

Curriculum Vitae

Emily Welker Duffy, MPH, RD

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EDUCATION

2019-Pres	University of North Carolina Gillings School of Global Public Health <i>Doctoral Student, Department of Nutrition, Minor in Epidemiology</i> <i>Advisor: Lindsey Smith Taillie</i> <i>Caroline H. and Thomas S. Royster Fellow</i> <i>Carolina Population Center Population Science Predoctoral Trainee</i>	Chapel Hill, NC
2012-2014	University of North Carolina Gillings School of Global Public Health <i>Master of Public Health in Nutrition, Registered Dietitian</i> <i>Masters Paper: Children's Early Dietary Patterns and Cognitive Development: The Importance of Federal Food Programs</i>	Chapel Hill, NC
2008-2012	University of North Carolina at Chapel Hill <i>Bachelor of Arts in Biology, with Highest Distinction; Minors in Chemistry and Medical Anthropology</i> <i>Phi Beta Kappa</i>	Chapel Hill, NC

RELEVANT EXPERIENCE

2015- 2019	Healthy Eating Research, a national program of the Robert Wood Johnson Foundation <i>Senior Research Associate</i> (September 2017-May 2019) <i>Research Associate</i> (May 2016-September 2017) <i>Program Coordinator</i> (January 2015-May 2016)	Durham, NC
Fall 2014	The Food Research and Action Center <i>Child Nutrition Policy Intern</i>	Washington, D.C.
Summer 2014	Wake Forest Baptist Medical Center <i>Dietetic Intern</i>	Winston-Salem, NC
2012-2014	UNC Center for Health Promotion and Disease Prevention <i>Graduate Research Assistant</i>	Chapel Hill, NC
Summer 2012	Self-Help Credit Union <i>Healthy Food Lending Intern</i>	Durham, NC
Spring 2012	Farmer Foodshare <i>UNC Service-Learning Intern</i>	Chapel Hill, NC
2011-2012	UNC Gillings School of Global Public Health <i>Undergraduate Research Assistant</i>	Chapel Hill, NC

AWARDS, HONORS, and FELLOWSHIPS

2021	Nutrition & Obesity Policy Research & Evaluation Network Summer Research Stipend Recipient
2021	American Society for Nutrition Emerging Leaders in Nutrition Science Abstract Recognition Award
2021	Carolina Population Center Population Science Traineeship
2020	Carolina Population Center Population Science Traineeship

2019 Caroline H. and Thomas S. Royster Fellowship
2015 Delta Omega Academic Excellence Award
2011 UNC Chapel Hill Summer Undergraduate Research Fellowship
2009 Golden Key International Honor Society

MANUSCRIPTS PUBLISHED

14. Richter APC, **Duffy EW**, Taillie LS, Harris JL, Pomeranz JL, Hall MG. The impact of toddler milk claims on beliefs and misperceptions: A randomized experiment with parents for young children. *J Acad Nutr Diet*. 2021.
13. 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.
12. **Duffy EW**, Taillie LS, Richter AP, Higgins ICA, Harris JL, Hall MG. Toddler milk Perceptions and purchases: The role of Latino ethnicity. *Public Health Nutr*. 2021.
11. **Duffy EW**, Taillie LS, Richter AP, Higgins ICA, Harris JL, Hall MG. Understanding parents' perceptions of toddler milk: A pilot study with Latino parents. *Int J Environ Res Public Health*. 2021.
10. **Duffy EW**, Hall MG, Dillman Carpentier FR, Musicus AA, Meyer ML, Rimm EB, Taillie LS. Nutrition claims on fruit drinks are inconsistent indicators of nutritional profile: A content analysis of fruit drinks purchased by households with young children. *J Acad Nutr Diet*. 2020.
9. **Duffy EW**, Kay MC, Jacquier E, Catellier D, Hampton J, Anater AS, Story M. Trends in food consumption patterns of US infants and toddlers from feeding infants and toddlers studies (FITS) in 2002, 2008, 2016. *Nutrients*. 2019.
8. **Duffy EW**, Lott MM, Johnson EJ, Story MT. Developing a national research agenda to reduce consumption of sugar-sweetened beverages and increase safe water access and consumption among 0- to 5-year-olds. *Public Health Nutr*. 2019.
7. Story MT, **Duffy E**. Supporting healthy eating: Synergistic effects of nutrition education paired with policy, systems, and environmental changes. *Nestle Nutr Inst Workshop Ser*. 2019; 92: 69-82.
6. **Welker EB**, Lott MM, Sundermann JL, Bussel JB, Story MT. Integrating healthy eating into evidence-based home visiting models: a review of programs and opportunities for dietetic practice. *J Acad Nutr Diet*. 2018; 119(9):1423-1436.
5. Kay MC, **Welker EB**, Jacquier EF, Story MT. Beverage consumption patterns among infants and young children (0-47.9 months): Data from the Feeding Infants and Toddlers Study, 2016. *Nutrients*. 2018; 10(7): 825.
4. **Welker EB**, Jacquier EF, Catellier DJ, Anater AS, Story MT. Room for improvement remains in food consumption patterns of young children aged 2–4 years. *J Nutr*. 2018; 148(9S): 1536S-1546S.
3. Ward DS, **Welker EB**, Choate A, Henderson KE, Lott M, Tovar A, Wilson A, Sallis, JF. Strength of obesity prevention interventions in early care and education settings: A systematic review. *Prev Med*. 2017; 95 Suppl:S37-S52.
2. **Welker E**, Lott M, Story M. The school food environment and obesity prevention: progress over the last decade. *Curr Obes Rep*. 2016; 5(2):145-155.
1. Tandon PS, Tovar A, Jayasuriya AT, **Welker E**, Schober DJ, Copeland K, Dev DA, May-Murriel AL, Amso D, Ward DS. The relationship between physical activity and diet and young children's cognitive development: A systematic review. *Prev Med Rep*. 2016. 22(3): 379-390.

MANUSCRIPTS UNDER REVIEW

3. **Duffy EW**, Ng SW, Hall MG, Bercholz M, Rebolledo N, Musicus AA Taillie LS. (Under Review). Sociodemographic disparities in purchases of fruit drinks with policy relevant front-of-package nutrition claims. *J Acad Nutr Diet*.
2. Hall MG, Lazard AJ, Higgins ICA, Blistein J, **Duffy EW**, Sorscher S, Taillie LS. (Under Review). Nutrition-related claims lead parents to choose less healthy drinks for young children: A randomized trial in a virtual convenience store. *Am J Clin Nutr*.

1. Musicus AA, Hua SV, Moran AJ, **Duffy EW**, Hall MG, Roberto CA, Dillman Carpentier FR, Sorscher S, Wootan MG, Taillie LS, Rimm EB. (Under Review). Front-of-package claims & imagery on fruit-flavored drinks and exposure by household demographics. Public Health Nutrition.

MANUSCRIPTS UNDER DEVELOPMENT

1. **Duffy EW**, Lo AE, Hall MG, Taillie LS, Ng SW. Characteristics of Online Grocery Shoppers: Results from a Nationally Representative Cross Section. (Under Development, Anticipated Submission August 2021).

REPORTS

2. Lott M, Callahan E, **Duffy E**, Story M, Daniels S. Healthy beverage consumption in early childhood: recommendations from key national health and nutrition organizations: Technical scientific report. Durham, NC: Healthy Eating Research, 2019. Available at <https://healthyeatingresearch.org/research/technical-scientific-report-healthy-beverage-consumption-in-early-childhood-recommendations-from-key-national-health-and-nutrition-organizations/>.

1. Miller A, Dawson L, **Welker E**. Early life stress and childhood obesity risk. Durham, NC: Healthy Eating Research. 2017. Available at: <http://healthyeatingresearch.org/research/stress-in-early-life-and-childhood-obesity-risk/>.

PRESENTATIONS

17. **Duffy EW**, Lo AE, Hall MG, Taillie LS, Ng SW. Who's Grocery Shopping Online: Results from a Nationally Representative Cross Sectional Survey. Nutrition and Obesity Prevention and Research Evaluation Network Student Research Spotlight. August 2021.

16. **Duffy EW**, Ng SW, Hall MG, Bercholz M, Rebolledo N, Musicus AA, Taillie LS. Examining Sociodemographic Disparities in Household Purchases of Fruit Drinks with Policy-Relevant Nutrition Claims. Poster presented at the 2021 American Society for Nutrition conference, virtual due to COVID-19.

15. Lo A, **Duffy EW**, Hall MG, Taillie LS, Ng SW. Who's Grocery Shopping Online and Why: Cross-Sectional Analysis of a Nationally-Representative Sample Since the Pandemic. Paper presented at the 2021 American Society for Nutrition conference, virtual due to COVID-19.

14. Richter APC, **Duffy EW**, Taillie LS, Harris JL, Pomeranz JL, Hall MG (Under Review). The impact of toddler milk claims on beliefs and misperceptions: A randomized experiment with parents of young children. Paper presented at the ISBNPA XChange 2021, virtual due to COVID-19.

13. **Duffy EW**, Ng SW, Hall MG, Bercholz M, Rebolledo N, Musicus AA, Taillie LS. Examining Sociodemographic Disparities in Household Purchases of Fruit Drinks with Policy-Relevant Nutrition Claims. Nutrition and Obesity Prevention and Research Evaluation Network Early Childhood Working Group Student Research Spotlight. April 2021.

12. Richter AP, **Duffy EW**, Taillie LS, Harris JL, Pomeranz JL, Hall MG. The impact of toddler milk claims on beliefs and misperceptions: A randomized experiment with parents of young children. Nutrition and Obesity Prevention and Research Evaluation Network Early Childhood Working Group Student Research Spotlight. April 2021

11. **Duffy EW**, Hall MG, Dillman Carpentier FR, Lazard AJ, Higgins ICA, Blistein J, Musicus AA, Meyer ML, Sorscher S, Rimm EB, Taillie LS. Reducing Disparities in SSB Intake in Early Childhood: Examining the Impact of Claim on Fruit Drink Purchases. Invited presentation at The Rudd Center for Food Policy & Obesity, University of Connecticut. January 2021.

10. **Duffy EW**, Taillie LS, Richter AP, Higgins ICA, Harris JL, Hall MG. Exploring Toddler Milk Perceptions and Behaviors among Latino and Non-Latino Parents. Paper presented at the 2020 ObesityWeek Conference of The Obesity Society, virtual due to COVID-19.

9. **Duffy EW**, Hall MG, Dillman Carpentier FR, Musicus AA, Meyer ML, Rimm EB, Taillie LS. Examining nutrition-related claims on 'fruit' drinks. Poster presented at the 2020 ObesityWeek Conference of The Obesity Society, virtual due to COVID-19.

8. Musicus AA, Hua SV, Moran AJ, **Duffy EW**, Hall MG, Roberto CA, Dillman Carpentier FR, Sorscher S, Wootan MG, Taillie LS, Rimm EB. Assessing Household Exposure to Front-of-Package Beverage Marketing. Oral Presentation, 2020 ObesityWeek Conference of The Obesity Society, virtual due to COVID-19.
7. **Duffy EW**, Hall MG, Dillman Carpentier FR, Musicus AA, Meyer ML, Rimm EB, Taillie LS. Nutrition-related Claims on Fruit Drinks: A Content Analysis, Healthy Eating Research 14th Annual Grantee Meeting, Denver, CO. March 2020.
6. **Welker EB**. Rapid Response Research to Inform Voices for Healthy Kids, American Heart Association Voices for Healthy Kids Policy Research Summit, Durham, NC. December 2017.
5. **Welker EB**. Feeding Guidelines for Infants and Young Toddlers: A Responsive Parenting Approach, Biennial Childhood Obesity Conference, San Diego, CA. May 2017.
4. **Welker EB**. Healthy Eating Research: Healthy Food Retail and SNAP-Ed Resources, National Collaborative on Childhood Obesity Research Workshop, Washington, D.C. October 2016.
3. **Welker EB**. The Impact of the First 1,000 Days on Childhood Obesity, North Carolina WIC Program Annual Meeting, Raleigh, NC. September 2016.
2. **Welker EB**. Rapid Response Research to Inform Voices for Healthy Kids, American Heart Association Voices for Health Kids Policy Research Summit, Baltimore, MD. April 2016.
1. **Welker EB**. Children's Early Dietary Patterns and Cognitive Development: The Importance of Federal Food Programs, Early Care and Education Working Group, teleconference. March 2015.

TEACHING EXPERIENCE

Guest Lecturer

HBEH 752- Health Behavior Survey Methods, 32 students

"Coding Open-Ended Items: Parent Perceptions of Nutrition Claims on Toddler Milk", Spring 2021

University of North Carolina at Chapel Hill

Teaching Assistant

NUTR 813 - Nutritional Epidemiology, 40 students

University of North Carolina at Chapel Hill, Spring 2020

Discussion Leader

NUTR 240 - Introduction to Human Nutrition, 10 students

University of North Carolina at Chapel Hill, Fall 2019

MENTORSHIP

Amy Lo, BSPH Student in Nutrition Department at UNC Chapel Hill Gillings School of Global Public Health

Kirsten Arm, MPH, RD University of Minnesota, Masters Thesis Committee Member. "Understanding the Determinants of Sugar-Sweetened Beverage Consumption and Safe Water Access and Consumption and Identifying Successful Strategies to Improve Beverage Patterns in Early Childhood among High-Risk Groups: Interviews with Researchers and Leaders"

PROFESSIONAL SERVICE

2020-present *UNC Nutrition Anti-Racist Collective*, member

2020-present *Global Food Research Program Facing Our Racism Research Subgroup*, member

2017-present *Ad Hoc Reviewer for:* Appetite, Nutrients, Nutrition Reviews, Public Health Nutrition, Health Policy, Translational Behavioral Medicine, International Journal of Behavioral Nutrition and Physical Activity

2019-2020 *UNC Chapel Hill Nutrition Department Alumni Advancement Council*, member

2019-2020 *UNC Chapel Hill Food Justice Alliance*, Secretary

2018-2019 *American Public Health Association:* Governing Councilor, Food and Nutrition Section

2017-2018 *American Public Health Association:* Program Chair, Food and Nutrition Section

2017	<i>Food Research and Action Center Child and Adult Care Food Program Convening: Planning Committee Member</i>
2017	<i>American Public Health Association: Food and Nutrition Liaison, Food and Environment Working Group</i>
2016-present	<i>American Public Health Association: Abstract Reviewer, Food and Nutrition Section</i>
2016-present	<i>American Public Health Association: Program Planning Committee, Food and Nutrition Section</i>
2016-2018	<i>National Academies of Science, Engineering and Medicine Early Care and Education Innovation Collaborative: Member of CACFP, Family Child Care, and Parent Engagement Working Groups</i>
2016-2018	<i>Centers for Disease Control and Prevention Food Service Guidelines Collaborative: Co-Chair; Research and Evaluation Action Group</i>
2016-2018	<i>Healthy Duke: Co-Chair; Food and Nutrition Working Group</i>

SOCIETY MEMBERSHIPS

2021	American Society for Nutrition
2015-2020	American Public Health Association
2014-2018	Academy of Nutrition and Dietetics