84. Tillmans L, Vierkant RA, Wang AH, Samadder NJ, Lynch CF, Anderson KE, French AJ, Haile RW, **Harnack LJ**, Potter JD, Slager SL, Smyrk T, Thibodeau SN, Cerhan JR, Limburg PJ. Associations between cigarette smoking, hormone therapy and folate intake with incident CRC by TP53 expression level in a population-based cohort of older women. *Cancer Epidemiology, Biomarkers and Prevention*. 2014; 23(2): 350-356. PMID: PMC3936962

2013

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86. ^bWang J, Steffen LM, Zhou X, **Harnack L**, Luepker RV. Consistency between increasing trends in added-sugar intake and body mass index among adults: The Minnesota Heart Survey, 1980-82 to 2007-2009. *American Journal of Public Health*. 2013;103(3):507-7. PMID: PMC3673483
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2012

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Non-Peer-Reviewed Articles

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Books and Book Chapters

1. **Harnack L**, Pereira M. Strategies for Improving the Validity of the 24-hour Dietary Recall and Food Record Methods. In: Schoeller DA and Westterterp-Plantenga MS (eds.). Advances in the Assessment of Dietary Intake. Boca Raton, FL. CRC Press, 2017.
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Book Reviews

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Invited Presentations (partial listing)

1. Understanding Restrictions and Incentives in the Supplemental Nutrition Assistance Program (SNAP). National Institutes of Health Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science virtual workshop. September 2021.
2. "Sugary Drinks and the Supplemental Food and Nutrition Program". 2021 Sugary Drink Summit. Virtual Meeting. April 2021.
3. "The Supplemental Nutrition Program as "Food as Medicine" Tool to Improve Health." Harkin On Wellness Symposium 2021. Virtual Meeting. March 2021.
4. "Changes to Nutrition Data System for Research (NDSR) to meet emerging needs of researchers." National Nutrient Databank Conference, Minneapolis, MN July 2019.
5. "What does the Science Say about the Impact of SNAP and Strategies for Improving Health?" The Obesity Society (TOS) ObesityWeek Nashville, TN 2018.
6. "Do SNAP Prohibitions and Subsidies Improve Nutrition? A Randomized Trial." Harvard Nutrition Seminar. Boston, MA 2017.
7. "Do SNAP Prohibitions and Subsidies Improve Nutrition? A Randomized Trial." The Obesity Society (TOS) ObesityWeek New Orleans, LA November 2016.
8. "Restrictions and incentives on specific foods and beverages in food benefit programs: an experimental trial." Obesity Prevention Center Annual Symposium, Minneapolis, MN. April 2014
9. "Evaluation of healthy SNAP food guidelines on food purchase and dietary intake: a randomized trial." The Obesity Society (TOS) ObesityWeek. Boston, MA. November 2014.
10. "Potential for food and nutrient databases and dietary survey data to aid in foodborne illness outbreak investigations." Society for Epidemiologic Research Annual Meeting. Minneapolis MN. June, 2012.
11. "Optimal measurement strategies for the assessment of food intake in young children in child care settings." Defining a Research Agenda for Healthy Weight Development through Child Care Settings. Washington DC. September, 2011.
12. "Calorie labeling on restaurant menus: A useful public health strategy for obesity prevention?" Society for Ingestive Behavior Annual Meeting. Clearwater, FL. July, 2011.
13. "Impact of using nutrition labeling." University of Kansas Center for Physical Activity & Weight Management 12th Annual Obesity Conference. Overland Park, KS. September, 2010.
14. "Whole grains dietary intake: Challenges of calculating/ imputing whole grain values". Health Benefits Associated with Whole Grains. An Experimental Biology 2010 Satellite Symposium. Anaheim, CA. April 2010.
15. "Effect of point-of-purchase calorie labeling on fast-food restaurant menus: Results from Minnesota." The Obesity Society 2009 Annual Scientific Meeting. Washington D.C. October 2009.
16. "The American diet: Is it heading in the right direction?" University of Wisconsin Madison. Madison, WI. March, 2009.

17. "Intervention-related bias in diet and physical activity reporting: How to prevent it and what to do if it happens". Healthy Eating Research 3rd Annual Grantee Meeting. St. Paul, MN. 2008.
18. "Reliability and validity of brief tools to assess diet and physical activity of middle school aged children: results from the eating and activity survey trial." Centers for Disease Control and Prevention Division of Nutrition and Physical Activity. Atlanta, GA. 2005.
19. "Reliability and validity of brief tools to assess diet and physical activity of middle school aged children: results from the eating and activity survey trial." Centers for Disease Control and Prevention, Division of Nutrition and Physical Activity Monthly National Teleconference. 2005.
20. "Creating a healthy eating environment in the workplace." 2004 Midwest Worksite Health Promotion Conference. Bloomington, MN. 2004.
21. "Effect of nutrition labeling on fast food choices." Minnesota Obesity Center-wide Retreat. Minneapolis, MN. 2004.
22. "Dietary assessment of pregnant and postpartum women." National Maternal Nutrition Intensive Course. Minneapolis, MN. 2004.
23. "Research perspective on grain consumption and market issues." Understanding Demand Shifts for Grain-Based Foods. A workshop sponsored by USDA's Economic Research Service and the Farm Foundation. Minneapolis, MN. 2004.
24. "Trans-fatty acids: health impacts, current recommendations, and food sources." Twin Cities District Dietetic Association meeting. Eagan, MN. 2004.
25. "Trends in beverage consumption among U.S. children and adolescents." California Childhood Obesity Conference. San Diego, CA. 2003.
26. "Nutritious beverage consumption among young people in the United States: Trends and possible consequences." CDC National conference on Chronic Disease Prevention and Control. Atlanta, GA. 2002.
27. "Dietary supplements in the University of Minnesota Nutrition Coordinating Center (NCC) Food and Nutrient Database." Assessment of Dietary Supplement Use Workshop on Database Needs. Bethesda, MD. 2001.
28. "Brief tools to assess diet and physical activity of middle school aged children." Food Assistance and Nutrition Research Program Expert Panel Meeting. USDA. Washington DC. 2001.
29. "Database design strategies to facilitate flexible food grouping." 24th National Nutrient Databank Conference. St. Paul, MN. 2000
30. "Dietary assessment of pregnant and breastfeeding women: What tools to use?" National Maternal Nutrition Intensive Course. University of Minnesota. Minneapolis, MN. 1999.

Abstracts (partial listing)

1. **Harnack L**, Alexander T, Ramoni M, Ramoni Z, Pettit J, Stevenson J, Schmitz K, Jasthi B. An approach to enhancing a food and nutrient database to include foods unique to Jamaican, Haitian, Nigerian, and Somali cooking traditions in the U.S. National Nutrient Databank Conference 2022. Virtual Conference. May 2022.
2. **Harnack L**, Weber C, Pettit P, Jasthi B, Stevenon J, Schmitz K, Johnson AJ. Nutrient Composition Variability of Plant-Based Ground Beef Alternative Products Available in the U.S.

- Marketplace in 2019. National Nutrient Databank Conference 2022. Virtual Conference. May 2022.
3. Lee JH, **Harnack L**. Differences in the Nutritional Content of Ready-To-Eat Cereals, Cereal/Granola Bars, and Savory Snacks Available for Sale to School Food Service Versus Food Retailers. National Nutrient Databank Conference 2022. Virtual Conference. May 2022.
 4. Jasthi B, Stevenson J, Pettit J, Schmitz K, **Harnack L**, Johnson AJ. Feasibility of Using the USDA Global Branded Food Products Database to Update a Food and Nutrient Database. National Nutrient Databank Conference 2022. Virtual Conference. May 2022.
 5. Lorenzana-Peasley J, **Harnack L**, Anater A, do Vale, T de Brito JN, Schmitz K. Adapting a US dietary analysis software and database for us in Brazil. National Nutrient Databank Conference 2022. Virtual Conference. May 2022.
 6. Jasthi B, Pettit J, **Harnack L**. Distribution of Lignans in Different Food Group Categories. National Nutrient Databank Conference 2020. Virtual Conference. October 2021.
 7. **Harnack L**, Pettit J, Jasthi B, Schmitz J, Stevenson J, Brelje K. Nonnutritive sweeteners in Brand Name Food Products in the U.S. Marketplace. National Nutrient Databank Conference 2020. Virtual Conference. October 2021.
 8. **Harnack L**, Redden J, French S, Sherwood N, Rivera G, Valluri S, Tahir M. Designing Online Grocery Stores to Support Healthy Eating. American Society for Nutrition 2021 Virtual Meeting. June 2020.
 9. **Harnack L**, Jasthi B, Pettit J, Stevenson J, Brelje K. Gluten content of brand name food products in a food and nutrient database that includes leading U.S. food brands. American Society for Nutrition 2019 Nutrition Meeting, Baltimore, MD June 2019.
 10. Olzenak K, Redden J, French S, Sherwood N, **Harnack L**. Are online grocery stores being designed to support consumer nutrition information needs? Results from a marketplace survey. American Society for Nutrition 2019 Nutrition Meeting, Baltimore, MD June 2019.
 11. Griffiths C, **Harnack L**, Pereira. Assessing the accuracy of nutrient calculations of popular nutrition tracking applications. National Nutrient Databank Conference, Minneapolis, MN July 2018.
 12. **Harnack L**, Pettit J, Jasthi B, Stevenson J, Brelje K. Food manufacturers' use of isolated and synthetic non-digestible carbohydrate ingredients no longer considered sources of dietary fiber for labeling purposes. National Nutrient Databank Conference, Minneapolis, MN July 2018
 13. Jasthi B, Pettit J, **Harnack L**. Addition of gluten to a food and nutrient database. National Nutrient Databank Conference, Minneapolis, MN July 2018.
 14. Stevenson J, Jasthi B, Schmitz K, Pettit J, **Harnack L**. Marketplace changes in the baby food aisle. National Nutrient Databank Conference, Minneapolis, MN July 2018.
 15. **Harnack L**, Thor M. Making food and nutrient databases accessible to mHealth app developers through application programming interfaces (APIs). National Nutrient Databank Conference, Williamsburg, VA May 2016.
 16. **Harnack L**, Jasthi B, Thor M, Pettit J. Added sugars values for some foods may vary notably depending on the procedure used to estimate this food constituent. National Nutrient Databank Conference, Williamsburg, VA May 2016.

17. **Harnack L**, Setten S, Pettit J. Procedure for adding natural language-based short food descriptions to a food and nutrient database. 38th National Nutrient Databank Conference; Portland, OR. May 2014.
18. **Harnack L**, French S, Oakes M, Elbel B, Rydell S. Feasibility of a novel approach to evaluating proposed SNAP modifications. ISBNPA 2014 Annual Meeting; San Diego, CA. May 2014.
19. Tillmans LS, Vierkant RA, Wang AH, Samadder, Lynch CF, Anderson KE, French AJ, Haile RW, **Harnack LJ**, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ. Associations between hormone therapy with incident colorectal cancer by p53 protein expression in a population-based cohort of older women. American Association for Cancer Research Annual Meeting; Chicago IL, April 2012.
20. Vierkant RA, Tillmans LS, Wang AW, Samadder NJ, Weisenberger DJ, Laird PW, Lynch CF, Anderson KE, French AJ, Haile RW, **Harnack LJ**, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ. Colorectal cancer survival by molecular subtypes in a population-based cohort of older women. American Association for Cancer Research Annual Meeting; Chicago IL, April 2012.
21. **Harnack L**, Trends in the energy content of menu offerings at eight leading fast-food restaurant chains, 1997/98-2009/10. Robert Wood Johnson Foundation Healthy Eating Research Program Annual Grantee Meeting; Austin, TX. February, 2012.
22. Hedberg C, Estrada M, **Harnack L**. Potential for food and nutrient databases and dietary survey data to aid in foodborne illness outbreak investigations. National Nutrient Databank Conference; Houston, TX. March 2012.
23. King D, Swiontkowski E, Pettit J, Stevenson J, **Harnack L**. Legibility of Nutrition Facts Panel and Ingredient Statement Images Captured using the Apple iPad 2. National Nutrient Databank Conference; Houston, TX. March 2012.
24. Thor M, Pettit J, **Harnack L**. Illustration of the use of archival versions of a food and nutrient database to track trends in the sodium content of menus at Leading Fast Food Restaurants. National Nutrient Databank Conference; Houston, TX. March 2012.
25. Jasthi B, **Harnack L**. Comparison of Nutrient Composition of Gluten Containing and Gluten Free Sliced Breads and Spaghetti Noodles. National Nutrient Databank Conference; Houston, TX. March 2012.
26. Hearst M, **Harnack L**, Bauer K, French S, Oakes JM. Living in a Fast Food Nation: How Fast Food "Healthy Eating" has changed (or not). International Society for Behavioral Nutrition and Physical Activity Annual Meeting; Austin, TX. April 2012.
27. **Harnack L**, Oakes M, French S, Pettit J, King D. Use of archival versions of a food and nutrient database to track trends in the nutritional quality of foods in the marketplace: A case study. National Nutrient Database Conference; Washington DC. April 2011.
28. **Harnack L**, Steffen LM, Zhou X, Luepker. Trends in sodium intake of adults in the Minneapolis St Paul, MN metropolitan area, 1980-2009. Experimental Biology; Washington DC. April 2011.
29. Huifen W, Steffen LM, Zhou X, **Harnack L**, Luepker RV. Consistency between increasing trends in added sugar intake and body mass index among adults over 27 years: The

Minnesota Heart Survey, 1980-82 to 2007-09. American Heart Association Cardiovascular Disease Epidemiology and Prevention 2011 Scientific Sessions. Atlanta, GA. March 2011.

30. Johnson S, King D, **Harnack L**. Comparison of nutrient and ingredient information on food product packaging with information provided online by food manufacturers. International Food Technology Annual Conference and Exposition. Chicago, IL. July 17-20, 2010.
31. **Harnack L**, Cordy D, Zeug-Shell, R, Pettit J, King D. Accuracy of whole grain composition estimates derived from formulations created for a sample of whole grain containing commercial food products. National Nutrient Database Conference. Grand Forks, ND. July, 2010.
32. Thor ML, **Harnack L**, Jasthi B, King D. The challenges of incorporating chromium into a food and nutrient database. National Nutrient Database Conference. Grand Forks, ND. July, 2010.
33. Jasthi B, Schakel S, **Harnack L**, King D. Addition of conjugated linoleic acid (CLA) to a food and nutrient database. National Nutrient Database Conference. Grand Forks, ND. July, 2010.
34. **Harnack L**, Oakes M, French S, Cordy D, Montgomery M, Pettit J, King D. Trends in the fatty acid composition of frying oils used at leading fast food restaurants over the past 12 years based on French fries as a proxy indicator. National Nutrient Database Conference. Grand Forks, ND. July, 2010.
35. **Harnack L**, French S, Oakes JM, Farah F, Rydell S, Taylor G. Results from an experimental trial at a Head Start center to evaluate meal service approaches to moderating energy intake of preschool aged children. 2010 Annual Conference of the International Society of Behavioral Nutrition and Physical Activity. Minneapolis, MN. June 2010.
36. French S, Berge J, **Harnack L**, Gerlach A, Diggles K. Reaching African-American parents through early childhood education: Feasibility and parental response. 2010 Annual Conference of the International Society of Behavioral Nutrition and Physical Activity. Minneapolis, MN. June 2010.
37. Steffen LM, Zhou X, Jacobs DR, Blackburn H, **Harnack L**, Luepker RV. Trends in waist circumference and abdominal obesity: Minnesota Heart Survey 1980-82 through 2007-09. American Heart Association Epidemiology Council Joint Conference - 50th CVD Epidemiology and Prevention - and - Nutrition, Physical Activity and Metabolism. San Francisco, CA. March 2010.
38. **Harnack L**, French S, Oakes M, Rydell S. Evaluating two meal service approaches to moderating energy intake of preschool aged children. Robert Wood Johnson Foundation Health Eating Research Program 4th Annual Grantee Meeting. Tucson, AZ. December 2009.
39. Inoue M, Robien K, **Harnack L**, Flood A. Dietary supplement use among elderly cancer survivors. The Iowa Women's Health Study. American Association for Cancer Research Annual Meeting. Denver, CO. April 2009.
40. Robien K, Frizment A, **Harnack L**, Flood A, Lazovich D. WCRF/AICR Diet and physical activity guidelines adherence associated with quality of life among elderly female cancer survivors. American Association for Cancer Research Annual Meeting. Denver, CO. April 2009.
41. Limsui D, Vierkant R, Tillmans L, Wang A, Weisenberger D, Laird P, Lynch C, Anderson K, French A, Haile R, **Harnack L**, Potter J, Slager S, Smyrk T, Thibodeau S, Cerhan J, Limburg P. Folate intake and colorectal cancer risks by CIMP and BRAF-mutation status among older women. Digestive Disease Week. Chicago, IL. June 2009.

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43. **Harnack L**, Olsen J, Pettit J, Stevenson J, Slocum S, Van Heel N. Market reflectiveness of a commercially available database that includes nutrition facts panel and ingredient statement information for brand name food products. National Nutrient Databank Conference. New Orleans, LA. April 2009.
44. Johnson S, **Harnack L**, Stevenson J, Pettit J, Van Heel N. Market reflectiveness of nutrition facts panel and ingredient statement information available on manufacturers websites for a sampling of cookie and savory snack products. National Nutrient Databank Conference. New Orleans, LA. April 2009.
45. Trumpy MS, **Harnack L**, Duval S, Story M, Artz M, Steffen L, Luepker R. Prevalence of use of dietary supplements among children and adolescents. American Dietetic Association Annual Meeting and Exposition. Chicago, IL. October 2008.
46. French SA, Shimotsu ST, **Harnack LJ**. Cognitive variables associated with food choices and physical activity behaviors among metropolitan transit workers in the USA. International Society for Behavioral Nutrition and Physical Activity Annual Meeting. Banff, Alberta, Canada. May 2008.
47. Schakel SF, Jasthi B, **Harnack L**. Adjusting a nutrient database to improve calculation of percent calories from macronutrients. 32nd National Nutrient Databank Conference. Ottawa, Ontario, Canada. May 2008.
48. Pettit J, Schakel S, Stevenson J, **Harnack L**. Nutrient composition information is incomplete for some nutrients in label-based dietary supplement databases. 32nd National Nutrient Databank Conference. Ottawa, Ontario, Canada. May 2008.
49. Stevenson J, Pettit J, **Harnack L**. Using the world wide web to update brand name foods in the NCC Food and Nutrient Database. 32nd National Nutrient Databank Conference. Ottawa, Ontario, Canada. May 2008.
50. Flood A, Park K, **Harnack L**, Jacobs DR. Fruit and vegetable-rich dietary patterns and risk all cause mortality and cancer incidence in the Iowa Women's Health Study. Fruit and Vegetable Summit- Unesco, Paris. May 2008.
51. Vierkant RA, French AJ, Wang AH, Slager SL, Smyrik TC, **Harnack L**, Anderson KE, Potter JD, Lynch CF, Thibodeau SN, Cerhan R. Folate intake and subtype-specific colorectal cancer risks among older women. World Congress GI Cancer. Barcelona, Spain. June 2008.
52. Limburg PJ, Vierkant RA, French AJ, Wang AH, Stager SL, Smyrk TC, **Harnack LJ**, Anderson KE, Potter JD, Lynch CF, Thibodeau SN, Cerhan JR. Cigarette smoking and subtype-specific colorectal cancer risks among older women. American Association for Cancer Research Annual Meeting. Philadelphia, PA. September 2008.
53. Park K, **Harnack L**, Jacobs DR. Trends in dietary supplement use in a cohort of post-menopausal women from Iowa. Society for Epidemiologic Research Annual Meeting. Chicago, IL. June 2008.
54. Downs E, **Harnack L**. Evaluation of an online child body mass index calculator. Experimental Biology 2008. San Diego, CA. April 2008.

55. Jasthi B, Schakel SF, **Harnack L**. Incorporation of vitamin D into a comprehensive food and nutrient database. *Experimental Biology* 2008. San Diego, CA. April 2008.
56. **Harnack L**, Steffen L, Zhou X, Luepker R. Trends in vitamin D intake between 1980 and 2002 among adults in the Minneapolis- St Paul, MN metropolitan are. *Experimental Biology* 2008. San Diego, CA. April 2008.
57. Bishop D, Taylor G, Bishop S, Franken K, Rehorst J, Gaichas A, **Harnack L**, Story M, Himes J, Lytle L. Increasing fruit and vegetable consumption of preschoolers in child care centers: Final results of 5 A Day Preschool Power Plus. *American Public Health Association 2007 Annual Meeting & Exposition*. Washington DC. November 2007.
58. Rydell S, **Harnack LJ**, French S, Oakes M, Story M, Jeffery R. Awareness of McDonald's nutrition information by customers pre- and post-implementation of voluntary nutrition labeling. *International Society of Behavioral Nutrition and Physical Activity 2007 Conference*. Oslo, Norway. May 2007.
59. **Harnack L**, Pereira MA, Jacobs DR, Lytle LA. Evaluation of a self-administered 24-hour dietary recall questionnaire. *Experimental Biology* 2007. Washington DC. April 2007.
60. **Harnack LJ**, Albers MJ, Steffen LM, Jacobs DR. 2006 marketplace survey of trans fatty acid content of margarines and butters, cookies and snack cakes and savory snacks. *Experimental Biology* 2007. Washington DC. April 2007.
61. **Harnack LJ**, French S, Oakes M, Rydell S, Story M, Jeffery R. Effect of point of purchase nutrition information and value size pricing on fast food meal choices. *Experimental Biology* 2007. Washington DC. April 2007.
62. **Harnack LJ**, Van Heel N, Stevens M, Himes JH. Feasibility of collecting dietary supplement use information in conjunction with the collection of 24-hour dietary recalls using a 3 tiered approach incorporated into a dietary analysis program. *Experimental Biology* 2007. Washington DC. April 2007.
63. **Harnack L**, Stevens M, Schakel S, Van Heel N, Himes JH. An approach to assessing dietary supplement intake for use in conjunction with the collection of 24-hour dietary recalls. *National Nutrient Databank Conference*. Honolulu, HI. October 2006.
64. **Harnack L**, Artz M, Stevens M, Van Heel N, Himes J. An approach to assessing dietary supplement intake for use in conjunction with the collection of 24-hour dietary recalls. *National Nutrient Databank Conference*. San Diego, CA. April 2005.
65. Jeffery RW, Rydell S, Dunn C, **Harnack LJ**, Levine AS. Effects of portion size on body weight. *NAASO 2005 Annual Meeting*. Vancouver, British Columbia, Canada. October 2005.
66. Taylor GL, Bishop SC, Franken KL, Bishop DB, Lytle LA, Story M, Himes JH, **Harnack L**. Designing an intervention to increase consumption of eight targeted fruits and vegetables among preschool children using an intervention mapping process. *American Public Health Association Annual Meeting*. Philadelphia, PA. December 2005.
67. Gao S, **Harnack L**, Story M. Reliability and validity of a brief questionnaire to assess middle school aged children's beverage intake. *Experimental Biology*. Washington, DC, April 2004.
68. **Harnack L**, Steffen L, Luepker R, Arnett D. Super-sized underreporting of food portions: Results from the Minnesota Heart Survey Meals Away from Home Study. *National Nutrient Databank Conference*. Iowa City, Iowa, June 2004.

69. Lim LS, **Harnack LJ**, Lazovich D, Folsom AR. Vitamin A intake and the risk of hip fracture in postmenopausal women: The Iowa Women's Health Study. Preventive Medicine. Orlando, FL, February 2004.
70. Folsom AR, Demissie Z, **Harnack L**. Glycemic index, glycemic load, and incidence of endometrial cancer: The Iowa Women's Health Study. Society for Epidemiology Research Annual Meeting, Salt Lake City, UT, June 2004.
71. Lee D, Anderson KE, **Harnack LJ**, Folsom AR, Jacobs DR. Heme iron, zinc, alcohol consumption, and colon cancer: Iowa Women's Health Study. American Association for Cancer Research. Orlando, Florida, March 2004.
72. Lee D, Anderson KE, **Harnack LJ**, Jacobs, DR. Dietary iron intake and breast cancer: The Iowa Women's Health Study. American Association for Cancer Research. Orlando, Florida, March 2004.
73. Keleman LE, Sellers TA, Vierkant RA, **Harnack L**, Cerhan JR. Dietary folate and alcohol intake and ovarian cancer. American Society of Preventive Oncology. Bethesda, Maryland, March 2004.
74. Artz MB, **Harnack LJ**, Armstrong C, Duval SJ, Arnett DK, Luepker DV. Prevalence of use of over-the-counter, vitamin, and herbal medications for cardiovascular health by adults in the Minneapolis, St. Paul, Minnesota metropolitan area. American Heart Association Epi Council. San Francisco, California, March 2004.
75. **Harnack LJ**, Lee S, Steffen LM, Jacobs DR., Armstrong C, Arnett DK, Luepker RV. Trends in the macronutrient distribution and fatty acid composition of the diet among adults in the Minneapolis, St. Paul, Minnesota metropolitan area. American Heart Association Epi Council. San Francisco, California, March 2004.
76. Steffen LM, Jacobs DR., **Harnack LJ**, Armstrong C, Luepker RV, Arnett DK. Ten-year trends in waist circumference: The Minnesota Heart Survey, 1990-92 to 2000-02. American Heart Association Epi Council. San Francisco, California, March 2004.
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78. **Harnack LJ**, Steffen LM, Arnett DK, Luepker RV. Super-sized underreporting of large food portions: Results from the Minnesota Heart Survey Meals Away from Home study. American Public Health Association. San Francisco, California, November 2003.
79. Kelberer, P, **Harnack L**, Schmitz KH, Fulton JE, Galuska DA, Gao S. Feasibility of using accelerometers to measure physical activity of middle school children: Findings from Project EAST. American Public Health Association. San Francisco, California, November 2003.
80. **Harnack L**, Lytle LA, Story M, Galuska DA, Fulton JE, Jacobs DR, Kelberer P, Gao S. Reliability and validity of a brief questionnaire to assess calcium intake of middle school aged children: Results from the Eating and Activity Survey Trial Project (Project EAST). American Public Health Association. San Francisco, California, November 2003.
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107. Block G, **Harnack L**, Kayman S, Disbrow D, Kolasa K, Miller M. A multi-media CD-ROM to provide tailored nutrition education for low-income and multi-ethnic populations. American Dietetic Association Annual Meeting. San Antonio, Texas, October 1996.
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Grants and Contracts

Principal Investigator

Title: Developing and Applying a Methodology for Assigning Heme and Non-Heme Iron Values to Foods in a Food and Nutrient Database
 Funding: National Cattleman's Beef Association
 Purpose: Develop and apply a methodology for assigning heme and non-heme iron values to foods in the University of Minnesota Nutrition Coordinating Center (NCC) Food and Nutrient Database. In addition, add heme and non-heme iron to the nutrient intake calculations available in the dietary analysis software Nutrition Data System for Research (NDSR).
 Periods: 03/01/24-02/28/26

Title: WHNRC Fiber Intervention Study
 Funding: USDA through a subcontract with the University of California Davis
 Purpose: Collect 24-hour dietary recalls over the telephone for a trial examining the effect of dietary fiber on health outcomes.
 Period: 07/01/20-06/30/24

Title: Evaluating the Implementation and Scale-up of Nigeria National Sodium Reduction Program
 Funding: NIH through a subcontract with the Abuja Teaching Hospital
 Purpose: Develop protocols for collecting and entry of dietary recalls in a nutrient analysis program for assessing the sources of sodium in the diets of Nigerian adults. Train staff at Abuja Teaching Hospital on the dietary recall collection and entry protocols.
 Period: 09/15/20-08/31/22

Title: Supplement to Nigeria Sodium Sources Study
 Funding: Washington University
 Purpose: Carry out quality control on dietary recalls collected to assess the sources of sodium in the diets of adults in Nigeria.
 Period: 07/01/21-08/30/23

Title: Evaluating a Healthy Restaurant Kids Meal Policy
 Funding: NIH through a subcontract with Johns Hopkins University
 Purpose: Study the effects of a healthy restaurant kids' meals policy on children's restaurant meal orders and dietary intake, and measure the policy's implementation costs, reach, and cost-effectiveness if implemented nationwide over ten years.
 Period: 08/01/19-07/31/23

Title: Type 1 Diabetes Study Dietary Data Analysis
 Funding: Physician's Committee for Responsible Medicine
 Purpose: Carry out data entry of food records collected for a study evaluating the effect of a low-fat plant-based diet on insulin requirements and insulin resistance in those with type 1 diabetes.
 Period: 09/01/21-04/30/23

Title: Endometriosis Study Dietary Data Analysis
 Funding: Physician's Committee for Responsible Medicine
 Purpose: Carry out data entry of food records collected for a study evaluating the effect of a plant-based diet on pain, inflammation and quality of life in adults with endometriosis.
 Period: 04/01/22-02/28/25

Title: Women's Study to Alleviate Vasomotor Symptoms
 Funding: Physicians Committee for Responsible Medicine
 Purpose: Enter food records into NDSR for nutrient analysis for a trial examining the effect of diet on women's vasomotor symptoms.
 Period: 11/01/20-09/31/23

Title: Designing Online Grocery Shopping Marketplaces to Support Americans who are trying to Eat Healthy for Weight Loss
 Funding: Hawley Award, Division of Epidemiology and Community Health, University of Minnesota
 Purpose: Generate ideas for features that may be included in online grocery marketplaces to support healthy food choices by those trying to lose weight, and describe the extent to which leading national and regional online grocery shopping marketplaces (e.g. AmazonFresh, Walmart, Safeway, etc.) currently include nutrition-related features such as Nutrition Facts panel information, search filters by nutrient content of food, 'specialty diet' sections, etc.
 Period: 03/01/18-06/30/23 (NCE)

Title: Evaluation of the Nutritional Quality of the Emergency Meals-to-You Program
 Funding: USDA through a subcontract with Baylor
 Purpose: Evaluation of the nutritional quality of the food provided through the eMTY program that provides breakfast and lunches to students who temporarily cannot receive school meals due to emergency school closure.
 Period: 09/01/20-06/30/21

Title: Effects of Subsidies and Prohibitions on Household Nutrition in a Food Benefit Program
 Funding: Laura and John Arnold Foundation
 Purpose: Evaluate whether prohibiting the purchase of sugar sweetened beverages, sweet baked goods and candies with food program benefits may improve the nutritional quality of foods purchased and consumed by program participants, especially when paired with a financial incentive to encourage the purchase of fruits and vegetables.
 Period: 09/01/17-12/31/20

Title: Dietary Etiologies of Heart Disease
 Funding: NIH through a subcontract with Harvard University
 Purpose: Add lignin intake estimates to food records collected as part of the Lifestyle Validation so that associations of lignans with risk for cardiovascular disease may be examined.
 Period: 03/16/17-04/30/20

Title: Effects of Myelin-Relevant Nutrients in Infant Formula
 Funding: Nestle through a sub-contract with INC Research
 Purpose: Enter food records into NDSR for nutrient analysis for a study evaluating the effect of myelin-relevant nutrients in infant formula on child neurological development.
 Period: 01/01/17-12/31/20

Title: FITS Research Partnership in Brazil
 Funding: RTI through a contract with Nestec
 Description: Develop dietary recall collection and entry procedures; add Brazilian foods to Nutrition Data System for Research (NDSR) for the study; train staff in dietary recall entry; and carry out quality assurance on a sub-set of dietary recalls collected in the study.
 Period: 01/16/18-01/07/20

Title: Designing Online Grocery Shopping Marketplaces to Support Americans who are trying to Eat Healthy for Weight Loss
 Funding: Hawley Award University of Minnesota
 Description: Examine availability of nutrition-related features on leading online grocery shopping platforms, and use design thinking to identify features online grocery shopping platforms could include to support healthy food purchasing.
 Period: 03/01/18-02/28/19

Title: Obesity Prevention Center: Lending Library for Nutrition Data System for Research with Online Training
 Funding: University of Minnesota Office of the Vice President for Research
 Description: Fortify the Obesity Prevention Center Lending Library to better support the dietary assessment needs of Center researchers by purchasing additional laptops, upgrading NDSR software, and developing online training for dietary recall collection using NDSR.
 Period: 07/11/18-06/30/19

Title: The No Kid Hungry Social Innovations Campaign Evaluation
 Funding: RTI through a contract with Feeding America
 Description: Train research staff in the procedures for collecting 24-hour dietary recalls using Nutrition Data System for Research (NDSR). Also, collect 24-hour dietary recalls from some study participants and carryout quality assurance on all of the recalls collected for the study.
 Period: 07/01/18-01/28/19

Title: Dietary Approaches to Treat Multiple Sclerosis-Related Fatigue Study
 Funding: National Multiple Sclerosis Society through a subcontract with the University of Iowa
 Purpose: Enter food records into NDSR for nutrient analysis for a trial evaluating whether a low saturated fat diet or a modified paleo diet reduce fatigue in those with multiple sclerosis.
 Period: 12/1/17 - 05/30/20

Title: Dietary Data Support for the Environmental Determinants of Diabetes in the Young (TEDDY) Study
 Funding: NIH through a subcontract with the University of South Florida
 Purpose: Identifying ingredients and their proportion in multi-ingredient foods consumed by TEDDY participants.
 Period: 06/01/11 – 12/31/19

Title: Addition of Gluten to LVS Food Records
 Funding: American Gastroenterological Association through a subcontract with Columbia University
 Purpose: Add gluten intake estimates to food records collected as part of the Lifestyle Validation study so that the association of gluten with gastrological outcomes may be examined.
 Period: 11/01/16-05/31/17

Title: U of MN Obesity Prevention Center Lending Library of Research Equipment, Software, and Protocols
 Funding: U of MN Office of Vice President of Research
 Purpose: Fortify the equipment, software, and protocol library the Obesity Prevention Center provides to U of MN faculty and students carrying out obesity prevention related research.
 Period: 07/01/16-06/30/17

Title: U of M Food and Nutrient Database API to Support mHealth, teleHealth, and wearableHealth applications
 Funding: NIH through University of Minnesota MNREACH grant
 Purpose: Make the U of M Food and Nutrient Database more readily accessible to those developing mHealth, telehealth, and wearableHealth applications.
 Period: 11/01/15-12/31/16

Title: Feeding Infants and Toddlers Study

Funding: Nestle through a sub-contract with RTI
 Purpose: Collect 24-hour dietary recalls for a survey to assess food and nutrient intake of infants and toddlers in the US.
 Period: 10/24/14 – 04/30/17

Title: Designing a Food Benefit Program to Optimize Diet Quality for Obesity Prevention.
 Funding: NIH
 Purpose: Evaluate whether prohibiting the purchase of foods high in discretionary calories with Supplemental Nutrition Assistance Program (SNAP) benefits may improve the nutritional quality of foods purchased and consumed by program participants, especially when paired with an incentive to encourage the purchase of more nutritious foods.
 Period: 04/20/13 – 03/31/18

Title: Behavioral Family Systems Therapy for Teens with Type 2 Diabetes: A Pilot Grant
 Funding: NIH through a sub-contract with the N.E.I. du Pont de Nemours and Company
 Purpose: Collect 24-hour dietary recalls over the telephone from participants in a type 2 diabetes control trial.
 Period: 01/24/11 - 07/31/16

Title: Updating Nutrient Values and Cooking Yield Data for Beef
 Funding: National Cattlemen's Beef Association
 Purpose: Update nutrient values and cooking yields for beef in the NCC Food and Nutrient database.
 Period: 10/01/14 - 06/30/15

Title: Addition of Heme Iron to the Singapore Chinese Health Study
 Funding: NIH through a subcontract with the University of Pittsburgh
 Purpose: Assign heme iron values to foods in the food frequency questionnaire used for the Singapore Chinese Health Study.
 Period: 08/01/14 - 12/31/14

Title: Pilot Evaluation of a Novel Program to Improve the Nutritional Quality of Household Food Purchasing and Consumption
 Funding: U of MN Obesity Prevention Center
 Purpose: Assess level of use and characteristics of those using the Healthy Savings Program.
 Period: 07/01/14 - 06/30/15

Title: California Children's Healthy Eating and Exercise Practices Survey.
 Funding: USDA through a sub-contract with Fleishman-Hillard
 Purpose: Collect 24-hour dietary recalls over the telephone from children in California.
 Period: 12/01/12 – 09/30/13

Title: Do You See What I See? Eye Tracking of Parent/Child Pairs During Food Selection
 Funding: Robert Wood Johnson Foundation Healthy Eating Research Program
 Purpose: Compare various front of package nutrition labeling formats with regard to the extent to which each aids children and adults in making more nutritious food purchases in a supermarket setting.
 Period: 11/15/11-05/14/13

Title: Evaluation of the Nutritional Quality of Food Donations to the Emergency Foodshelf Network
 Funding: University of Minnesota Center for Urban and Regional Affairs
 Purpose: Evaluate the nutritional quality of foods donated by private citizens to the Emergency Foodshelf Network using the Dietary Guidelines for Americans as the benchmark.

Period: 07/01/12-06/30/13
 Title: Reducing Solid Fat and Added Sugar Intakes in Low-Income Preschoolers through Environmental and Behavioral Portion Size Strategies
 Funding: USDA through a sub-contract with Temple University
 Purpose: Evaluate parent-centered program designed to reduce solid fat and added sugar intake of low-income preschoolers.
 Period: 08/01/12-07/31/16

Title: Addition of User Defined Nutrient Priority Preference to FoodCalc
 Funding: Griffin Hospital (Yale Griffin Prevention Research Center)
 Purpose: Add a new feature to NCC's Food Calculation program that allows the user to select nutrients to be used in generating food formulations.
 Period: 02/01/12- 12/15/12

Title: Addition of Grains in Ounce Equivalents to Nutrition Data System for Research (NDSR)
 Funding: General Mills Bell Institute of Health & Nutrition
 Purpose: Add total grains, whole grains, and non-whole grains in ounce equivalents to the NCC Food and Nutrient Database so that researchers using NDSR may estimate grain intake in these units of measure.
 Period: 05/15/12-05/14/13

Title: Aggregation of NDS-Ingredient Data for the INTERMAP Study Dataset
 Funding: NIH through a subcontract with Northwestern University
 Purpose: Calculate glycemic index, glycemic load, and intake of various food groups for dietary recall data collected in the past.
 Period: 07/01/12 – 06/30/13

Title: Designing a Food Benefit Program to Optimize Diet Quality for Obesity Prevention: Pilot Study
 Funding: University of Minnesota Obesity Prevention Center
 Purpose: Pilot procedures for an experimental trial to be conducted to evaluate two strategies for improving the nutritional quality of the diets of participants in a food benefit program such as the Supplement Nutrition Assistance Program (SNAP).
 Period: 07/01/12- 05/31/13

Title: Men's Lifestyle Validation Study
 Funding: NCI through a sub-contract with Harvard University
 Purpose: Conduct data entry and quality control on food records collected from men participating in a study to evaluate the validity of the Automated Self-Administered 24-hour Dietary Recall System (ASA24), a newly available dietary assessment tool developed by the National Cancer Institute.
 Period: 09/29/10-08/31/13

Title: Yale Griffin Prevention Research Center – Nutrition Data System for Research (NDSR)
 Funding: Griffin Hospital (Yale-Griffin Prevention Research Center)
 Purpose: Add foods to the NCC Food and Nutrient Database for use by Yale Griffin in creating NuVal(Nutritional Value) scores for commercial food products
 Period: 02/1/2012 – 07/1/12

Title: Validity of Diet and Activity Measures in Women
 Funding: National Cancer Institute through a sub-contract with Harvard University
 Purpose: Conduct data entry and quality control on food records collected from women participating in a study to evaluate the validity of the Automated Self-Administered 24-

hour Dietary Recall System (ASA24), a newly available dietary assessment tool developed by the National Cancer Institute.

Period: 09/30/09-09/29/12

Title: Evaluating U.S. Children's Food Purchases and Caloric Intake to Gauge the Food Industry's Impact

Funding: Robert Wood Johnson Foundation through a sub-contract with the University of North Carolina Chapel Hill

Purpose: Provide information needed to understand the NCC Food and Nutrient Database.

Period: 06/15/11 – 01/13/12

Title: Evaluation of Nutritional Quality of Food in Backpack Program

Funding: Feeding America

Purpose: Evaluate the nutritional quality of menus from a sampling of Food Banks participating in the Backpack Program, a program designed to ensure children from food insecure households have nutritious foods to eat on days school is not in session.

Period: 10/01/11-12/31/11

Title: California Children's Healthy Eating and Exercise Practices Survey

Funding: California Department of Health through a sub-contract with the Network for a Healthy California, Public Health Institute

Purpose: Collect 24-hour dietary recalls over the telephone from children participating in the California Children's Healthy Eating and Exercise Practices Survey.

Period: 05/01/11-09/30/11

Title: Effect of National Mandatory Point-of-Purchase Calorie Labeling on Fast Food Menu Offerings

Funding: Robert Wood Johnson Foundation Healthy Eating Research Program

Purpose: Examine trends in the calorie content of restaurant menu items at 10 leading fast food restaurant chains from 1997-2010.

Period: 11/15/10-05/14/12

Title: Effectiveness of Mississippi Delta Women's Social Club Member Adopting Dietary Guidelines

Funding: USDA through a sub-contract with the University of Southern Mississippi

Purpose: Collect 24-hour dietary recalls over the telephone from participants in a behavioral intervention trial.

Period: 01/10/11-06/30/11

Title: Behavioral Family Systems Therapy for Teens with Type 2 Diabetes: A Pilot Grant

Funding: NIH through a sub-contract with the N.E.I. du Pont de Nemours and Company

Purpose: Collect 24-hour dietary recalls over the telephone from participants in a type 2 diabetes control trial.

Period: 04/01/11-07/31/15

Title: Integrated Sensor Technology for Real-Time Recording of Diet

Funding: NIH through a subcontract with Fred Hutchinson Cancer Research Center

Purpose: Facilitate data entry and analysis of dietary data collected using a new device (Dietary Data Recorder) to be developed to facilitate recording of food and beverage intake.

Period: 01/16/10-12/31/13

Title: Food and Nutrition Systems for Research

Funding: NIH

Purpose: Continued support for the maintenance and enhancement of the Nutrition Data Systems for Research (NDS-R) software and the University of Minnesota Nutrition Coordinating Center (NCC) Food and Nutrient Database.
 Period: 05/08/09-02/28/14

Title: Evaluating two Meal Service Strategies for Moderating Energy Intake of Preschool-aged Children
 Funding: Robert Wood Johnson Foundation Healthy Eating Research Program
 Purpose: Evaluate two child feeding strategies for moderating energy intake of preschool-aged children in childcare centers.
 Period: 09/01/08-02/28/10

Title: Feeding Infants and Toddlers Study '08 (FITS '08)
 Funding: Gerber through a subcontract with Mathematica Policy Research Inc.
 Purpose: Assist in protocol develop, and collect 24-hour dietary recalls over the telephone for participants in a survey to assess food and nutrient intake of infants and toddlers in the U.S.
 Period: 02/22/08-02/21/09

Title: The Lutein/Zeaxanthin and Omega-3 Supplementation Trial
 Funding: NEI through a subcontract with EMMES Corporation
 Purpose: Aid in the selection, validation, and processing of a food frequency questionnaire to be used to evaluate the diets of participants in a trial of lutein/zeaxanthin and Omega-3 fatty acid supplements for eye health.
 Period: 10/01/05-03/31/13

Title: Effect of Nutrition Labeling on Fast Food Choices
 Funding: NIDDK
 Purpose: The primary aim of this study is to determine whether the provision of nutrition information on a fast food restaurant menu results in the selection and consumption of lower calorie and lower fat meals.
 Period: 03/01/05-02/28/09

Title: Development and Evaluation of a Dietary Recall Questionnaire
 Funding: University of Minnesota Cancer Center Prevention and Etiology Program
 Purpose: To develop and evaluate a 24-hour dietary recall questionnaire that may be self-administered, requires no more than 15 minutes to complete, and may be optically scanned or key entered.
 Period: 04/01/06-09/30/06

Title: Impact of Nutrition Labels on Fast Food Choices
 Funding: University of Minnesota Obesity Prevention Center
 Purpose: Survey McDonald's patrons to evaluate the extent to which nutrition labeling at this restaurant chain is noticed and used by consumers in making food choices.
 Period: 12/01/05-11/30/06

Title: Effect of Mini Food Product Portion Sizes on Consumption
 Funding: Minnesota Medical Foundation
 Purpose: Examine the effect of small food product portions on food consumption relative to medium and large portions among elementary school-aged children.
 Period: 02/01/05-01/31/06

Title: 5-A-Day Preschool Power Plus
 Funding: NCI through a subcontract with the Minnesota State Department of Health

Purpose: Aid in the collection and analysis of evaluation data for 5-A-Day Preschool Power Plus, a study aimed at developing and evaluating an intervention for increasing fruit and vegetable intake of preschool-aged children.

Period: 09/01/04-8/31/06

Title: Effect of Nutrition Labeling on Fast Food Choices: A Pilot Study

Funding: Minnesota Obesity Center Epidemiology and Intervention Core

Purpose: Pilot procedures for study to examine effect of point of purchase calorie labeling and value size pricing on fast food meal choices.

Period: 07/01/2003-06/30/2004

Title: Women's Health Initiative: Nutrition Data Center

Funding: NCI through subcontract with the Fred Hutchinson Cancer Research Center

Purpose: Provide a comprehensive food and nutrient database for use in analyzing food frequency questionnaire data collected as part of the Women's Health Initiative.

Period: 09/30/92-09/29/04

Title: Beverage Consumption of Middle School Aged Children: Health and Assessment Issues

Funding: Dairy Management Incorporated

Purpose: Examine the association of beverage intake to overweight among children; evaluate the validity and reliability of a brief set of questions designed to assess children's beverage intake.

Period: 01/01/03-12/31/04

Title: Tools to Assess Nutrition and Physical Activity of Youth

Funding: Centers for Disease Control and Prevention & Association of Schools of Public Health

Purpose: Develop valid and reliable nutrition and physical activity assessment tools that may be used in surveillance systems to monitor health behaviors of youth in grades 6-8.

Period: 10/01/00-09/30/03

Title: Trends in Trans-Fatty Acid Intake Between 1980 and 1997

Funding: NHLBI

Purpose: Examine temporal trends in trans-fatty acid intake between 1980 and 1997 using dietary data collected as part of the Minnesota Heart Survey.

Period: 04/01/00-03/31/02

Title: Lakota Food Security and Obesity Study

Funding: Minnesota Obesity Center Obesity Core

Purpose: Document the prevalence of food insecurity among the Lakota Indians and examine the relationship of food insecurity to obesity.

Period: 04/01/00-08/31/00

Title: Database Support for the INTERMAP Study

Funding: NHLBI through subcontract with Northwestern University

Purpose: Provide database support for INTERMAP, a study designed to investigate associations between dietary factors and blood pressure in adult men and women in four countries.

Period: 06/01/95-05/31/00

Title: Use of Botanicals Among Adults in the Minneapolis/ St. Paul Metropolitan Area

Funding: Minnesota Medical Foundation

Purpose: Document the prevalence of use of herbal products among adults in the Minneapolis/ St. Paul Metropolitan area.

Period: 02/01/99-01/31/00

Co-investigator

Title: AI driven modifications of a mobile food record to enhance capture of dietary intake
Funding: MnDRIVE UMII Seed Grant
Purpose: Evaluate use of artificial intelligent to classify foods entered into a mobile food record into correct food categories.

Period: 01/03/23-01/02/24

Role: Co-investigator

Title: Evaluating Diet, Food Insecurity, and Food Purchasing Outcomes of a Full-Service Mobile Food Market with a Cluster Randomized Trial

Funding: NIH R01NR020539

Purpose: The overarching objective of this trial is to test the impact of a full-service mobile food market (a grocery store on wheels) on diet quality, food security, blood pressure, type 2 diabetes control, and body mass index in underserved communities.

Period: 02/01/22-12/31/26

Role: Co-Investigator

Title: Time Restricted Eating as a Viable Alternative to Caloric Restriction for Treating Hyperglycemia in a Population with Type 2 (T2DM) Diabetes

Funding: NIH R01DK129668

Purpose: This feasibility trial will provide valuable preliminary data justifying a definitive multi-center trial of time restricted eating in patients with T2DM.

Period: 04/01/22-03/31/25

Title: Reducing the Summer Health Gap: Evaluation of Community-Based Child Nutrition Assistance Program

Funding: NIH K23HD107179

Purpose: Evaluate a summertime, community-based child nutrition assistance program, the Summer Food Service Program (SFSP).

Period: 01/01/22-12/31/25

Role: Co-Investigator/Mentor

Title: Preliminary Evaluation of the Effects of a Culturally Relevant Weekend Food Program on Children's Food Security and Diet Quality

Funding: U of MN Health Foods Health Lives

Purpose: Evaluate acceptability and usage of food provided through the Every Meal Program, a program that provides bags of foods to children the last day of each school week. Multiple bag options are available to meet the weekend food needs of children from households with diverse racial/ethnic identities.

Period: 07/01/22-06/30/23

Title: Use of a Mobile Food Record, Enhanced by a Novel Artificial Intelligence-Based Informatics Framework to Expand Capture of Dietary Intake

Funding: Internal (University of Minnesota)

Purpose: Test the hypothesis that a mobile food record can expand capture of dietary intake, especially when enhanced by a novel artificial intelligence-based informatics framework.

Period: 01/01/22-12/31/23

Role: Co-investigator

Title: Prolonged Daily Fasting as a Viable Alternative to Caloric Restriction in At-Risk Obese Humans

Funding: NIH R01 (R01DK124484)

Purpose: Evaluate whether time restricted eating (TRE) with *ad libitum* intake alters caloric intake and whether the prolonged fasting associated with TRE may provide additional benefits beyond traditional caloric reduction in the treatment of obesity.
 Period: 04/01/20-12/31/23

Title: Examining Validity and Sensitivity of Pressure-mediate Reflection Spectroscopy as a measure of fruit and vegetable consumption in a diverse community.
 Funding: NIH R01 (R01HL142544) through a subcontract with East Carolina University
 Purpose: Evaluation of the validity of a non-invasive approach to measuring fruit and vegetable intake in racially diverse populations.
 Period: 06/01/19-05/31/23
 Role: Co-Investigator

Title: A Natural Experiment Evaluation the Effect of a Minimum Wage Increase on Obesity and Diet related Outcomes
 Funding: NIH R01 (R01DK118664)
 Purpose: At present, millions of workers in the United States earn the federal minimum wage of \$7.25 or less. Low-income individuals are at an increased risk for obesity and related chronic diseases; raising the minimum wage has the potential to affect obesity by reducing many of its risk factors. In this natural experiment the effect of an increase in the local minimum wage on changes in obesity-related risk over 5 years will be evaluated.
 Period: 04/01/18-03/31/23
 Role: Co-Investigator

Title: Optimizing Dietary Assessment in At-Risk Populations to Facilitate Personalized Nutrition
 Funding: UMN Institute for Diabetes Obesity and Metabolism Pilot and Feasibility Grant program
 Purpose: Evaluate whether pairing a mobile food record with a traditional interviewer-administered 24-hour dietary recall improves completeness of food reporting.
 Period: 12/01/2021-11/30/2022
 Role: Co-investigator

Title: The Roles of Acculturation and Media in the Nutrition of Immigrant and Refugee Families
 Funding: UMN/CHED Seed Grant
 Purpose: Examine the association between 3D acculturation, media/advertising literacy, and nutrition at the individual, family, and community levels among Somali refugees in Minneapolis and Jamaican immigrant in Miami.
 Period: 02/20/20-01/31/22

Title: SNAP and work-related policies: An in-depth analysis of low-wage worker perspectives and behaviors
 Funding: Tufts/UConn RIDGE Program
 Purpose: An in-depth analysis of low-wage workers related to SNAP and work-related policies. The aims are to: (1) to understand perspectives about current and future eligibility for SNAP benefits in two policy contexts (Minneapolis, MN and Raleigh, NC), and (2) to explore how, if at all, these perspectives affect decisions regarding household employment, major asset purchases, and savings.
 Period: 07/01/19-06/30/20
 Role: Co-Investigator

Title: Impact of the Minneapolis Staple Foods Ordinance in Healthy Food Availability
 Funding: NIH R01 (R01DK104348)

Description: The proposed study will explore how food access and purchasing in corner stores as the result of a food staple ordinance in Minneapolis.

Period: 12/01/14 - 11/30/18

Role: Co-Investigator

Title: Impact of a Local Food Ordinance on Healthy Food Access

Funding: [Special Interest Project of the UMN Prevention Research Center] (3U48DP005022-01S1)

Description: This funding is to support a collaborating center of NOPREN (Nutrition and Obesity Policy Research and Evaluation Network) of CDC. This project will evaluate the impact of a staple food ordinance on environmental and health disparities in the City of Minneapolis.

Period: 09/30/14-09/29/16

Role: Co-Investigator

Title: Maternal Obesity, Breastmilk Composition, and Infant Growth

Funding: NIH/NICHHD (R01 HD080444)

Description: The objective of this project is to test the lactational programming hypothesis in humans; that is, to assess 1) whether key appetite and satiety regulating hormone levels and adipocytokine levels are altered in the breastmilk of obese women, and 2) whether concentrations of these breastmilk factors are associated with the increased rate of adipose tissue gains seen in offspring of obese mothers. We will examine modifying effects of gestational weight gain and post-partum weight loss on these outcomes, and whether maternal diet and exercise during pregnancy and lactation may alter associations.

Period: 7/10/14-5/31/19

Role: Co-Investigator

Title: Improving High School Breakfast Environments

Funding: NIH

Purpose: The goals of this intervention study are to implement best practice strategies to expand and promote the School Breakfast Program in rural schools (SBP) and test the impact upon 1) student participation rates, based on reimbursable meals served, 2) overall student caloric intake and diet quality and 3) body mass index and percent body fat.

Period: 02/08/13 -01/31/17

Role: Co-Investigator

Title: Assessment of Sodium Intake from a Variety of Sources

Funding: CDC

Purpose: The primary objective of this study is to assess the proportion of total sodium intake that comes from sodium added to processed and restaurant foods among US adults based on accurate assessment of sodium intake from foods and beverages (including water), discretionary salt, supplements and antacids.

Period: 08/27/12-08/27/15

Title: Effects of the Supplemental Nutrition Assistance Program (SNAP) on Food Spending: A Meta-Analysis

Funding: University of Minnesota Food Policy Research Center

Purpose: Conduct a meta-analysis to evaluate whether restricting the set of foods SNAP program participants may purchase positively influences food and nutrient intake of program participants.

Period: 04/01/13-10/31/13

Title: Developing Research Capacity to test Behavioral Economic Intervention in Child Nutrition Programs.

Funding: USDA
 Purpose: Build a collaborative team with diverse backgrounds and pursue experimental studies in child food service settings that apply behavioral economic strategies to improve child nutrition.
 Period: 10/1/10-07/31/11

Title: Etiology of Childhood Obesity (ECHO)
 Funding: NIH
 Purpose: To examine the etiology of childhood obesity using a socio-ecological approach considering possible risk and protective factors at individual, family, school and neighborhood levels.
 Period: 09/01/06-05/31/11

Title: Observational Ratings of Child feeding Practices among Preschoolers
 Funding: Obesity Consortium of Minnesota
 Purpose: Comprehensively assess child feeding practices currently used by parents of at-risk preschoolers and develop a methodology that can be used to eventually test which child feeding practices are most effective in preventing excess weight gain among children.
 Period: 09/01/08-08/31/10

Title: Molecular Epidemiology of Colorectal Cancer subtypes
 Funding: NIH through a subcontract with the Mayo Clinic
 Purpose: Determine risk factors for molecularly defined colorectal cancers.
 Period: 07/01/05-06/30/10

Title: Self-Regulation Treatment for Pediatric Obesity
 Funding: University of Minnesota Academic Health Center
 Purpose: Evaluate the efficacy of an intervention to reduce eating in the absence of hunger in overweight children.
 Period: 01/01/07-12/31/10

Title: Minnesota Heart Survey
 Funding: NIH / NHLBI
 Purpose: Conduct a population survey of 4,800 adults and 1,200 youth ages 8-17 to continue surveillance to detect current trends in cardiovascular disease risk factors.
 Period: 08/01/06-07/31/10

Title: Hispanic Community Health Survey- Nutrition Coordinating Center
 Funding: NIH through a subcontract with the University of North Carolina
 Purpose: The Nutrition Coordinating Center (NCC) will function as the nutrition reading center for the Hispanic Community Health Study. NCC will provide training, ongoing oversight, and procedures for the collection of two 24-hour dietary recalls from 4,000 study participants in four field centers in the U.S.
 Period: 10/01/06-03/31/13

Title: Preventing Childhood Obesity through Computer Tailored Guidance to Parents
 Funding: Viking Children's Fund
 Purpose: Create, test and evaluate a primary-care clinic based interactive computerized assessment system that will generate targeted recommendations for the prevention of obesity aimed at parents of children being seen for well-child checks.
 Period: 11/01/06-10/31/08

Title: Preventing Childhood Obesity through Improved Parental Perception of Child Weight Status

Funding: University of Minnesota Obesity Prevention Center
Purpose: Develop and evaluate a weight status report for provision to parents of preschool age children during well child visits.
Period: 08/01/06-07/31/07

Title: Validation of Internet-based Dietary Assessment
Funding: University of Minnesota TREC Center
Purpose: To develop and evaluate a web-based 24-hour dietary recall questionnaire.
Period: 04/01/06-03/31/07

Title: Environmental Intervention for Weight Gain Prevention
Funding: NIDDK
Purpose: Assess the efficacy of a multi-component environmental intervention in preventing weight gain among working adults.
Period: 04/01/05-03/31/10

Title: Epidemiology of Cancer in a Cohort of Older Women
Funding: NCI
Purpose: Extension of follow-up of the Iowa Women's Health Study cohort, including linkage to Medicare records, to provide additional information on risk factors for and consequences of cancer.
Period: 03/01/05-02/28/10

Title: Worksite Environmental Interventions for Weight Control
Funding: NHLBI
Purpose: The proposed study will evaluate the efficacy of a two-year, multi-component environmental intervention to prevent excess weight gain among 1200 bus drivers working in four garages in a major metropolitan area.
Period: 09/30/04-09/29/08

Title: Food and Nutrition Systems for Research
Funding: NHLBI
Purpose: Continued support for the maintenance and enhancement of the Nutrition Data Systems for Research (NDS-R) software and the University of Minnesota nutrition Coordinating Center (NCC) food and Nutrient Database.
Period: 07/01/04-06/30/09

Title: Epidemiology of Cancer in a Cohort of Older Women
Funding: National Cancer Institute
Purpose: Extend follow-up of cancer incidence and mortality in a cohort of women to further examine risk factors for incident cancers.
Period: 03/01/00-02/28/05

Title: NDS-R Fluoride Component
Agency: NIDCR
Purpose: Develop a national fluoride database and a standardized method for assessment of total fluoride intake.
Period: 09/30/01-09/30/05

Title: Community Surveillance of CVD - Risk Factor Survey I
Funding: NHLBI
Purpose: Conduct a population survey of 4,000 adults to continue surveillance to detect current trends in cardiovascular disease risk factors.
Period: 12/01/99-11/30/03

Title: Food and Nutrient Systems for Research
Funding: NHLBI
Purpose: This research intends to continue to provide an accurate, up-to-date food and nutrient database, and dietary data collection system.
Period: 12/01/98-11/20/03

Title: 5 a Day Cafeteria Power Plus Program
Funding: NCI
Purpose: Test an intervention to increase fruit and vegetable intake of elementary school-aged children through changes in the school cafeteria.
Period: 09/01/98-06/30/02

Title: Pathways - Full Scale Study
Funding: NHLBI
Purpose: School-based obesity prevention study for American Indian children living on reservations.
Period: 09/01/93-08/31/01

Title: Distribution of Body Fat and Cancer Risk in Women
Agency: NCI
Purpose: Longitudinal investigation of mortality and cancer risk factors in 41,837 Iowa women aged 55-69 in 1986.
Period: 05/10/95-02/28/00

Title: A Case Control Study of Pancreatic Cancer and Aromatic Amines
Funding: NCI
Purpose: Examine the independent and combined effects of arylamine acetylator status and N-oxidation status, cigarette smoking, and high meat consumption on subsequent risk of pancreatic cancer.
Period: 09/16/93-11/30/99

Title: A Nutrition Data System for Research and Education
Agency: NHLBI
Purpose: Continue to provide an accurate, up-to-date food and nutrient database, and a dietary data collection system for use in clinical research and nutrition education.
Period: 09/24/94-11/30/98

SELECTED PROFESSIONAL SERVICE AND OUTREACH ACTIVITES

Grant Reviewer

1999 USDA Food Assistance and Nutrition Research Program
2000 National Dairy Council Grants Program
2000 USDA Food Assistance and Nutrition Research Program
2001 NIH, NIDDK RFA DK-00-017 (Ancillary Studies in Conjunction with Show Trial)
2004 Grant Review Panel for National Cattleman's Beef Association Research Program
2005 Grant Review Panel Member, Pennsylvania State Department of Health
2005 USDA Food Assistance and Nutrition Research Program
2008 USDA Food Assistance and Nutrition Research Program
2008 Robert Wood Johnson Foundation Healthy Eating Research Rapid Response Program
2009 Robert Wood Johnson Foundation Healthy Eating Research Rapid Response Program
2010 NIH, NCI PA for Improved Measures of Diet and Physical Activity
2014 Canadian Cancer Society Innovation Grant Competition
2016 NIH Review Committee for Fellowships (F31/ F32)
2017 NIH Review Committee for SBIR applications

Service to Professional Organization

- 1999-2009 Nominating Committee (Chair), Association of the Faculties in Graduate Programs in Public Health Nutrition
- 1998 Organizing Committee Member, 1999 National Food and Nutrient Databank Conference
- 1999 Organizing Committee Member, 2000 National Food and Nutrient Databank Conference
- 2009-present Steering Committee Member, National Food and Nutrient Databank Conference
- 2011 Organizing Committee Member, 2012 National Food and Nutrient Databank Conference
- 2012- 2013 Program Planning Committee Chair, 2013 National Food and Nutrient Databank Conference
- 2013-2015 Nominating Committee Member, National Nutrient Databank Conference
- 2017-2018 Local Arrangements Committee Chair, 2018 National Nutrient Databank Conference
- 2017-2018 Program Planning Committee Member, 2018 National Nutrient Databank Conference
- 2019-2020 Local Arrangements Committee Member, 2020 National Nutrient Databank Conference
- 2018-present Treasurer, National Nutrient Databank Conference
- 2018-present Executive Committee Member, National Nutrient Databank Conference

Service on National Academies of Sciences Engineering and Medicine Committees

- 2008-2009 Institute of Medicine, Food and Nutrition Board. Nutrition Standards for National School Lunch and Breakfast Programs. Committee Member.
- 2021 National Academies of Science, Engineering, and Medicine. Workshop on Approaches to Assessing Intake of Food and Dietary Supplements in Pregnant Women and Children 2 to 11 Years of Age. Program Planning Committee Member.

Community Work and Consultations (Selected)

- 2002 Harvard University, School of Public Health, Prevention Center. Invited Workshop Participant. Altering Obesity Trends: How Can We Link What We Know to What we Do?
- 2005 The Keystone Center and National Consortium for Specialized Secondary Schools of Mathematics, Science and Technology. Child and Adolescent Nutrition in America Policy Summit. Panel member
- 2005-2006 NIH Office of Dietary Supplements. Reviewer for the NIH Office of Dietary Supplement's Annual Bibliographies of Significant Advances in Dietary Supplement Research.
- 2007 Kaiser Permanente Foundation. Assisted in planning evaluation of point of purchase calorie labeling in employee cafeterias.
- 2007 BlueCross BlueShield of Minnesota. Assisted in planning evaluation of fruit and vegetable promotion campaign.
- 2007 Centers for Disease Control and Prevention. Member of CDC 2010 Physical Activity and Nutrition Study Expert Panel.
- 2008 Hennepin County Public Health Department. Provided input on community survey related to point of purchase calorie labeling in restaurants.
- 2008 Minnesota Department of Health. Assisted in analyzing data collected as part of a study to increase fruit and vegetable intake of preschool aged children.
- 2008 USDA Food Survey Research Group. Reviewed My Pyramid Equivalents Database, 2.0 for USDA Survey Foods, 2003-2004 (MPED 2:0)
- 2008 American Dietetic Association. Member of Task Force on Restaurant Nutrition Labeling Research
- 2008 International Society for Behavioral Nutrition and Physical Activity. Abstract reviewer
- 2008 International Conference on Diet and Activity Methods. Abstract reviewer
- 2009 Minnesota Department of Health (assist in planning evaluation of the USDA Fresh Fruit and Vegetable School program)

2008-2009	Robert Wood Johnson Foundation Healthy Eating Research Program. Restaurant Nutrition Labeling Scientific Advisory Committee member
2009-2012	Minneapolis Heart Institute Foundation. Provide guidance on development of the restaurant component of the Heart of New Ulm project.
2009	New York University. Reviewed study questionnaires and procedures for an NIH funded study to evaluate point of purchase calorie labeling in restaurants.
2010	Parents in Community Action (PICA). Provided a presentation to PICA Head Start Center kitchen staff about serving nutritious meals to preschool aged children.
2011	RAND Corporation. Member of planning committee for conference "Performance Standards for Away from Home Meals."
2010-2011	Minnesota Department of Health. Provided advice on intervention and evaluation components of Great Trays, a CDC funded project to improve school meals in Minnesota.
2013	Hudson Institute. Provided advice on nutrition standards for grocery store foods.
2013-2014	Branded Food Product Database for Public Health Public-Private Partnership Data Quality Subgroup member.
2013-2014	California Food Policy Advocates. Providing advice on designing a study to evaluate changes to the Supplemental Nutrition Assistance Program (SNAP).
2016	Healthy Foods Healthy Lives Food Skills Assessment Workshop participant
2017	Academy of Nutrition and Dietetics Farm Bill Work Group member
2019	Leadership Team Member, 2030 Diabetes/CVD Minnesota State Plan
2019	Advisory Committee for the Healthy Retail Research Convening Meeting
2020-2021	University of Pennsylvania Fruit and Vegetable Incentives study consultant
2021-2022	Center for Science in the Public Interest, consultant assisting community organization in planning SNAP restrictions paired with incentives evaluations

Memberships in Professional Societies

Academy of Nutrition and Dietetics
American Society for Nutritional Sciences

UNIVERSITY OF MINNESOTA COMMITTEE SERVICE

Division of Epidemiology and Community Health

1998-2000	Public Health Nutrition MPH Comprehensive Exam Review Committee
1998-2000	Computer Services Committee
1998-2010	Research/Awards Committee (Chair 2004-2008)
1998-2005	Public Health Nutrition MPH Recruitment Strategies Committee (Chair)
1999	Epidemiology MPH Program Review Committee
1999-2000	Research/Awards Committee
2001-2002	Division of Epidemiology Web Committee
2002-2003	Faculty Advisory Committee
2001-2002	Public Health Nutrition Curriculum Committee
2003-2004	Public Health Nutrition Nutritional Epidemiology Committee
2003-2006	Epidemiology PhD Exam Committee: Part B
2004-2005	Search Committee for Obesity Prevention Assistant Professor positions
2004	Faculty Evaluation Committee
2005-2006	Public Health Nutrition Program Admissions Committee
2007-2008	PhD Track Conversion Committee
2007-2008	Public Health Nutrition Curriculum Review/ Credentials Committee
2008-2011	Epidemiology MPH Admissions Committee
2008-2010	Data Safety Monitor. New Moves Study
2010-2013	Data Safety Monitor. Box Lunch Study
2013-2015	Budget Building Committee Member
2014- 2015	JB Hawley Student Research Awards Committee Member
2015-2017	Member, Faculty Executive Committee

2016-2020 Chair, Public Health Nutrition Faculty Search Committee
 2017-2021 Philanthropy Committee
 2018-2021 Undergraduate Education Committee
 2011-2022 Public Health Nutrition Admissions Committee
 2022-present Member, Faculty Executive Committee

School of Public Health

1999-2002 School of Public Health Faculty Consultative Committee
 1999-2002 School of Public Health Policy Council
 2003-2004 Research Committee (Chair)
 2009-2010 DrPH Ad Hoc Committee
 2011-2013 Academic Promotion and Tenure Committee (Chair, 2012; present)
 2012 – 2014 Faculty Salary Equity Committee

Other University of Minnesota

2002 Academic Health Center Faculty Research Development Grants Review Committee
 2002 Academic Health Center Seed Grants Review Committee
 2006 Obesity Consortium Pilot Project Review Committee
 2012- 2014 Food Policy Research Center Steering Committee Member

Faculty and Post-Doctoral Fellow Mentoring

Pamela Lutsey- faculty
 Jamie Slaughter-Acey- faculty
 Abigail Johnson- faculty
 Jiwoo Lee- faculty

Cumulative Teaching Experiences at the University of Minnesota

Course	Terms	Credits	Role
Dietary Assessment (PubH 5907)	1999 (SSI)	1	Sole Instructor
Dietary Assessment (PubH 5907)	2000 (SSI)	1	Sole Instructor
Nutrition: Health/Disease Relationships (PubH 5933)	2001 (Spring)	2	Sole Instructor
Dietary Assessment (PubH 5907)	2002 (Spring)	1	Sole Instructor
Nutrition: Health/Disease Relationships (PubH 5933)	2002 (Spring)	2	Sole Instructor
Nutritional Epidemiology (PubH 5389)	2002 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 5909)	2003 (Spring)	2	Co-Instructor
Nutrition: Health/Disease Relationships (PubH 5933)	2003 (Spring)	2	Sole Instructor
Nutritional Epidemiology (PubH 5389)	2003 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 5909)	2004 (Spring)	2	Co-Instructor
Nutrition: Health/Disease Relationships (PubH 5933)	2004 (Spring)	2	Sole Instructor
Nutritional Epidemiology (PubH 5389)	2004 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2005 (Spring)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2005 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2006 (Spring)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2006 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2007 (Spring)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2007 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2008 (Spring)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2008 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2009 (Spring)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2009 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2010 (Spring)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2010 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2011 (Spring)	2	Co-Instructor

Nutritional Epidemiology (PubH 6389)	2011 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2011 (Fall)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2012 (Fall)	2	Sole Instructor
Nutrition and Chronic Disease (PubH 6933)	2013 (Spring)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2012 (Fall)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2013 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2013 (Fall)	2	Co-Instructor
Nutrition and Chronic Disease (PubH 6933)	2014 (Spring)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2014(Fall)	2	Co-Instructor
Nutritional Epidemiology (PubH 6389)	2014 (Fall)	2	Sole Instructor
Nutrition and Chronic Disease (PubH 6933)	2015 (Spring)	2	Sole Instructor
Nutritional Epidemiology (PubH 6389)	2015 (Fall)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2015 (Fall)	2	Co-Instructor
Nutrition and Chronic Disease (PubH 6933)	2016 (Spring)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2016 (Fall)	2	Co-Instructor
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Nutrition Assessment (PubH 6915)	2018 (Fall)	2	Co-Instructor
Nutrition and Chronic Disease (PubH 6933)	2019 (Spring)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2019 (Fall)	2	Co-Instructor
Nutrition and Chronic Disease (PubH 6933)	2020 (Spring)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2020 (Fall)	2	Co-Instructor
Nutrition and Chronic Disease (PubH 6933)	2021 (Spring)	2	Sole Instructor
Nutrition Assessment (PubH 6915)	2021 (Fall)	2	Co-Instructor
Nutrition and Chronic Disease (PubH 6933)	2022 (Spring)	2	Sole Instructor
