

CURRICULUM VITAE

Beth N. Katz

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EDUCATION

- May 2016 Ph.D., Nutrition Intervention and Policy
University of North Carolina at Chapel Hill, Gillings School of
Global Public Health
Chapel Hill, North Carolina
- May 2009 Bachelor of Science (B.S.), Food Science and Human Nutrition
University of Hawai'i at Mānoa
Honolulu, Hawaii
Graduated with distinction

PROFESSIONAL EXPERIENCE

- 2016 – present Co-founder & Co-director, Food Insight Group (FIG), Chapel Hill,
NC & Berkeley, CA
- Applied food systems research organization approaching food as
a strategy toward social justice and healthy ecosystems.*
- Supporting anchor institutions, grocery retailers, and community-
based organizations in the design, implementation, and
evaluation of evidence-based approaches to systems-level
change.*
- Partnering with academic institutions, funders, and lenders to
develop community-based, real-world, applied research infused
with creativity and grounded in interdisciplinary collaborations.*
- Highlighting food system organizations' impact through program
and policy evaluation. Using mixed methods (qualitative and
quantitative) approaches to food system evaluation to tell the
story through numbers and lived experience.*
- 2018 – present Co-founder & Leadership Team Member, Upstream Works
Collaborative, Chapel Hill, NC & Berkeley, CA

- Collaborative nonprofit organization working to support thriving and equitable communities. Leadership team works with lawyers, accountants, and multiple stakeholders to create structure, policies, communications materials, and mission.*
- 2014 – 2020
 Instructor, Nursing 110: Nutrition, School of Nursing, Johns Hopkins University, Baltimore, MD
Instructor for introductory nutrition course. Responsible for student learning through an online platform (Blackboard). Responded to student emails, graded assignments, provided feedback, and submitted final grades.
- 2016 – 2017
 Postdoctoral Associate, Center for Advanced Hindsight, Social Science Research Institute, Duke University, Durham, NC
Designed, implemented, and evaluated research at the nexus of nutrition and behavioral economics. Explored food choice in schools, grocery stores, and home environments. Used multiple research platforms, including MTurk, custom-designed applications, and in-person intervention.
- 2012 – 2016
 Graduate Research Assistant, UNC – Chapel Hill, Center for Health Promotion & Disease Prevention, Chapel Hill, NC
Contributed to all aspects of a consumer research project aimed at increasing local, healthful food purchasing through grocery stores in North Carolina (NC Growing Together). Dissertation research was a unique subcomponent of NCGT, specifically focused on improving healthy food access and purchasing in low-SES and rural communities in North Carolina. Conducting qualitative and quantitative data collection and analyses. Presented findings at conferences and professional meetings.
- 2011 – 2013
 Contract Editor, American Journal Experts
Edited manuscripts written by international researchers prior to submission to peer-reviewed English language journals. Corrected grammar, sentence structure, word choice, and overall clarity to the professional skill level of a native English speaker trained in scientific writing and editing.
- 2010 – 2012
 Graduate Research Assistant, UNC – Chapel Hill, Carolina Population Center, Chapel Hill, NC

Designed, obtained funding for, and conducted a pilot project to gather formative data about multiple aspects of the food system on San Cristobal Island, Galapagos, Ecuador. Collected and analyzed qualitative and quantitative data from in-depth interviews with mothers of young children, farmers, food system workers, teachers, and healthcare workers on San Cristobal Island. Assisted with dietary data cleaning for the Malawi Mothers and Infants (MaMI) Study of HIV-positive mothers and their infants in Malawi. Conducted data analyses to determine the relationship between dietary diversity and growth outcomes for MaMI study infants after rapid early weaning.

2010

Consultant, University of Alberta School of Medicine, Edmonton, Alberta, Canada

Provided support for manuscript writing and data analysis to a research group at the Chronic Disease Research Centre, University of the West Indies, Barbados.

2009 – 2010

Research Assistant, UNC – Chapel Hill, Nutrition Research Institute, Kannapolis, NC

Conducted fieldwork as part of two international nutrition and physical activity intervention studies. Trained 10 research assistants to use NutriBase Clinical Nutrition Manager software and SAS statistical software. Trained 13 research assistants to conduct portion weight analyses. Trained 4 research assistants to collect recipes for analysis. Weighed Alaska Native, Inuit, Inuvialuit, and Barbadian foods to obtain portion weights for analysis. Developed food composition tables for Inuit, Inuvialuit, and Alaska Native populations. Conducted nutritional analyses of 24-hour dietary recalls and food frequency questionnaires using NutriBase Clinical Nutrition Manager software. Performed statistical analyses of anthropometric and physical activity data. Conducted statistical analyses on the associations between nutritional, lifestyle, and socio-demographic factors and chronic disease. Contributed first- and co-authored manuscripts to a supplemental edition of a peer-reviewed journal.

2007 – 2009

Research Assistant (Epidemiological Studies)
University of Hawaii, Cancer Research Center of Hawaii, Honolulu, HI

Assisted with facilitation of a cohort study determining the link between soy isoflavones and breast cancer risk. Administered 24-hour dietary recalls and processed biological samples. Conducted statistical analyses of association between dietary & lifestyle factors and diabetes in a large multiethnic cohort. Performed literature reviews on dietary patterns, breast cancer, and diabetes. Formatted and submitted manuscripts to peer-reviewed scientific journals. Authored (1) and co-authored (3) peer-reviewed scientific manuscripts.

2008 (June – July) Research Intern
German Institute for Human Nutrition, EPIC Study center,
Potsdam, Germany

Conducted a comparison study on dietary intake of diabetic cases from the Multiethnic Cohort and the European Prospective Investigation into Cancer and Nutrition (EPIC).

INTERNATIONAL RESEARCH EXPERIENCE

2011 (June – July) Data Collector, Galapagos Islands Pilot Study, Galapagos Islands, Ecuador

Conducted 46 in-depth interviews in Spanish with mothers of young children, farmers, food system workers, teachers, and healthcare workers residing in the Galapagos Islands. Established relationships in the community and recruited study participants. Collected anthropometric measurements from 20 mothers and one child (aged 2-5 yrs.) per mother. Collected food security assessments from 20 mothers.

2010 (July) Research Assistant, Barbados Salt Intervention Survey, Health of the Nation Study, Barbados

Trained 15 local research nurses in administration of a population-specific quantitative food frequency questionnaire. Administered certification interviews to determine competency of research nurses in dietary data collection. Assisted in finalization of population-specific quantitative food frequency questionnaire instrument. Trained two research nurses and two employees of the Chronic Disease Research Centre, University of the West Indies, to collect food pricing data. Conducted analysis of previously collected dietary data to determine primary sources of energy, fat, sugar, and sodium in the Barbados diet. Used

results of data analysis to design and produce four educational booklets on reducing energy, fat, sugar, and salt intake for national distribution. Photographed local foods for inclusion in educational booklets. Collected food portion weights.

2010 (Mar. – Apr.) Research Assistant, Barbados Salt Intervention Survey, Health of the Nation study, Barbados

Trained 2 local research nurses in collection of food pricing data and 24-hour dietary recalls. Recruited 27 randomly selected study participants. Collected three 24-hour dietary recalls per participant. Created database of collected recalls in Microsoft Excel. Entered collected recalls into NutriBase Clinical Nutrition Manager software. Analyzed collected recalls using NutriBase, Excel, and SAS statistical software to determine dietary adequacy and identify top food sources of sodium and other selected nutrients. Collected food portion weights, food pricing data, and data on the sodium content of locally consumed foods. Developed a sodium content database containing more than 100 locally available foods.

2009 (Oct. – Nov.) Data Collector, Healthy Foods North nutritional intervention, Inuit communities, Nunavut, Canada

Supervised 7 field staff and local translators. Administered four culturally specific data collection instruments (Quantitative Food Frequency Questionnaire, International Physical Activity Questionnaire, Adult Impact Questionnaire (socio-demographic), Intervention Exposure Assessment Survey). Collected food portion weights, local recipes and food pricing data. Conducted in-depth interviews with 7 community members and key informants.

TEACHING EXPERIENCE

Spring 2014 – 2020 Instructor, Nursing 110: Nutrition, School of Nursing, Johns Hopkins University

Introduces the science and fundamentals of human nutrition. Topics covered include nutritional requirements related to changing individual and family needs, food choices, health behaviors, food safety, prevention of chronic disease, and nutrition-related public health in the United States and globally.

Spring 2013, 2014,
2015, 2016 Teaching Assistant, NUTR 245: Sustainable Local Food Systems:
Intersection of Local Foods and Public Health, UNC Chapel Hill

Examines the intersection of local foods and public health with respect to nutrition, environmental, economic, and community issues. Students explore impacts of the increasingly industrialized and centralized food system, as well as potential solutions, while assisting community partners to increase opportunities for farmers, local food marketers, distributors, and entrepreneurs.

MENTORING

2012 – 2014 Megan Pera, BSPH Nutrition, UNC Chapel Hill

Supervised research experience using Galapagos project data. Facilitated successful grant application for analysis software funds. Mentored through poster presentation at University Research Day. Mentored through Honors Thesis process; achieved Highest Honors.

AWARDS + HONORS

Community Food Systems Mentorship Program coordinated by the Wallace Center at Winrock International (Mentored by Anupama Joshi, National Farm to School Network, Blue Sky Funders Forum)

2019

Induction into the Frank Porter Graham Graduate and Professional Student Honor Society	2015
National Science Foundation Graduate Research Fellowship (3 years)	2011-2015
Acceptance into Carolina Population Center Predoctoral Training Program	2011

VOLUNTEER EXPERIENCE

2017 – 2019 Durham Co-op Market, Durham, NC, Elected to Board of Directors and served as treasurer. Board Members represent the Co-op's owners, articulate the goals and values of the Co-op, and oversee the General Manager using a policy governance model.

2014 – 2015 Piedmont Biofarm, Pittsboro, NC, Assisted with sustainable vegetable farm tasks, including planting, harvesting, washing and sorting, preparing and transporting CSA shares, preparing produce for Durham Farmers' Market, and preparing produce for local chefs

- 2014 – 2015 Fatty Owl Farm, Pittsboro, NC, Assisted with meat rabbit farm maintenance, animal care, and processing for meat production
- 2013 Carrboro Wild Food + Herb Market, Carrboro, NC, Served as Special Events Coordinator to schedule guest speakers at monthly markets
- 2011 TABLE, Carrboro, NC, Assisted with Weekend Backpack Project; prepared food boxes for local children at risk for hunger
- 2008 – 2009 Nutrition Research Institute, Kannapolis, NC, Volunteer for Dr. Sangita Sharma; resulted in a first-author publication
- 2008 – 2009 Hawaii Food Bank, Honolulu, HI, General volunteer; organized a community food drive
- 2008 Beach Environmental Awareness Campaign Hawaii, Honolulu, HI, Served on the Board of Directors as treasurer; volunteered at community events

CONFERENCES

- 2018 (Jun 1-2) Consumer Cooperative Management Association (CCMA) Conference, Portland, OR
Oral presentation on “Building a Broader Base” for cooperative grocery retailers
- 2017 (Aug 28-29) National Council of State Agricultural Finance Programs (NCOSAFP) – Annual Conference, Arlington, VA
Panel discussion on Farm to Institution work in North Carolina and nationally
- 2016 (Oct 17) National Collaborative on Childhood Obesity Research (NCCOR), Washington D.C.
- 2015 (Jun 3-6) International Society for Behavioral Nutrition and Physical Activity, Edinburgh, Scotland
Oral presentation on “Promoting local foods in rural retail food outlets to improve dietary quality”

- 2014 (Nov 15-19) American Public Health Association Annual Meeting, New Orleans, LA
 Oral presentation on NC Growing Together collaborative research project to increase demand for locally produced food in a mainstream grocery chain in North Carolina
- 2014 (Nov 10-12) Carolina Farm Stewardship Association, Greenville, SC
 Oral presentation on the NC LOCAL Food Project, a component of the NC Growing Together project focusing on local food access in lower-SES and rural communities in North Carolina
- 2014 (Jun 18-22) Association for the Study of Food and Society (ASFS) & Agriculture, Food and Human Values Society (AFHVS) Conference, Burlington, VT
 Oral presentation on NC Growing Together collaborative research project to increase demand for locally produced food in a mainstream grocery chain in North Carolina
- 2011 (Apr 9-13) Experimental Biology, Washington, D.C.
 Poster presentation on dietary diversity and growth faltering among HIV-negative infants receiving lipid-based nutritional supplementation after rapid early weaning in Malawi
- 2011 (Apr 8) LNS Research Network Meeting, Washington, D.C.
 Oral presentation on dietary diversity and growth faltering among HIV-negative infants receiving lipid-based nutritional supplementation after rapid early weaning in Malawi

PROFESSIONAL MEMBERSHIPS

International Society for Behavioral Nutrition & Physical Activity	2015 – 2016
American Society for Nutrition	2010 – 2011, 2013 – 2014
American Public Health Association	2014 – 2015
Agriculture, Food, and Human Values Society	2014 – 2015

Peer-Reviewed Manuscripts

1. Maskarinec G, Pagano I, Faanunu A, Hopping B, Hernandez B. The Completeness of Vital Status Information for Cancer Cases Varies by Ethnicity in the Hawaii Tumor Registry. *Journal of Registry Management*. 2007;34(4):140-147.
2. Maskarinec G, Erber E, Grandinetti A, Verheus M, Oum R, Hopping BN, Schmidt MM, Uchida A, Juarez DT, Hodges K, Kolonel LN. Diabetes incidence based on linkages with health plans: the multiethnic cohort. *Diabetes*. 2009;58(8):1732-1738.
3. Hopping BN, Erber E, Grandinetti A, Verheus M, Kolonel LN, Maskarinec G. Dietary fiber, magnesium, and glycemic load alter risk of type 2 diabetes in a multiethnic cohort in Hawaii. *J Nutr*. 2010;140(1):68-74.
4. Erber E, Hopping BN, Grandinetti A, Park SY, Kolonel LN, Maskarinec G. Dietary patterns and risk for diabetes: the multiethnic cohort. *Diabetes Care*. 2010;33(3):532-538.
5. Hopping BN, Mead E, Erber E, Sheehy T, Roache C, Sharma S. Dietary adequacy of Inuit in the Canadian Arctic. *J Hum Nutr Diet*. 2010; 23(s1):27-34.
6. Erber E, Hopping BN, Beck L, Sheehy T, De Roose E, Sharma S. Assessment of dietary adequacy in a remote Inuvialuit population. *J Hum Nutr Diet*. 2010; 23(s1):35-42.
7. Hopping BN, Erber E, Mead E, Sheehy T, Roache C, Sharma S. Socioeconomic indicators and frequency of traditional food, junk food, and fruit and vegetable consumption amongst Inuit adults in the Canadian Arctic. *J Hum Nutr Diet*. 2010; 23(s1):51-58.
8. Erber E, Beck L, Hopping BN, Sheehy T, De Roose E, Sharma S. Food patterns and socioeconomic indicators of food consumption amongst Inuvialuit in the Canadian Arctic. *J Hum Nutr Diet*. 2010; 23(s1):59-66.
9. Hopping BN, Erber E, Mead E, Roache C, Sharma S. High levels of physical activity and obesity co-exist amongst Inuit adults in Arctic Canada. *J Hum Nutr Diet*. 2010; 23(s1):110-114.
10. Hopping BN, Erber E, Beck L, De Roose E, Sharma S. Inuvialuit adults in the Canadian Arctic have a high body mass index and self-reported physical activity. *J Hum Nutr Diet*. 2010; 23(s1):115-119.
11. Hopping BN. Inconsistent dietary assessment tools may bias results in assessing the relations between specific foods and coronary heart disease risk in the EPICOR Study. *Am J Clin Nutr*. 2011; 94(1):287.
12. Sharma S, Hopping BN, Roache C, Sheehy T. Nutrient intakes, major food sources and dietary inadequacies of Inuit adults living in three remote communities in Nunavut, Canada. *J Hum Nutr Diet*. 2013; 26(6):578-586.
13. Jilcott Pitts SB, Wu Q, Sharpe PA, Rafferty AP, Elbel B, Ammerman AS, Payne CR,

Hopping BN, McGuirt JT, Wall-Bassett ED. Preferred Healthy Food Nudges, Food Store Environments, and Customer Dietary Practices in 2 Low-Income Southern Communities. *J Nutr Educ Behav.* 2016; 48(10):735-742.e1.

14. Pera MF, Katz BNH, Bentley ME. Dietary Diversity, Food Security, and Body Image among Women and Children on San Cristobal Island, Galapagos. *Matern Child Health J.* 2019; 23, 830–838.
15. Katz BN, Soldavini J, Grover K, Pitts SJ, Martin SL, Thayer L, Ammerman AS, Lane HG. "Let's Use This Mess to Our Advantage": Calls to Action to Optimize School Nutrition Programs beyond the Pandemic. *Int J Environ Res Public Health.* 2022; 19(13), 7650.

PROFESSIONAL DEVELOPMENT

Anti-racism Trainings & Workshops

Racial Equity Workshop Phase I, The Racial Equity Institute
Racial Equity Workshop Phase II, The Racial Equity Institute
Groundwater Presentation, The Racial Equity Institute

Career Development & Training Courses

USDA workshop on conducting analyses using U.S. Nutrient Database for Standard Reference 22, January 2010.
"Managing Interactions with Your Employees." Sponsored by UNC-Chapel Hill, Office of Human Resources, Training & Development Department, February 2010.
Permaculture Design Certificate, Aprovecho, Cottage Grove, OR, September – October 2011
Soil Science course through the Sustainable Agriculture certificate program at Central Carolina Community College, Pittsboro, NC, August-December 2013
Nutrition Data System for Research (NDSR) training by the UNC Nutrition Obesity Research Centers (NORC) Diet, Physical Activity and Body Composition Core, Chapel Hill, NC, 20-21 September, 2013
An Introduction to the U.S. Food System: Perspectives from Public Health, Johns Hopkins University, Center for a Livable Future, Coursera MOOC course, Certificate of completion, completed March 2013

Computer Knowledge

Data Collection Programs: *Qualtrics, MTurk*
Quantitative Data Analysis Programs: *Stata*
Qualitative Data Analysis Programs: *Dedoose*
Dietary Data Analysis Programs: *Nutrition Data System for Research (NDSR), NutriBase Clinical Nutrition Manager*
Microsoft Office including *Word, Excel, PowerPoint, and Access*