

## Danielle M. Kroboth, Ph.D.

### Curriculum Vitae

Title: Assistant Professor, Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina

Office Address: 915 Greene Street, Discovery Building 416, Columbia, SC 29208

Email: dkroboth@mailbox.sc.edu

### **EDUCATION**

#### Undergraduate

2016 B.A. **University of Massachusetts Boston:** College of Liberal Arts, Social Psychology

#### Graduate

2018 M.S. **Tufts University:** Friedman School of Nutrition Science and Policy, Food Policy and Applied Nutrition

2022 Ph.D. **Tufts University:** Friedman School of Nutrition Science and Policy, Food and Nutrition Policy and Programs

### **ACADEMIC APPOINTMENTS**

8/16/2024 – Present Tenure-track Assistant Professor, Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina, Columbia, SC

08/16/2024 – Present Adjunct Assistant Professor; Division of Nutrition Interventions, Communications, and Behavior Change; Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA

9/1/23-8/15/2024 Postdoctoral Research Fellow, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA

9/1/22-8/31/23 Obesity Equity Postdoctoral Research Fellow, Friedman School of Nutrition Science and Policy and Eliot-Pearson Department for Child Study and Human Development (*dual appointment*), Tufts University, Boston, MA

### **ADDITIONAL TRAINING**

2023 **Strengthening Causal Inference in Behavioral Obesity Research Short Course.**  
Indiana University School of Public Health-Bloomington, Bloomington, IN

2020 **Conducting On-line Interviews and Focus Groups.**  
Boston Nutrition Obesity Research Center, Boston University, Boston, MA

2020 **Community-based System Dynamics/Group Model Building Design Lab.**  
ChildObesity180, Tufts University, Boston, MA

2019 **Bridging Differences Facilitator Dialogue Training.**  
Essential Partners, Cambridge, MA

**PROFESSIONAL DEVELOPMENT**

08/17/24-	Propel Research Mentorship Program (NIH-track)	University of South Carolina	Selected faculty receive 9-months of intensive mentorship, education, and editing support to plan, draft, finalize and submit a federal grant proposal.
6/10/24-6/11/24	SHARP Principal Investigator Crash Course	Columbia University, Mailman School of Public Health	Training and skill building around negotiation and staffing, mentoring, networking, and project management for new lab leaders.
2023-2024	Early-Stage Investigator Work Group	Robert Wood Johnson Foundation, Health Eating Research Program	Collaborative training for competitive early career scientists in nutrition equity, diet quality, and healthy weight.

**HONORS AND AWARDS**

2024-26	National Institute of Health Loan Repayment Program (\$75,591.96)
2024	Friedman School Inclusive Excellence Award, Tufts University
2018-22	Lawrence S. Bacow Doctoral Scholarship, Tufts University
2017	Emerging Leaders in Nutrition Science Poster Competition (finalist), American Society for Nutrition 2019 meeting, Baltimore, MD
2019	Scholarly Travel Award, Tufts University (\$500)
2016	Graduated <i>summa cum laude</i> , University of Massachusetts Boston
2015-16	Dean’s List (all semesters), University of Massachusetts Boston
2009-10	Dean’s List (all semesters), Bristol Community College

**ACADEMIC COMMITTEE ASSIGNMENTS**

**Friedman School**

2023-24	Appointed Member	Faculty Search, Nutrition Equity
---------	------------------	----------------------------------

2020-21	Chair	Expanding Focus on Structural Racism, Diversity, and Inclusion in Research, ChildObesity180, Tufts University
---------	-------	---

**Tufts University**

2023-24	Appointed Member	Faculty Search, Climate Change
2023	Chair	Health Equity and Food Security Symposium Planning Committee
2018-22	Appointed Member	Joint Council on Equity, Diversity, and Inclusion at Tufts University Health Sciences Schools

**NATIONAL AND INTERNATIONAL ADVISORY GROUP/PANEL APPOINTMENTS**

2024	Invited Member	USDA-NIFA Competitive Grants Review Panel
2024-	Member	Program Committee for the American Psychosomatic Society/Society of Behavioral Medicine Annual Scientific Meeting.
2023-24	Invited Member	Research Steering Group. Robust approaches for the analysis of agreement between clinical measurements: development of guidance and software tools for researchers. The University of Edinburgh, Scotland, UK.

**TRAINING AND MENTORSHIP OF STUDENTS**

*\*Indicates that I was the individual's primary research supervisor*

**Graduate Students**

2024-	*RA, MS (Ph.D. Student), Epidemiology, Arnold School of Public Health, University of South Carolina
2024-	*JC: RD, MS (Ph.D. Candidate), Nutrition Epidemiology and Data Science, Friedman School, Tufts University
2022-23	*CG, MA, (Ph.D. Candidate), Elliot-Pearson Department of Child Study and Human Development, Tufts University

**Undergraduate Students**

2024-	*HM: Community Health and Political Science, School of Arts and Sciences, Tufts University
2024-	*BH: Community Health and Political Science, School of Arts and Sciences, Tufts University
2021	*ST: Communication Disorders and Public Health Sciences, University of Massachusetts Amherst

**TEACHING RESPONSIBILITIES**

Fall 2024	Instructor of Record	Scientific Writing and Appraisal of Epidemiologic Studies (EPID 722), Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina
Spring 2023	Co-Instructor	Survey Research Methods, Friedman School of Nutrition Science and Policy, Tufts University
Spring 2021 Spring 2022	Teaching Assistant	Doctoral Research Seminar, Friedman School of Nutrition Science and Policy, Tufts University
Spring 2019 Spring 2018	Teaching Assistant	Survey Research Methods, Friedman School of Nutrition Science and Policy, Tufts University
Fall 2019	Teaching Assistant	Statistical Methods I, Friedman School of Nutrition Science and Policy, Tufts University
Summer 2018	Teaching Assistant	Global Food and Nutrition Policy, Friedman School of Nutrition Science and Policy, Tufts University
Summer 2017	Teaching Assistant	Systematic Reviews and Meta-analyses, Department of Public Health and Community Medicine, Tufts University School of Medicine

## **PROFESSIONAL SOCIETIES**

### **Current**

Member American Psychosomatic Society  
 Member American Society of Nutrition  
 Member American Public Health Association

### **Past**

Member Society for Research in Child Development

## **RESEARCH SUPPORT**

### ***Current Research Support***

*Building Capacity in Nutrition and Health Equity: Linking Multidimensional Discrimination Exposure with Type 2 Diabetes Disparities in Youth*

Funding Agency: P30DK092950 NIH/NIDDK Washington University Center for Diabetes

Translation Research

Award Period: 3/24/24-4/24/25

**Role: Principal Investigator**

**Total Award: \$50,000**

*Assessing Racial and Ethnic Coverage Rates at the Zip-code Level for the WIC Program*

Funding Agency: Robert Wood Johnson Foundation, Healthy Eating Research

Award Period: 11/17/23-5/17/25

**Role: Principal Investigator (Co-PI: Mei Chung)**

**Total Award: \$156,802**

### ***Completed Research Support***

*Examining the Interconnections between Neighborhood-level Discrimination and Mental Health on Childhood Obesity Disparities*

Funding Agency: Tufts University Office of the Provost

Award Period: 2/1/23-8/15/24

**Role: Principal Investigator**

**Total Award: \$15,000**

*A multilevel community engaged intervention to build a sustainable and equitable food economy with food is medicine offering in the Mississippi Delta to improve minority health and reduce disparities*

Funding Agency: 1R01MD018208-01 NIH/NIMHD

Award Period: 9/23/22-5/31/27

**Role: Postdoctoral Research Fellow** (PI: Christina D. Economos, **Total Award: \$6,900,000**  
Co-PI: Julian Miller)

*Acculturation and Obesity Risk in Latino Children in the US: An Updated Systematic Review*

Funding Agency: Robert Wood Johnson Foundation, Healthy Eating Research

Award Period: 12/1/23-6/1/24

**Role: Co-Investigator** (PI: Sophie Ravanbakht) **Total Award: \$7,500**

*Using Student Dialogue to Develop a Syllabus on Obesity, Equity, and BMI*

Funding Agency: Mozaffarian Family Grant for Diversity, Equity, and Inclusion

Award Period: 2/1/23-8/1/23

**Role: Co-Investigator** (PI: Salima Taylor) **Total Award: \$1,000**

*Changing the Culture of Health: Creating and testing an evidence-based wellness program for diverse Head Start centers using an integrated research and education approach*

Funding Agency: USDA NIFA

Award Period: 1/1/22 – 12/31/24

**Role: Predoctoral Research Fellow** **Total Award: \$969,999**  
(PI: Christina D. Economos)

*Assessing the Impact of Neighborhood and Interpersonal Discrimination on Childhood Obesity*

Funding Agency: Tufts Institute for Global Obesity Research, Tufts University Office of the Provost

Award Period: 1/31/22-8/31/22

**Role: Co-Investigator** (PI: Adolfo Cuevas) **Total Award: \$10,608**

## **EDITORIAL ACTIVITIES**

### **Editorial Board:**

2024-2025, Member of Early Career Editorial Board for Psychosomatic Medicine

### **Grant Reviewer:**

Springboard, Office of the Vice Provost for Research, Tufts University

### **Ad Hoc Journal Reviewer:**

American Journal of Preventative Medicine

Health Psychology

Journal of Public Health Policy

Journal of Racial and Ethnic Health Disparities

### **Abstract Reviewer:**

Society for Research in Child Development (Race, Ethnicity, Culture, and Context Section)

## PUBLICATIONS

### ORIGINAL RESEARCH (REFEREED JOURNALS)

Underlined indicates student authors; \* indicates corresponding author.

1. **Krobath DM\***, Lawrence JA, Chrisinger BW, Cuevas AG. Safeguarding SNAP as an Effective Anti-Hunger Program: Myths and Potential Harms of Adding Diet Quality as a Core Objective. *American Journal of Public Health*. In Press. <https://doi.org/10.2105/AJPH.2024.307863>
2. Taylor SF, **Krobath DM**, Cuevas AG, Hennessy E, Roberts SB. Breaking Academic Silos: Pedagogical Recommendations for Equitable Obesity Prevention Training and Research During an Age of Nutrition Polarization, *American Journal of Preventative Medicine Focus*. 2024 March 1. <https://doi.org/10.1016/j.focus.2024.100217>.
3. Cuevas AG, Williams D, **Krobath DM**, F Kaba-Diakité, Allen J. The cost of doubt: assessing the association between ambiguous discrimination and mental health. *BMC Public Health*. 9 January 2024. <https://doi.org/10.1186/s12889-024-17664-1>.
4. **Krobath DM\***, Cuevas AG, Chung M, Economos CD, Allen J, Mistry J. The Influence of Contested Racial Identity and Interpersonal Discrimination Exposure on Adult Body Mass Index. *Journal of Racial and Ethnic Health Disparities*. 2023 September 5. <https://doi.org/10.1007/s40615-023-01774-4>.
5. Cuevas AG, **Krobath DM**, Rhodes-Bratton B, Omolade JJ, Perry A, Slopen N. Association of Racial Discrimination and Body Mass Index in Children and Adolescents. *JAMA Network Open*. 2023 July 11. [doi.org/10.1001/jamanetworkopen.2023.22839](https://doi.org/10.1001/jamanetworkopen.2023.22839).
6. **Krobath DM\***, Naumova EN, Cuevas AG, Scheck JM, Wilson NW, Economos CD. Use of Bland Altman Analysis to Examine the Racial and Ethnic Representativeness of Study Populations in Community-based Pediatric Health Research. *JAMA Network Open*. 2023 May 11. <https://doi.org/10.1001/jamanetworkopen.2023.12920>.
7. Beauchesne AR, Cara KC, **Krobath DM**, Penkert LP, Shertukde SP, Cahoon DS, Prado B, Li R, Yao Q, Huang J, Reh T, Chung M. Vitamin D intakes and health outcomes in infants and preschool children: Summary of an evidence report. *Annals of Medicine*. 2022 December 01. <https://doi.org/10.1080/07853890.2022.2111602>.
8. **Krobath DM\***, Masters WA, Mueller MP. Association Between Restaurant Menu Item Descriptions and their Nutrient Content. *American Journal of Preventative Medicine*. 2021 Feb 01. <https://doi.org/10.1016/j.amepre.2020.08.027>.

### ***Under Review***

1. Robinson VN, **Krobath DM**, Dixit-Joshi S, Hawkins C, Miller J, Schultz D, Economos, CD. Shaping Food is Medicine Initiatives in the Rural South by Amplifying the Lived Expertise and Perspectives of Mississippi Delta Residents within the Historical Legacy of Racism. (*American Journal of Public Health*: Revise and Resubmit, September 2024.)
2. **Krobath DM\***, Wilson NW, Cuevas AG, Naumova EN, Scheck JM, Tyler S, Economos CD. Assessing the Role of Federal U.S. Race and Ethnicity Data Standards on Non-

random Data Missingness and Implications for Child Health and Disease Prevention. (*JMIR Public Health and Surveillance*: Under peer-review, September 2024.)

3. Moore TR, **Krobath DM**, Chang Chusan YA, Sanga U, Webb P, Pachucki MA, Cuevas AG, Roland HB, Grant B, Economos CE, Nicholson V, Kumanyika SK. Toward Health Equity: Harnessing Systems Science Methods to Understand and Address Food Systems as Systems of Discrimination. (*Nature Food*: Under peer-review, August 2024.)

### **BOOK CHAPTERS AND INVITED REVIEWS**

1. Cuevas AG, Chen R, **Krobath DM**, Smith PJ, Stanton MV, Surachman A, Wang H. *American Psychological Association Handbook of Adult Development and Aging*; Chapter 31: Racial/Ethnic Health Inequities in Middle-Aged and Older Adulthood (2024)
2. **Krobath DM\***, Taylor SF. Book Review: Engaging black and minority ethnic groups in health research: 'hard to reach? Demystifying the misconceptions: Natalie Darko, United Kingdom: Policy Press, 2021, ISBN/EAN 1447359127/9781447359128. *Journal of Public Health Policy*. 2021 November 9. <https://doi.org/10.1057/s41271-021-00311-z>.

### **PROFESSIONAL CONFERENCE PRESENTATIONS (REFEREED)**

1. Rhodes-Bratton B, **Krobath DM**. Moving Beyond Oversimplified Racial Categories: A Critical Examination of Race as a Proxy for Health. NMRI, 2024. Poster.
2. **Krobath DM**, Cuevas AG. Gender Differences in the Relationship between Neighborhood Environments and Youth Mental Health Risk; Symposium titled "Understanding The Social Determinants Of Mental And Physical Health: From Structural Inequalities To Discrimination." The American Psychosomatic Society, Brighton, UK, March 20, 2024. Oral.
3. **Krobath DM**, Slopen N, Cuevas AG. Neighborhood Quality is Associated with Elevated Blood Pressure in Adolescents; Symposium titled "Mechanisms Linking Adversity to Health across the Life Course." The American Psychosomatic Society, San Juan, Puerto Rico, March 2023. Oral.
4. Cuevas AG, **Krobath DM**. The Association Between Interpersonal Discrimination And Blood Pressure In Adolescents; Symposium titled "Mechanisms Linking Adversity to Health across the Life Course." The American Psychosomatic Society, San Juan, Puerto Rico, March 2023. Oral.
5. **Krobath DM**, Economos CD, Slopen N, Cuevas AG. Neighborhood Quality is Associated with Dietary Pattern and Body Mass Index among Children. The American Society for Nutrition, Boston, Massachusetts, July 22-25, 2023. Poster.
6. **Krobath DM**, Masters WA, Mueller MP. Menu descriptions and nutrient content of food items in U.S. restaurants. American Society for Nutrition, Baltimore, Maryland, June 6-11, 2019. Flash Talk and Poster.
7. **Krobath DM**, Economos CD, Masters WA, Wilson NW, Mueller MP. Health Halos in Restaurants: Prices, Attributes, and Nutrition-Related Claims on Menu Items. Tufts

University Future of Food and Nutrition Conference, Boston, Massachusetts, April 7, 2017. Poster.

8. **Krobath DM**, Heberle A. Degree of Economic Disadvantage Among Low-Income Children Affects Academic Self-Efficacy Beliefs and Math Skills. Undergraduate Research Conference. The University of Massachusetts, Amherst. April 22, 2016. Oral.

### **INVITED LECTURES**

*Demystifying the “Hidden Curriculum” and Navigating the Academic Job Market in the U.S.* February 2024. Invited lecture in Doctoral Research Seminar, Friedman School, Tufts University.

*Associations between Contested Racial/Ethnic Identity and Interpersonal Discrimination Exposure on Adult Obesity Risk.* November 2022. Friedman School Speaker Series, Tufts University.

*Adapting a Novel Analytical Approach to Assess the Representativeness of Obesity Interventions and Studies.* December 2022. Tufts Institute for Global Obesity Research Symposium, Tufts University.

*Operationalizing the Complex Social Constructs of Race and Ethnicity to Track Health Equity in Research.* Invited talk in Survey Research Methods graduate course, Friedman School, Tufts University.

*Children’s Perceptions of Poverty and Inequality and Youth Self-Efficacy Beliefs.* Invited talk in Introductory Psychology undergraduate course, University of Massachusetts, Boston.