

Larissa Calancie, PhD
Friedman School of Nutrition Science and Policy
Tufts University
75 Kneeland, 8th Floor, Boston, MA 02111
larissa.calancie@tufts.edu
<https://nutrition.tufts.edu/profile/faculty/larissa-calancie>

EDUCATION

- 2016 – 2019 **Postdoctoral Research Fellow**, Center for Health Equity Research (CHER), Department of Social Medicine, University of North Carolina School of Medicine
Maternal and Child Health (MCH) Workforce Development Center, Gillings School of Global Public Health, UNC
- 2011 – 2016 **PhD, Nutrition - Intervention and Policy Division**
University of North Carolina at Chapel Hill, NC
Dissertation – *Evaluating Food Policy Councils: Identifying and Measuring Perceptions of Organizational Capacity & Impact*
Dissertation advisor: Alice Ammerman, DrPH
- 2005 – 2009 **Bachelor of Science, Nutritional Sciences**
Cornell University, Ithaca, NY
- Bachelor of Science, Biology and Sociology**, transferred to Cornell in 2007
Queens University, Kingston, ON, Canada

PROFESSIONAL RESEARCH EXPERIENCE

- 2023 – **Assistant Professor**, Division of Nutrition, Interventions, Communications, and Behavior Change, Friedman School of Nutrition Science and Policy, Tufts University
Principal Investigator – Disrupting Intergenerational Obesity
- 2019 – 2023 **Research Assistant Professor**, ChildObesity180, Division of Nutrition, Interventions, Communications, and Behavior Change, Friedman School of Nutrition Science and Policy, Tufts University
Principal Investigator – Disrupting Intergenerational Obesity
Principal Investigator – Kansas Food Policy Council Evaluation
Co-Investigator – Catalyzing Communities
Co-Investigator – Healthy Harlem Replication
- 2011 – 2016 **Graduate Research Assistant**, Center for Health Promotion and Disease Prevention, Gillings School of Global Public Health, UNC Chapel Hill
Research assistant – Heart Healthy Lenoir Study
Project director – FAV5 Project to Strengthen School Meals
Research assistant – Home Base Project to Increase Use of Local Food in School Meals
Research assistant – Public Health Practitioner Capacity-building
Research assistant – UNC Center for Diabetes Translation Research
Project director – Nutrition and Obesity Policy Research and Evaluation (NOPREN)
Research assistant – Center for Training and Research Translation (Center TRT)
- 2009 – 2010 **Laboratory Technician**, Environmental Health Sciences, Mailman School of Public Health
Columbia University, NY, PI – Mary Gamble, PhD

PUBLICATIONS & PRESENTATIONS

PEER-REVIEWED PUBLICATIONS:

1. Atoloye, A., Misiaszek, C., Harding, J., Schouboe, S., Cooksey-Stowers, K., Palmer, A., Bassarab, K., **Calancie, L.** (2023). A Scoping Review of Food System Indicators, Development of a Food Systems Indicators Database, and Opportunities for Further Investigation. *Journal of Agriculture, Food Systems, and Community Development*, *In press*.
2. Saylor, K.W., Klein, W.M.P., **Calancie, L.**, Lewis, K., Biesecker, L.G., Turbitt, E., Roberts, M.C. (2023). Genetic Testing and Other Healthcare Use by Black and White Participants in a Genomic Sequencing Study. *Public Health Genomics*, *26(1)*, pp.90-102.
3. **Calancie, L.**, Fair, M., Wills, S., Werner, K., Appel, J., Moore, T.R., Hennessy, E., Economos, C.D. (2023). Implementing a Stakeholder-driven Community Diffusion-informed Intervention to Create Healthier, More Equitable Systems: A Community Case Study in Greenville County, South Carolina. *Frontiers in Public Health*, *11*, p.1034611.
4. Economos, C.D., **Calancie, L.**, Allender, S., Appel, J., Bakun, P., Hennessy, E., Kasman, M., Korn, A., Pachucki, M., Swinburn, B., Tovar, A., Hammond, R. (2023). Community Coalition Efforts to Prevent Childhood Obesity: Two-year Results of the Shape Up Under 5 study. *BMC Public Health*, *23(1)*, pp.1-10.
5. **Calancie, L.**, Nappi, D., Appel, J., Hennessy, E., Korn, A., Patrick, A., Mitchel, J., Werner, K., Economos, C.D. (2022). Implementing and Evaluating a Coalition-Led, Stakeholder-driven Community Diffusion (SDCD)-Informed Early Childhood Obesity Prevention Intervention. *Preventing Chronic Disease*, *19*, E03.
6. Wilson, N.L., **Calancie, L.**, Adkins, J., Folta, S.C. (2022). Understanding Micro-Pantries as an Emergency Food Source during COVID-19. *Journal of Nutrition Education and Behavior*, *54(4)*, 299-310.
7. Pronk, N.P., Eneli, I., Economos, C.D., Dietz, W.H., Bradley, D., Fassbender, J., **Calancie, L.**, Patawaran, W., Hovmand, P.S. (2022) Using Systems Science for Strategic Planning of Obesity Prevention and Treatment: The Roundtable on Obesity Solutions Experience. *Current Problems in Cardiology*, 101240.
8. **Calancie, L.**, Frerichs, L., Davis, M., Sullivan, E., White, A.M., Cilenti, D., Corbie-Smith, G., Lich, K. (2021). Consolidated Framework for Collaboration Research and a Dynamic Hypothesis of Collaboration Constructs Derived from a Systematic Review of Theories, Models, Frameworks and Principles for Cross-sector Collaboration. *PLOS One*, *16(1)*, 1-25.
9. Moore, T., Pachucki, M., Korn, A., **Calancie, L.**, Hennessey, E., Economos, E. (2021). Coalitions as Network Interventions: Baseline Network Composition in Context of An Obesity Prevention Intervention. *Systems*, *9(66)*, 1-20.
10. Lange, S., **Calancie, L.**, Onufrak, S., Reddy, K., Warnock, A., Palmer, A. (2021). Association Between Municipal Food Policy Council Prevalence and Policies that Support Healthy Eating. *Nutrients*, *13(2)*, 683-692.
11. **Calancie, L.**, Fullerton, K., Appel, J., Korn, A., Hennessey, E., Hovmand, P., Economos, C. (2020). Group Model Building Process and Changes in Perspective among the Shape Up Under 5 Community Committee

Working to Prevent Early Childhood Obesity in Somerville, MA. *Journal of Public Health Management and Practice*, 4(8), e0220169.

12. Frerichs, L., Bess, K., Young, T., Hoover, S., **Calancie, L.**, Wynn, M., McFarlin, S., Cene, C., Dave, G., Corbie-Smith, G. (2020). A Cluster Randomized Trial of a Community-based Lifestyle Behavior Change Intervention Among Rural African American Adults: Effects on Dietary and Physical Activity Self-efficacy, Social Support, and Behaviors. *Prevention Science*, 21(3), 344-354.
13. Frerichs, L., Araz, O., **Calancie, L.**, Huang, T.K., Lich, K. (2019). Dynamic Empirically-based Model for Understanding Future Trends in US Obesity Prevalence in the Context of Social Influences. *Obesity*, 27(10):1671-1681.
14. **Calancie, L.**, Margolis, L., Chall, S., Mullenix, A., Chaudhry, A., Lich, K. (2019). System Support Mapping: A Novel Systems Thinking Method Applied to Assess the Needs of the Maternal and Child Health Title V Workforce. *Journal of Public Health Management & Practice*, 26(4), E42-E53.
15. **Calancie, L.**, Soldavini, J., Dawson-McClure, S. (2018). Partnering to Strengthen School Meals Programs in a Southeastern School District. *Progress in Community Health Partnerships*, 12(3), 289-296.
16. **Calancie, L.**, Cooksey Stowers, K., Palmer, A., Calhoun, H., Frost, N., Piner, A., Webb, K. (2018). Towards a Community Impact Assessment for Food Policy Councils: Identifying Potential Impact Domains. *Journal of Agriculture, Food Systems, and Community Development*, 8(3), 1-14.
17. **Calancie, L.**, Keyserling, T., Smith-Taillie, L., Robasky, K., Patterson, C., Ammerman, A., Schisler, J.C. (2018). TAS2R38 Predisposition to Bitter Taste Associated with Differential Changes in Vegetable Intake in Response to a Community-based Dietary Intervention. *G3: Genes, Genomes, Genetics*, 8(6), 2107–2119.
18. **Calancie L.**, Anderson S., Branscomb J., Apostolico A.A., Lich K.H. (2018). Using Behavior Over Time Graphs to Spur Systems Thinking Among Public Health Practitioners. *Preventing Chronic Disease*, 15:170254.
19. **Calancie, L.**, Allen, N.E., Ng, S.W., Weiner, B.J., Ward, D.S., Ware, W., Ammerman, A. (2017). Evaluating Food Policy Councils Using Structural Equation Modeling. *American Journal of Community Psychology*, 61(1-2), 251-264.
20. **Calancie, L.**, Stritzinger, N., Koch, J., Horton, C., Allen, N.E., Weiner, B.J., Ng, S.W., Ammerman, A. (2017). Food Policy Council Case Study Describing Cross-sector Collaboration for Food System Change in a Rural Setting. *Progress in Community Health Partnerships*, 11(4), 441-447.
21. **Calancie L.**, Allen N.E., Weiner B.J., Ng S.W., Ward D.S., Ammerman A. (2017). Food Policy Council Self-Assessment Tool: Development, Testing, and Results. *Preventing Chronic Disease*, 14, E20.
22. DeMarco, M., Chapmen, L., McGee, C., **Calancie, L.**, Burnham, L., Ammerman, A. (2017). Merging Opposing Viewpoints: Analysis of the Development of a Statewide Sustainable Local Food Advisory Council in a Traditional Agricultural State. *Journal of Agriculture, Food Systems, and Community Development*, 7(3), 197-210.

23. Leeman, J., **Calancie, L.**, Kegler, M., Escoffery, C.T., Herrmann, A.K., Thatcher, E., Hartman, M., Fernandez, M. (2017). Developing Theory to Guide Design of Initiatives that Build Practitioners' Capacity to Implement Evidence-based Interventions. *Health Education and Behavior*, 44(1), 59-69.
24. **Calancie, L.**, Leeman, J., Jilcott Pitts, S.B., Khan, L.K., Fleischhacker, S., Evenson, K.R., ... Ammerman, A. (2015). Nutrition-Related Policy and Environmental Strategies to Prevent Obesity in Rural Communities: A Systematic Review of the Literature, 2002–2013. *Preventing Chronic Disease*, 12, E57, 1-16.
25. Leeman, J., **Calancie, L.**, Hartman, M.A., Escoffery, C.T., Herrmann, A.K., Tague, L.E., ... Samuel-Hodge, C. (2015). What Strategies are Used to Build Practitioner's Capacity to Implement Community-based Interventions and are they Effective?: A Systematic Review. *Implementation Science*, 10(1), 80-95.
26. Skinner, H.G., **Calancie, L.**, Vu, M.B., Garcia, B., DeMarco, M., Patterson, C., ... Schisler, J. C. (2015). Using Community-Based Participatory Research Principles to Develop More Understandable Recruitment and Informed Consent Documents in Genomic Research. *PLOS One*, 10(5): e0125466.
27. Smith, T.W., **Calancie, L.**, Ammerman, A. (2015). Social Entrepreneurship for Obesity Prevention: What Are the Opportunities? *Current Obesity Reports*, 4(3), 311–318.
28. Ammerman, A., Smith, T.W., **Calancie, L.** (2014). Practice-Based Evidence in Public Health: Improving Reach, Relevance, and Results. *Annual Review of Public Health*, 35(1), 47–63.
29. Harper, K.N., Liu, X., Hall, M.N., Ilievski, V., Oka, J., **Calancie, L.**, ... Gamble, M.V. (2014). A Dose–Response Study of Arsenic Exposure and Markers of Oxidative Damage in Bangladesh. *Journal of Occupational and Environmental Medicine*, 56(6), 652–658.

MANUSCRIPTS UNDER REVIEW:

1. **Calancie, L.**, Leng, I., Cené, C., Dave, G., Lich, K., Whitsel, E.A., Corbie, G. Racial Disparities in Incident Stroke Rates in the Women's Health Initiative: Exploring Biological, Behavioral, Psychosocial, and Social Determinants of Health Risk Factors.
2. Cooksey Stowers, K., Katz, A., **Calancie, L.**, Mancini, S., Daigle, S., Lynch, K.R., Nelson, L.S., Atoloye, A., Palmer, A., Tackling Food Swamps Through Legislation: A Case of the Food Equity Council in Prince George's County, Maryland.
3. Greer, Y.D., Nevels, D., Meinen, A., Korth, A., Moore, T.R., Appel, J., Werner, K., **Calancie, L.**, Economos, C.D. Applying Community-based System Dynamics to Support Collective Action and Promote Child Health Equity: The Case of Healthy & Fit Kids in Milwaukee, WI.

MANUSCRIPTS IN PREPARATION:

1. **Calancie, L.**, Jalali, M.S., Mahmoud, T., Economos, C.D., O'Tierney-Ginn, P. Glucose and Insulin Dynamics During Pregnancy: Simulating the Development of Insulin Resistance between Early and Late Pregnancy.
2. **Calancie, L.**, Moore, T.R., Appel, J., Burns, C., Fair, M., Fisher, E., Greer, Y., Hennessy, E., Houston, M., Ihedigbo, K., Medina, A., Nevels, D., Plattner, S., Thomson, C.A., Turner, L.D., Ulseth, M., Warriner, C., Werner, K., Wills, W., Economos, C.D. Perceptions of how Social Determinants of Health Interact to

Influence Children's Health and Disparities in Seven Communities across the United States: Common System Structures and Implications for Policy, Systems, and Environmental-level Change.

3. **Calancie, L.**, Pan, Y., Eliasziw, M. Associations between Food Policy Council Prevalence and Food Insufficiency Risk During the COVID-19 Pandemic.
4. Oza-Frank, R., Warnock, A.L., Stowers, K.C., **Calancie, L.**, Bassarb, K., Palmer, A., Harris, D. Associations between Food Policy Councils, Council Membership, and Policies That Support Healthy Food Access: A 2021 National Survey of Community Policy Supports.
5. **Calancie, L.**, Werner, K. Appel, J., Harellick, L., Hatfield, D., Hennessy, E., Jean-Louis, B., Wright, C., Economos, C.D. Exploring the Implementation Context and Dynamics of a Childhood Obesity Program Using Group Model Building.
6. Moore, T.R., Brown, J., **Calancie, L.**, Hovmand, P.S. Systems Science and Community-Based Participatory Research for Building Capacity.

COMMENTARIES:

Calancie, L., Batdorf-Barnes, A., Verbiest, S., White, N., Lich, K., Mullenix, A., Corbie, G., Cilenti, D. Practical Strategies for Promoting Health Equity in Communities. (2022). *Maternal and Child Health Journal*. 26(1), 82-87

Palmer, A., Atoloye, A., Bassarab, K., **Calancie, L.**, Santo, R., & Stowers, K.C. COVID-19 responses: Food policy councils are "stepping in, stepping up, and stepping back." (2020). *Journal of Agriculture, Food Systems, and Community Development*. 10.1: 1-4.

BOOK CHAPTERS:

Hennessy, E., **Calancie, L.**, Economos, C. (2022). Using Modeling to Understand Community Interventions for Improving Public Health and Food Systems. In Peters, C., Thilmany, D. (Ed.), *Food System Modeling: Tools for Assessing Sustainability in Food and Agriculture*. (pp. 283-307). *Academic Press*.

Thayer, L., De Marco, M., **Calancie, L.**, Cunningham-Kay, M., & Ammerman, A. (2015). Intervening to Change Eating Patterns: How can Individuals and Societies Effect Lasting Change Through their Eating Patterns? In R. Neff (Ed.), *Introduction to the U.S. Food System: Public Health, Environment, and Equity* (pp. 457-482). San Francisco, CA: Jossey-Bass.

PRESENTATIONS:

Oral presentations:

Calancie, L., Jalali, M.S., Mahmoud, T., Economos, C.D., O'Tierney-Ginn, P. Initial Steps Towards a Personalized Model of Glucose and Insulin Dynamics during Pregnancy. International System Dynamics Conference (July 23-27, 2023). Chicago, IL.

Calancie, L., Moore, T.R., Appel, J., Burns, C., Fair, M., Fisher, E., Greer, Y., Hennessy, E., Houston, M., Ihedigbo, K., Medina, A., Nevels, D., Plattner, S., Thomson, C.A., Turner, L.D., Ulseth, M., Warriner, C., Werner, K., Wills, S., Economos, C.D. Perceptions of how social determinants of health interact to

influence children's health and disparities in seven communities across the United States. International Society for Behavioral Nutrition and Physical Activity (ISBNPA) Annual Meeting. (June 14-17, 2023). Uppsala, Sweden.

Greer, Y., Nevels, D., Moore, T., **Calancie, L.**, Meinen, A., Korth, A., Werner, K., Appel, J., Economos, C.D. Applying Community-based System Dynamics to Support Collective Action for Healthy and Fit Kids in Milwaukee. American Public Health Association (APHA) Annual Meeting and Exposition. (November 1-4, 2022). Boston, MA.

Calancie, L., Werner, K., Appel, J., Hennessy, E., Nappi, D., Moore, T., Economos, C. Work in Progress: Effect of Specific Group Model Building Activities on Stakeholders. International System Dynamics Conference (July 25-30, 2021). Chicago, IL (Virtual).

Hovmand, P., **Calancie, L.**, Houston, M., Economos, C. Roundtable on Obesity Solutions Systems Mapping of Solutions. International System Dynamics Conference (July 25-30, 2021). Chicago, IL (Virtual).

Invited workshops

Calancie, L., Cooksey-Stowers, K., Palmer, A., Brown, H. Drawing Connections Between Food Security, Social Justice, and Sustainable Agriculture. Community Food Systems Conference (December 5-7, 2017). Boston, MA

Panel presentations

Calancie, L., Mueller, M., Cleary, R., Bellows, L. Systems Science: Modeling Obesity and Food Systems Efforts. Society for Nutrition Education and Behavior (SNEB) Annual Conference (August 8-10, 2021). Virtual conference.

Calancie, L., Allen, N., Ammerman, A. Food Council Self-Assessment: Instrument Development, Pilot Test Results, and a Conceptual Model Explaining the Functioning of Food Councils. American Public Health Association (APHA) Annual Meeting and Exposition (October 31-November 4, 2015). Chicago, IL.

Poster presentations

Calancie, L., Leng, X., Cené, C., Jiménez, M., Dave, G., Lich, K., Whitsel, E., Corbie, G. Racial Disparities in Incident Stroke in the Women's Health Initiative: Exploring Biological, Behavioral, Psychosocial, and Social Risk Factors. NIH Office of Research on Women's Health 2022 Annual BIRCWH Meeting: Building Interdisciplinary Research Careers in Women's Health (November 2, 2022). Virtual conference.

Economos, C., **Calancie, L.**, Allender, S., Appel, J., Bakun, P., Hennessy, E., ... & Hammond, R. Results of Stakeholder-driven Community Diffusion Pilot Study to Prevent Obesity in Early Childhood. ObesityWeek (November 2020). Virtual conference.

Calancie, L., Cooksey Stowers, K., Palmer, A., Calhoun, H., Frost, N., Piner, A., Webb, K. Food Policy Councils: Policy, Systems, and Environmental-level Initiatives and Potential Impacts. APHA Annual Meeting and Exposition (November 5, 2017). Atlanta, GA.

Calancie, L., Hendrickson, L., Chall, S., Mullenix, A., Chaudhry, A., Margolis, L., Lich, K. System Support Mapping Identifying Roles, Responsibilities, Needs, Resources, and Wishes for Title V-funded Maternal and Child Health Practitioners. APHA Annual Meeting and Exposition (November 5, 2017). Atlanta, GA.

Calancie, L., Soldavini, J., Dawson-McClure, S. Partnering to Strengthen School Meals Programs in a Southeastern School District. Society of Behavioral Medicine Meeting (April 2, 2016). Washington, D.C.

De Marco, M. M., **Calancie, L.,** Thayer, L. Home Base: A Practice-based Program to Build Capacity to Prepare Fresh, Local Produce in School Cafeterias and Encourage Healthy Eating Amongst Child Nutrition Service Staff. APHA Annual Meeting and Exposition (October 31-November 4, 2015). Chicago, IL.

Calancie, L., Schisler, J., Keyserling, T., Gizlice, Z., Garcia, B., Ammerman, A. An Investigation of the Relationship Between SNPs in a Bitter Taste Perception Gene (rs10246939) and a Dietary Intervention in a Community trial. International Society for Behavioral Nutrition and Physical Activity (ISBPA) Annual Conference (May 21-24, 2014). San Diego, CA.

TEACHING EXPERIENCE

Graduate and undergraduate students

- 2023 **Instructor**, Friedman School of Nutrition Science and Policy, Tufts University, Theories of Behavior Change (NUTB 211), Hybrid: In-person residency and online.
- 2022 **Instructor**, Friedman School of Nutrition Science and Policy, Tufts University, Theories of Behavior Change (NUTB 211), All online due to COVID-19.
- 2021 **Supervisor**, Friedman School of Nutrition Science and Policy, Tufts University, Directed Study of the Pittsburgh Food Policy Council, All online due to COVID-19.
- 2020 **Instructor**, Friedman School of Nutrition Science and Policy, Tufts University, Theories of Behavior Change (NUTB 211), Blended online and in-person residency course
- 2019 **Co-Instructor**, Friedman School of Nutrition Science and Policy, Tufts University, Theories of Behavior Change (NUTR 211), Course instructor – Sara Folta, PhD
- 2018 **Co-Instructor**, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Public Health Entrepreneurship (SPHG 780), Course instructor – Alice Ammerman, DrPH
- 2017 **Teaching assistant**, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Public Health Entrepreneurship (SPHG 780), Course instructor – Alice Ammerman, DrPH
- 2016 **Co-Instructor**, Nutrition Department, University of North Carolina at Chapel Hill Nutrition Policy (NUTR 875), Course instructor – Alice Ammerman, DrPH
- 2015 **Grant reader**, Nutrition Department, University of North Carolina at Chapel Hill Nutritional Translational Research and Application (NUTR 728), Course instructor - Beth Mayer-Davis, PhD
- 2014 **Teaching assistant**, Nutrition Department, University of North Carolina at Chapel Hill Human metabolism: Macronutrients (NUTR 600), Course instructor - Rosalind Coleman, MD

2012 **Teaching assistant**, Nutrition Department, University of North Carolina at Chapel Hill
Dietary Change Interventions (NUTR 712)
Course instructors - Myles Faith, PhD and Marlyn Allicock, PhD

2009 **Teaching assistant**, Division of Nutrition Sciences, Cornell University
Physiological and Biochemical Bases of Human Nutrition (NS 3310)
Course instructor - Charles McCormick, PhD

Public health professionals

2016 – 2019 Presenter and Workshop developer, National Maternal and Child Health Workforce
Development Center's Learning Institute, Chicago, IL in 2016; Chapel Hill, NC in 2017 &
2019, Tempe, AZ in 2018

2012 Workshop developer, Center for Training and Research Translation's 2012 Obesity Prevention in
Public Health Course for state-level public health practitioners, Chapel Hill, NC

STUDENT MENTORING & SUPERVISION

Tufts University

Research Assistants

2023 Madelin Brown, Medical Student, Tufts Medical Center
2023 Wooyon Choi, Medical Student, Tufts Medical Center
2022 Ania Ruiz Borys, Master's student, Friedman School of Nutrition Science and Policy
2022-23 Fangrou (Ingrid) Zhou, Master's student, Friedman School
2020-21 Andrew May, Master's student, Friedman School
2021 Ananyaa Mohan, Master's student, Friedman School
2021 Samantha Tweddle, Master's student, Friedman School
2020 Suzanna Gerber, Master's student, Friedman School
2020 Pauline Herrington, Undergraduate student, Department of Engineering

Teaching Assistants

2023 Katherine Alonso, Doctoral student, Friedman School
2022 Jenna Bernard, Master's student, Friedman School
2021 Amy Brownstein, Master's student, Friedman School
2020 Ana Maafs, Doctoral student, Friedman School
2020 Alexandria Schmall, Doctoral student, Friedman School

Research Assistants and Fellows Outside of Tufts

2022-23 Rachel Inman, Master's student, Drexel University, Nutrition Department
2022-23 Jessica Loung, NOPREN FPC, Working Group Fellow, University of Washington, Health
Systems and Population Health Department
2020 – 22 Abiodun Atoloye, Postdoctoral Fellow, University of Connecticut, Rudd Center for Obesity and
Nutrition Research
2020 – 21 Sophie Schouboe, Master's student, Johns Hopkins University, Center for a Livable Future

FUNDING

Active

K12HD092535 NIH/NICHD Freund/Jaffe (DPI) 08/01/22 – 07/31/24
 Tufts Building Interdisciplinary Research Careers in Women's Health (BIRCWH) K12 Career Development Award. Disrupting intergenerational obesity: Developing a simulation model to identify effective interventions.
Role: Scholar

The JPB Foundation Economos (PI) 03/01/21 – 02/28/24
 Catalyzing Communities to Promote Child Health Equity
 Our long-term goal is to advance a replicable community transformation model using a systems approach called Stakeholder-driven Community Diffusion, and to influence childhood obesity prevention efforts through innovative research, new collaborations, national partnerships, and scaling strategies that have proven successful.
Role: Co-Investigator

The JPB Foundation Economos (PI) 03/01/21 – 02/28/24
 Replicating Healthy Ways
 Tufts investigators are partnering with the Harlem Children's Zone to replicate their Healthy Ways program in new communities around the US. This project builds on work done during the planning phase to codify program elements and identify contextual and organizational factors critical for successful implementation of Healthy Ways. In this phase, we are working with HCZ to identify and select new communities and organizations to replicate Healthy Ways and will lead the evaluation of implementation in those new communities, including identifying adaptations to make to the replication process to optimize future scaling efforts.
Role: Co-Investigator

Completed

Kansas Health Foundation Calancie (PI) 01/01/20 – 08/30/23
 The Kansas Food Policy Project
 We propose to evaluate the Kansas Alliance for Wellness and its support of Food and Farm Councils across the state to answer three main questions: 1) what is the context in which the KAW is taking place, 2) to what extent was the project implemented as intended, and 3) what impact is the project having?
Role: Principal Investigator

Healthy Food for Denver's Kids Calancie (PI) 09/01/22 – 12/31/22
 A city-wide ordinance was passed by voters via a ballot initiative in 2018 to establish a fund to provide healthy food and food-based education to Denver's youth. Our team conducted a strategy workshop with the City Commission and is developing recommendations based on that workshop.
Role: Principal Investigator

The JPB Foundation Economos (PI) 03/01/19 – 02/28/21
 Catalyzing Communities to Prevent Obesity: A Systems Approach (Phase 2)
 Our long-term goal is to advance a replicable community transformation model using a systems approach called Stakeholder-driven Community Diffusion, and to influence childhood obesity prevention efforts through innovative research, new collaborations, national partnerships, and scaling strategies that have proven successful.
Role: Co-Investigator

PROFESSIONAL ACTIVITIES & AFFILIATIONS

Professional affiliations:

- 2017 – System Dynamics (SD) Society, Member of the Structural Racism Special Interest Group
 2013 – Co-leader, Food Policy Council Work Group, CDC-funded Nutrition and Obesity Policy Research and Evaluation Network (NOPREN)
 2015 – 2018 American Public Health Association (APHA), Food and Nutrition Section

Reviewer for the following journals, conferences, and proceedings:

American Journal of Community Psychology
 Food Policy
 Journal of Agriculture, Food Systems, and Community Development
 Journal of Nutrition Education and Behavior
 Journal of Public Health Management & Practice
 Journal of Public Health Policy
 National Academies of Science, Engineering, and Medicine
*Reviewed Integrating Systems and Sectors Toward Obesity Solutions:
 Proceedings of a Workshop (2021)*
 Obesity Reviews
 Preventing Chronic Disease
 Progress in Community Health Partnerships
 Sociological Spectrum
 Society of Behavioral Medicine – *Conference abstract reviewer*
 System Dynamics – *Conference paper reviewer*

SPECIALTY TRAINING & SKILLS

Training:

- 2021 Unpacking Whiteness, Tufts University
 2015 Racial Equity Institute (REI) – Level I and ‘It’s in the Groundwater’
 2014 Mental Health First Aid, UNC Chapel Hill

Analytic software:

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|-------------------------------|--|
| STATA & R | Statistical analysis |
| Microsoft Excel, Crystal Ball | Cost effectiveness modeling, Operations research |
| Dedoose | Qualitative analysis |
| Kumu | Network analysis and visualization |
| AnyLogic | Agent-based modeling |
| Stella Architect, Vensim DSS | System dynamics |