

## **KIMBERLY PARKER TRUESDALE, PhD, MSPH**

*Associate Professor*

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Department of Nutrition

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### **HONORS**

Nutrition Department Impact Award, 2021

### **MEMBERSHIPS**

Member, The Obesity Society, 2001 – present

### **BIBLIOGRAPHY**

1. Dixon J, Stage V, **Truesdale KP**, Kolasa K, Haynes-Maslow L, McGuirt J, Jilcott Pitts SB. Associations between food and beverage purchases and skin carotenoids among diverse small food retail store customers. *Public Health Nutr.* 2023 Aug 7:1-7. doi: 10.1017/S1368980023001581. Epub ahead of print. PMID: 37548230.
2. Hiatt RA, Clayton MF, Collins KK, Gold HT, Laiyemo AO, **Truesdale KP**, Ritzwoller DP. The Pathways to Prevention (P2P) Program: Nutrition as Prevention for Improved Cancer Outcomes. *J Natl Cancer Inst.* 2023 Aug 8;115(8):886-895. doi: 10.1093/jnci/djad079. PMID: 37212639; PMCID: PMC10407697.
3. Heerman WJ, Sneed NM, Sommer EC, **Truesdale KP**, Matheson D, Noerper TE, Samuels LR, Barkin SL. Ultra-Processed Food Consumption and BMI-Z Among Children at Risk for Obesity from Low-Income Households. *Pediatric Obesity.* 2023. 2023 Aug;18(8):e13037. doi: 10.1111/ijpo.13037. Epub 2023 Apr 18. PMID: 37070567; PMCID: PMC10434975.
4. Sneed NM, Ukwuani S, Sommer EC, Samuels LR, **Truesdale KP**, Matheson D, Noerper TE, Barkin SL, Heerman WJ. Reliability and validity of assigning ultraprocessed food categories to 24-h dietary recall data. *Am J Clin Nutr.* 2023 Jan;117(1):182-190. doi: 10.1016/j.ajcnut.2022.10.016. Epub 2022 Dec 19. PMID: 36789937.
5. Adams LE, Sommer EC, **Truesdale KP**, Barkin SL, Heerman WJ. Validation of a new scoring approach of a child dietary questionnaire for use in early childhood among low-income, Latino populations. *BMC Nutr.* 2022 Oct 31;8(1):125. doi: 10.1186/s40795-022-00618-4. PMID: 36316788; PMCID: PMC9620651.
6. Tate DF, Lutes LD, Bryant M, **Truesdale KP**, Hatley KE, Griffiths Z, Tang TS, Padgett LD, Pinto AM, Stevens J, Foster GD. Efficacy of a Commercial Weight Management Program Compared With a Do-It-Yourself Approach: A Randomized Clinical Trial. *JAMA Netw Open.* 2022 Aug 1;5(8):e2226561. doi: 10.1001/jamanetworkopen.2022.26561. Erratum in: *JAMA Netw Open.* 2022 Sep 1;5(9):e2235316. PMID: 35972742; PMCID: PMC9382439.
7. Kho A, Daumit GL, **Truesdale KP**, Brown A, Kilbourne AM, Ladapo J, Wali S, Cicutto L, Matthews AK, Smith JD, Davis PD, Schoenthaler A, Ogedegbe G, Islam N, Mills KT, He J,

Watson KS, Winn RA, Stevens J, Huebschmann AG, Szeffler SJ. The National Heart Lung and Blood Institute Disparities Elimination through Coordinated Interventions to Prevent and Control Heart and Lung Disease Alliance. *Health Serv Res.* 2022 Jun;57 Suppl 1(Suppl 1):20-31. doi: 10.1111/1475-6773.13983. PMID: 35383917; PMCID: PMC9108215.

8. Bullock SL, Dawson-McClure S, **Truesdale KP**, Ward DS, Aiello AE, Ammerman AS. Associations between a Universal Free Breakfast Policy and School Breakfast Program Participation, School Attendance, and Weight Status: A District-Wide Analysis. *Int J Environ Res Public Health.* 2022 Mar 22;19(7):3749. doi: 10.3390/ijerph19073749. PMID: 35409433; PMCID: PMC8998064.
9. Boys KA, Haynes-Maslow L, McGuirt JT, Ammerman AS, Van Fleet EE, Johnson NS, Kelley CJ, Donadio VE, Fleischhacker SE, **Truesdale KP**, Bell RA, Jilcott Pitts SB. Perceived barriers and facilitators to participating in the North Carolina Healthy Food Small Retailer Program: a mixed-methods examination considering investment effectiveness. *Public Health Nutr.* 2021 Dec;24(18):6555-6565. doi: 10.1017/S1368980021003955. Epub 2021 Sep 13. PMID: 34509178.
10. Robinson TN, Matheson DM, Desai M, Wilson DM, Weintraub DL, Banda J, Haskell W, Sanders L, Haydel KF, Killen JD, **Truesdale KP**, Stevens J, Pratt C. A community-based, multi-level, multi-setting, multi-component intervention to reduce weight gain among low socioeconomic status Latinx children with overweight or obesity: The Stanford GOALS. *Lancet Diabetes Endocrinol.* 2021 Jun;9(6):336-349. doi: 10.1016/S2213-8587(21)00084-X. Epub 2021 Apr 29. PMID: 33933181; PMCID: PMC8241238.
11. Jilcott Pitts SB, Wu Q, **Truesdale KP**, Rafferty AP, Haynes-Maslow L, Boys KA, McGuirt JT, Fleischhacker S, Johnson N, Kaur AP, Bell RA, Ammerman AS, Laska MN. A four-year observational study to examine the dietary impact of the North Carolina Healthy Food Small Retailer Program, 2017-2020. *Int J Behav Nutr Phys Act.* 2021 Mar 24;18(1):44. doi: 10.1186/s12966-021-01109-8. PMID: 33761952; PMCID: PMC7990380.
12. McGuirt JT, Wu Q, Laska MN, **Truesdale KP**, Rafferty AP, Bell RA, Ammerman AS, Jilcott Pitts SB. Associations between shopping patterns, dietary behaviors, and Geographic Information System-assessed store accessibility among small food store customers. *Public Health Nutrition.* 2020 Dec 15:1-28. doi: 10.1017/S1368980020005017. Epub ahead of print. PMID: 33317649.
13. LeCroy MN, Nicastrò HL, **Truesdale KP**, Matheson DM, Ievers-Landis CE, Pratt C, Jones S, Sherwood NE, Burgess LE, Robinson TN, Yang S, Stevens J. Dietary patterns and associations with body mass index in low-income, ethnic minority youth in the United States according to baseline data from four randomised controlled trials. *British Journal of Nutrition* 2020 Sep 30:1-11. doi: 10.1017/S0007114520003852. Epub ahead of print. PMID: 32993818.
14. LeCroy MN, **Truesdale KP**, Matheson DM, Karp SM, Moore SM, Robinson TN, Berge JM, Nicastrò HL, Thomas AJ. Snacking characteristics and patterns and their associations with diet quality and BMI in the Childhood Obesity Prevention and Treatment Research Consortium. *Public Health Nutr.* 2019 Dec;22(17):3189-3199. doi: 10.1017/S1368980019000958. Epub 2019 May 21.
15. **Truesdale KP**, Matheson D, Pratt C, JaKa MM, McAleer S, Sommer E, Stevens J. Baseline diet quality of predominantly minority children and adolescents from households characterized by low socioeconomic status in the Childhood Obesity Prevention and Treatment Research (COPTR) Consortium. *BMC Nutr.* 2019 Sept 9;5:38. doi: 10.1186/s40795-019-0302-y.
16. Cui Z, **Truesdale KP**, Ward DS, Hotop A, Poe E, Escarfuller J, Casey T, Lotas L, Andrisin, S, Robinson T, Matheson D, French S, Pemberton V, Pratt C. Recruitment strategies for predominantly low-income, multi-racial/ethnic children and parents to 3-year community based

intervention trials: Childhood Obesity Prevention and Treatment Research (COPTR) Consortium. *Trials*. 2019 May 28;20(1):296. doi: 10.1186/s13063-019-3418-0.

17. Moore SM, Borawski Ea, Love TE, Jones S, McAleer S, Casey TL, Hardin HK, Long M, Nevar AN, Plow M, Thomas C, Stevens J, **Truesdale KP**, Uli NK, Trapl ES, Pratt C. Two Family Interventions to Reduce BMI in Low-Income Urban Youth: A Randomized Trial. *Pediatrics*. 2019 May 24. pii: e20182185. doi: 10.1542/peds.2018-2185. [Epub ahead of print]
18. Jilcott Pitts SB, Wu Q, **Truesdale KP**, Haynes-Maslow L, McGuirt JT, Ammerman A, Bell R, Laska MN. One-Year Follow-Up Examination of the Impact of the North Carolina Healthy Food Small Retailer Program on Healthy Food Availability, Purchases, and Consumption. *Int J Environ Res Public Health*. 2018 Nov 28;15(12)
19. French SA, Sherwood NE, Veblen-Mortenson S, Crain AL, JaKa MM, Mitchell NR, Hotop AM, Berge JM, Kunin Batson AS, **Truesdale K**, Stevens J, Pratt C, Esposito L. Multicomponent Obesity Prevention Intervention in Low-Income Preschoolers: Primary and Subgroup Analyses of the NET-Works Randomized Clinical Trial, 2012-2017. *Am J Public Health*. 2018 Dec;108(12):1695-1706.
20. Barkin SL, Heerman WJ, Sommer EC, Martin NC, Buchowski MS, Schlundt D, Po'e EK, Burgess LE, Escarfuller J, Pratt C, **Truesdale KP**, Stevens J. Effect of a Behavioral Intervention for Underserved Preschool-Age Children on Change in Body Mass Index: A Randomized Clinical Trial. *JAMA* 2018. *JAMA*. 2018 Aug 7;320(5):450-460.
21. Jilcott Pitts SB, Jahns L, Wu Q, Moran NE, Bell RA, **Truesdale KP**, Laska MN. A non-invasive assessment of skin carotenoid status through reflection spectroscopy is a feasible, reliable and potentially valid measure of fruit and vegetable consumption in a diverse community sample. *Public Health Nutrition*. 2018. 21(9), 1664-1670.
22. Tripicchio GL\*, Ammerman AS, Ward DS, Faith MS, **Truesdale KP**, Burger KS, Dean K, Dumenci L, Davis A. Clinical-Community Collaboration: A Strategy to Improve Retention and Outcomes in Low-Income Minority Youth in Family-Based Obesity Treatment. *Childhood Obesity*. 2018. 14(3), 141-148.

\* Student that I mentored.

## STUDENT MENTORING

### BSPH Students

August 2018 – May 2020	Bryan Obika
August 2019 – May 2021	Barkley Browder
	Senior Honors Thesis: Effects of a high-risk pregnancy on child dietary intake
January 2020 – May 2020	Andrew Zhang
August 2020 – May 2022	Tiye Jones Amen Hetep
August 2021 – May 2023	Sahil Hira

### MPH Students – Residential program

Sining Xiao (Fall 2022)  
John Coleman (Fall 2022)  
Nabeel Faridy (Fall 2022)  
Julia Hedelman (Fall 2022)  
Zhibei Wang (Fall 2022)  
Michele Niendorf (Fall 2022)

Brenna Nishan (Fall 2022)  
Jennifer Regan (Fall 2022)  
India Washington (Fall 2022)  
Mackenzie Farmer (Fall 2023)\*  
Caroline Polito (Fall 2023)\*

### MPH@UNC program

Ianca Bryant (Fall 2020)  
Gideon Park (Fall 2020)  
Taylor Arbuckle (Spring 2021)  
Katherine Latour (Spring 2021)  
Alesia Pruitt (Spring 2021)  
Rosemarie Scharf (Spring 2021)  
Mallory Schultz (Spring 2021)  
Amanda Smith (Spring 2021)  
Joy Ellis (Summer 2021)  
Jennifer Nyhan (Summer 2021)  
Cristina Picozzi (Summer 2021)\*  
Nelson Serrano (Summer 2021)  
Sierra Bailey (Fall 2021)  
Jennifer Beightley (Fall 2021)  
Yuxuan Feng (Fall 2021)  
April Hirsch (Fall 2021)  
Mayte Nieves (Fall 2021)\*  
Grace Sagers (Fall 2021)  
Alyssa Victory (Fall 2021)  
Dalton Wheelless (Fall 2021)  
Lindsey Zink (Fall 2021)

Lisa Dalrymple (Spring 2022)\*  
Skyler Kilmer (Spring 2022)\*  
Nana Samake (Spring 2022)\*  
Siyuan Shen (Spring 2022)\*  
Sarah Christian (Fall 2022)\*  
Kerianne Edwards (Fall 2022)\*  
Julie Munoz (Fall 2022)\*  
Grace Ourada (Fall 2022)\*  
Natalie Fine (Summer 2023)\*  
Joann Jurney (Summer 2023)\*  
Kaitlin Boals (Fall 2023)\*  
Nicole Harms (Fall 2023)\*  
Kelsey Hutchison (Fall 2023)\*  
Chris Wise (Fall 2023)\*  
Chelsea Russell (Spring 2024)\*  
Alexis Wilcox (Spring 2024)\*  
ly Anna Wright (Spring 2024)\*  
Ashley Schlageter (Summer 2024)\*  
Lila Weinstein (Summer 2024)\*

\*Students currently enrolled in MPH program

## **TEACHING ACTIVITIES**

### **COURSES TAUGHT**

Instructor, Developing, Implementing and Evaluating Public Health Solutions (SPHG 722)  
The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina  
Spring 2022, 385 students  
Spring 2023, 278 students  
Spring 2024, 253 students

### **ONGOING RESEARCH SUPPORT**

1U24HL151308-01 (Stevens)  
NHLBI

09/10/2020-08/31/2027

### **Coordinating Center for the DECIPHER NETWORK**

This U24 grant supports a Coordinating Center (CC) for the Disparities Elimination through Coordinated Interventions to Prevent and Control Heart and Lung Disease Risk (DECIPHER) Alliance. The CC

supports and enhances an Alliance for seven Implementation Research Centers conducting implementation studies to reduce or eliminate disparities for heart and lung disease.

Role: Research Director

2P30-DK056350-21 (Mayer-Davis, Shaikh)

09/30/1999 - 03/31/2026

NIH/NIDDK

### **UNC Nutrition Obesity Research Center (NORC)**

The goals of the UNC NORC are to: provide resources and support to investigators conducting multidisciplinary research in nutrition and obesity; enhance the impact and presence of nutrition and obesity research at UNC; strengthen clinical nutrition training programs for medical students, practicing physicians, and allied health personnel; and to translate findings from obesity and nutrition research to the general public to use to improve their overall health.

Role: Behavioral Assessment Subcore Director

Role: Pilot and Feasibility Program Co-Director

1R01HD100458-01A1 (Heerman)

07/01/2020-06/30/2025

VUMC/NIH

### **COACH: Competency Based Approaches for Community Health**

COACH (COmpetency-Based Approaches to Community Health) implements a personally tailored approach, equipping families to engage in health behaviors despite dynamic barriers. COACH is a multi-level intervention targeting 1) the individual child through developmentally appropriate health behavior curriculum, 2) the family by addressing parent weight loss directly and engaging parents as agents of change for their children, and 3) the community by building capacity of Parks and Rec centers to offer parent-child programming.

Role: Co-investigator

1U24DK132715-01 (Shaikh, Onger, Truesdale)

04/01/2022-03/31/2027

NIH/NIDDK

### **North Carolina Consortium for Diversity Career Development in Nutrition, Obesity, and Diabetes Research**

This Consortium will be supporting, promoting, and launching the expansion of nutrition, obesity and diabetes researchers in North Carolina (SPLENDOR-NC). It will build on the extensive infrastructure already in place within and across our six institutions to offer a robust Pilot and Feasibility Program and carefully curated Scholars Program for professional development to support the success of diverse scientists in the conduct of research in nutrition, obesity, diabetes, and related conditions.

Role: MPI and Faculty Liason

## **PROFESSIONAL SERVICE**

Nutrition Department

- Faculty Lead, MPH Nutrition Concentration, 2022 – present.
- MPH Committee, 2022 - present
- Chair, Diversity Committee, 2012 - 2021.
- Search committee member, Nutrition Department Chair, 2023
- Search committee member, Nutrition Department Professor, open rank, 2023

Gillings School of Public Health

- Inclusive Excellence Committee, 2018 – present
- Gillings MPH Steering Committee, 2022 - present

National

Childhood Obesity Prevention and Treatment Research Consortium

- Chair, Cost Effectiveness Working Group, 2011 – 2018
- Co-Chair, Measurement Subcommittee, 2013 – 2018

- Member, Early Stage Investigators Subcommittee, 2010 - 2018
- Member, Diet Working Group, 2013 - 2018
- Member, Physical Activity and Sedentary Activities Working Group, 2013 – 2018

Invited Reviewer

PLOS One, Obesity, International Journal of Obesity, BMC Research Notes, American Journal of Epidemiology