

# LINDSEY MINA LOCKS

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Department of Health Sciences, Boston University Sargent College of Health & Rehabilitation Sciences  
Department of Global Health, Boston University School of Public Health

## EDUCATION

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- **2016** Doctor of Science (ScD), **Harvard University**: T.H. Chan School of Public Health, Department of Nutrition. Concentration: Nutritional Epidemiology. Minors: Biostatistics and Epidemiology.
- **2011** Master of Public Health (MPH), **Columbia University**: Mailman School of Public Health, Department of Epidemiology. Concentration: Global Health.
- **2007** Bachelor of Arts (BA), **Princeton University**: Department of History. Certificate in African Studies.

## ACADEMIC AND PROFESSIONAL APPOINTMENTS

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**2018–present** Assistant Professor (Tenure Track), **Boston University**

Sargent College of Health & Rehabilitation Sciences, Department of Health Sciences  
Boston University School of Public Health, Department of Global Health

### ***BU Affiliations and Leadership Roles***

- Founder & Director, Global Nutrition Lab, 2018–present
- Core Faculty, Human Capital Initiative, Global Development Policy Center, 2024–present
- Faculty Governing Board, Wheelock Institute for Early Childhood Well-Being, 2022–present
- Affiliate Faculty, Center on Forced Displacement, 2022–present
- Member, TIARA Affinity Research Collaborative (Tuberculosis Interdisciplinary Approach to Research Alliance), Evans Center for Interdisciplinary Biomedical Research, 2021–present

### ***Prior Appointments***

- **2017–2018** Lecturer, Tufts University: School of Arts and Sciences, Department of Community Health
- **2016–2018** Research Consultant, United Nations Children’s Fund (UNICEF), Nutrition Section, Headquarters, New York, NY
- **2016–2018** Postdoctoral Research Fellow, Harvard University: Harvard T.H. Chan School of Public Health, Department of Nutrition
- **2010–2011** Programme Associate, Helen Keller International, Kathmandu, Nepal & New York, NY
- **2008–2009** Nutrition Coordinator, Clinton Foundation HIV/AIDS Initiative, Lindi & Mtwara Regions, Tanzania
- **2007–2008** Reports and Communications Officer, World Food Programme, Regional Office for East and Central Africa, Kampala, Uganda

## HONORS AND RECOGNITION

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- **2026** Selected Participant, U.S. National Academies of Sciences, Engineering & Medicine, U.S.–Africa Frontiers of Science, Engineering and Medicine Symposium, Dakar, Senegal
- **2026** Excellence in Nutrition Fellow of the American Society for Nutrition (FASN)
- **2025** Chair, Global Nutrition Council, American Society for Nutrition (2025–2027)
- **2016, 2015, 2014** Distinction in Teaching, Derek Bok Center for Teaching & Learning, Harvard University
- **2011** Sidney Kark Award in Epidemiology, Columbia University Mailman School of Public Health

## RESEARCH OVERVIEW

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My research focuses on maternal and child nutrition during the first 1,000 days, the nutrition–infection relationship, and implementation science for delivering nutrition interventions through health systems in low- and middle-income countries. Since joining BU in 2018, I have founded and directed the Global Nutrition Lab, an undergraduate-facing research and training program anchored in sustained partnerships in Zambia, India, Ghana, and Nepal. Across these platforms, my work integrates randomized trials, biological specimen analysis, dietary assessment, policy translation, and implementation research, supported by sustained extramural and foundation funding across four international research platforms.

The lab now includes three faculty members through two deliberate Clinical Assistant Professor recruitments I served on or chaired: Dr. Jacqueline Lauer, whose analytic and biomarker expertise expanded the Zambia platform, and Dr. Hayford M. Avedzi, whose Ghana Health Service and University of Ghana networks helped launch the lab's Ghana platform.

### ***Funded Research Platforms***

- India – Puducherry (2019–24) — Lead nutrition scientist for TB-LION, a nutritional intervention trial linking dietary intake, anthropometry, micronutrient biomarkers, and immune response among adults with TB and household contacts. This platform has produced policy, costing, implementation, and immunology-focused publications, with three first/co-first-authored manuscripts currently under review or selected for 2026 presentation.
- India – Nagpur (2018–present) — PI of the Thrasher-supported maternal anemia cohort and Scientific Co-Lead of the active LEAD trial, with multiple co-authored publications.
- Zambia (2019–24) — Lead Nutrition Investigator for ZamCharts, a cluster-randomized trial of SQ-LNS and home-installed growth charts. Primary outcomes were published in *BMJ Global Health*; related biomarker, microbiome, growth, and developmental analyses have produced multiple papers in *Journal of Nutrition* and *Journal of Pediatrics*.
- Ghana (active 2024–present, expanding) — Global Nutrition Lab-led platform. Active work includes an Edesia Nutrition-funded SQ-LNS packaging trial, ObaaPa ("Good Mother") digital nutrition counseling, pediatric TB–nutrition integration, and four pending Contact PI submissions to NIH/Fogarty and foundation funders.

### ***Field Leadership and Policy Impact***

Chair, Global Nutrition Council, American Society for Nutrition (2025–2027). 2026 Excellence in Nutrition Fellow of the American Society for Nutrition (FASN). Selected participant, U.S. National Academies U.S.–Africa Frontiers of Science, Engineering, and Medicine Symposium (Dakar, 2026). Policy-facing work cited in UNICEF programming guidance, U.S. CDC briefs, and the WHO 2025 Consolidated Guidelines on Tuberculosis: Module 6.

## **COLLABORATIVE RESEARCH PARTNERSHIPS**

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The funded research platforms described above are sustained by the following institutional partnerships.

### ***International***

- **India – Puducherry:** Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) (PI: Lakshminarayanan). PhD dissertation committee member for Namita Patel; cohort data contributed to the WHO Global Gestational Weight Gain Project and the ICMR national data call.
- **India – Nagpur:** Lata Medical Research Foundation (LMRF), an NICHD Global Network site (PI: Patel; senior partner: Hibberd). Mentored ECRs include Bhaise (DINA Micronutrient Forum awardee), Dhurde, Shah, and Gugel.
- **Zambia:** Centre for Infectious Disease Research in Zambia (CIDRZ); Innovations for Poverty Action (IPA).
- **Ghana:** Ghana Health Service; University of Ghana (co-PIs Adu-Afarwuah, Obeng-Amoako); Noguchi Memorial Institute for Medical Research (Folson, nutrition; Asante-Poku, TB bacteriology); UNICEF Ghana.
- **Pre-BU postdoctoral evaluations (2016–18):** Partnerships with UNICEF country offices (DRC, Madagascar, Nepal) and the U.S. Centers for Disease Control and Prevention; six first/senior-authored publications cited in UNICEF programming guidance on complementary feeding (2020) and home fortification (2023).

### ***U.S. and Other Partners***

- **Rutgers New Jersey Medical School** (Salgame, Ellner, Johnson): TB-LION and TB-LEOPARD co-investigators.
- **U.S. Centers for Disease Control and Prevention** (Jefferds, Whitehead): home fortification and anemia research collaborations spanning Nepal, DRC, and Madagascar.

### ***Boston University Internal***

Sargent College (Lauer, Hamer, Avedzi); School of Public Health (Brooks, Rockers, Sabin, Hibberd); Chobanian & Avedisian School of Medicine (Sinha); Questrom School of Business (Kulatilaka); Boston Medical Center (Horsburgh). Collaborations span nutrition, epidemiology, infectious disease, health economics, and implementation science.

## PEER-REVIEWED PUBLICATIONS

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The list below includes 52 published peer-reviewed articles and four manuscripts currently under review. Published work includes 18 first-authored and 5 senior-authored articles, with first/senior authorship noted below. Forty-one of the 52 published articles have appeared since 2018, my first year at Boston University. Because the Health Science program does not include a doctoral or postdoctoral pipeline in global/public health nutrition, senior-authored output in the Global Nutrition Lab comes primarily through faculty mentoring and co-mentorship of LMIC early-career researchers.

### Manuscripts Under Review

(† denotes student mentee. Role on first/senior-authored papers indicated in parentheses; middle authorship indicated by position of bold name only.)

56. Narasimhan PB, Jain K, Rajkumari N, Dauphinais MR, Jasmeline R, Shaikh S, Patel JU, Prakash Babu S, Cintron C, Karoly M, Carwile ME, Liu AF, Maloomian K, **Locks LM**, Mehta S, Sarkar S, Singh UB, Ellner JJ, Salgame P, Heysell SK, Hochberg NS, Lakshminarayanan S, Sinha P. High prevalence of soil-transmitted helminth co-infections in persons with tuberculosis in South India. (under review, *Clinical Infectious Diseases*) (Brief Report).
55. Perumal N, Farrar DS, Parkerson D, Lauer JM, **Locks LM**, Chembe M, Henderson S, Billima-Mulenga T, Rockers PC, Fink G. Effect of SQ-LNS on growth and neurodevelopmental outcomes among children born low birthweight in Zambia. (under review, *Journal of Nutrition*).
54. Lauer JM, Leng Y, Chembe M, Billima-Mulenga T, Sikazwe D, Parkerson D, Henderson S, Fink G, Rockers PC, **Locks LM**. The effect of 18 months of small-quantity lipid-based nutrient supplements on gastrointestinal health and gut microbiome in children 2–3 years in Zambia. (under review, *British Journal of Nutrition*; third revision). (senior author)
53. **Locks LM**, Narasimhan PB, VanValkenburg A, Subramanian L, Anuradha B, Rakesh PS, Sinha P, Lakshminarayanan S, et al. Recovery of Antigen-specific Th1 cytokine responses following nutritional support in *Mycobacterium tuberculosis*-exposed household contacts with low BMI in South India. (under review, *Journal of Infectious Diseases*).

### Published Peer-Reviewed Articles

(Newest first.)

52. Patel N, Sagili H, Sahoo J, Vairappan B, Kulkarni B, **Locks LM**, Lakshminarayanan S. Gestational weight gain and adverse pregnancy outcomes among pregnant women attending primary health centres in Puducherry: Results from the JANMAM pregnancy cohort. *Indian Journal of Medical Research*. 2026;163:677–684. DOI: 10.25259/IJMR\_2230\_2025.
51. Patel N, Raj R, Sagili H, Sahoo JP, Vairappan B, Kulkarni B, **Locks LM**, Lakshminarayanan S. Postpartum weight change one year after delivery and associated factors among women in Puducherry, South India: Findings from the JANMAM cohort. *International Journal of Gynecology & Obstetrics*. 2026. DOI: 10.1002/ijgo.70964.
50. Lauer JM, Pyykkö J, **Locks LM**, Consigli A, Chembe M, Billima-Mulenga T, Sikazwe D, Henderson S, Parkerson D, Leppänen JM, Fink G, Rockers PC. Predictors of eye-tracking reaction time among young children in Lusaka, Zambia. *PLOS ONE*. 2026.
49. Dhurde VS, Patel AB, **Locks LM**, Hibberd PL. Knowledge, attitude, and practices regarding iron-folic acid tablets and coverage of the Weekly Iron Folic Acid Supplementation programme among rural adolescent girls in Nagpur District, Maharashtra. *Indian Journal of Public Health Research and Development*. 2026;17(1).

48. **Locks LM**, Parekh A, Newell K, Dauphinais MR, Cintron C, Maloomian K, Yu EA, Finkelstein JL, Mehta S, Sinha P. The ABCDs of nutritional assessment in infectious diseases research. *Journal of Infectious Diseases*. 2025;231(3):562–572. (first author)
47. **Locks LM**, Stewart CP, Hoffman DJ, Duggan CP. A shock to the global nutrition system: Why nutrition scientists should challenge the dismantling of USAID and the United States' withdrawal from the WHO. *American Journal of Clinical Nutrition*. 2025. (first author)
46. Lauer JM, Odom AR, Rani A, Story G, Chembe M, Henderson S, Parkerson D, Fink G, Rockers PC, Sela D, **Locks LM**. Breastfeeding, the gut microbiome, and growth among infants in Lusaka, Zambia. *Journal of Nutrition*. 2025. (senior author)
45. Lauer JM, DeShaw A, Ward I, Hamer DH, **Locks LM**. The use of home fortification products in humanitarian settings: A scoping review. *Maternal & Child Nutrition*. 2025;e70128. (senior author)
44. **Locks LM**, Chembe M, Billima-Mulenga T, Lauer JM, Sikazwe D, Henderson S, Rockers PC, Parkerson D, Fink G. Predictors of stunting and pathway analysis for linear growth among children 2–3 years of age after a trial of SQ-LNS and home-installed growth charts in Zambia. *Journal of Nutrition*. 2025. (first author)
43. Lauer JM, Pyykkö J, Chembe M, Billima-Mulenga T, Sikazwe D, Chibwe B, Henderson S, Parkerson D, Leppänen JM, Fink G, **Locks LM**, Rockers PC. Markers of environmental enteric dysfunction are associated with poor growth and developmental outcomes among young children in Lusaka, Zambia. *Journal of Pediatrics*. 2025. (co-senior author)
42. Carwile ME, Jain K, Dauphinais MR, Cintron C, Janarthanan G, **Locks LM**, Sinha P, Lakshminarayanan S. TB LENS: Perspectives on a nutritional supplementation for persons with TB and their household contacts. *Global Public Health*. 2025.
41. Pandey AK, Sinha AP, Rawat R, Chowdhury R, Goudar SS, Nagpal J, et al. (including **Locks LM**). PRAYAS: individual patient data meta-analysis database for Pooled Research and Analysis for Yielding Anemia-free Solutions in India. *Frontiers in Public Health*. 2025;13:1696787.
40. Dhurde VS, Patel AB, **Locks LM**, Hibberd PL, Gajbhiye R. Diagnostic performance of red cell indices in detecting iron deficiency among rural adolescent girls aged 14–19 years in Nagpur District. *PLOS Global Public Health*. 2025.
39. Sinha P, Bhargava M, Carwile ME, Dauphinais MR, Tisile P, Cintron C, Lenart A, Hauser J, Oliver M, Mehta S, Finkelstein J, Koura KG, Cegielski JP, Houben R, **Locks LM**, McQuaid F, Bhargava A. A roadmap for integrating nutritional assessment, counselling, and support into the care of people with tuberculosis. *The Lancet Global Health*. 2025;13(5):e967–e973.
38. Carwile ME, Jain K, Dauphinais MR, Narasimhan PB, Maloomian K, Rajaram M, Cintron C, McQuaid FC, **Locks LM**, Sabin LL, Lakshminarayanan S, Sinha P. Food insecurity in South Indian households with TB during COVID-19 lockdowns and the impact of nutritional interventions. *PLOS Global Public Health*. 2025.
37. Lauer JM, Bhaise S, Dhurde V, Gugel A†, Shah M†, Hibberd PL, Patel A, **Locks LM**. Maternal anemia during pregnancy and infant birth outcomes: A prospective cohort study in Eastern Maharashtra, India. *Current Developments in Nutrition*. 2024. (senior author)
36. **Locks LM**, Bhaise S, Dhurde V, Gugel A†, Lauer JM, Shah M†, Goghari A, Hibberd PL, Patel A. The prevalence of anemia during pregnancy and its correlates vary by trimester and hemoglobin assessment method in Eastern Maharashtra, India. *Maternal & Child Nutrition*. 2024. (first author)
35. Fink G, **Locks LM**, Lauer JM, Chembe M, Henderson S, Sikazwe D, Billima-Mulenga T, Parkerson D, Rockers PC. The impact of growth charts and SQ-LNS on child growth in Zambia: A four-arm parallel open-label cluster randomized controlled trial. *BMJ Global Health*. 2024.

34. Dhurde VS, Patel AB, **Locks LM**, Hibberd PL. Anemia prevalence, its determinants and profile of micronutrient status among rural adolescent girls aged 14–19 years in Nagpur District, Maharashtra. *Public Health Nutrition*. 2024.
33. **Locks LM**, Newell K†, Imohe A, Moloney GM, Shaker-Berbari L, Paudyal N, Jefferds MED. The effect of interventions distributing home fortification products on infant and young child feeding practices: A systematic narrative review. *Maternal & Child Nutrition*. 2023. (first author)
32. **Locks LM**, Paudyal N, Lundsgaard S†, Thapa LB, Joshi N, Mei LZ, Whitehead RD, Jefferds MED. Prevalence of anemia in children aged 6–23 months and its correlates differ by district in Kapilvastu and Achham districts in Nepal. *Current Developments in Nutrition*. 2023. (first author)
31. Carwile ME, Cintron C, Jain K, Buonomo G, Oliver M, Dauphinais M, Narasimhan PB, Prakash Babu S, Sarkar S, **Locks LM**, Kulatilaka N, Hochberg NS, Lakshminarayanan S, Sinha P. Not business as usual: Engaging the corporate sector in India's TB elimination efforts. *Global Public Health*. 2023.
30. Buonomo G, Acuña-Villaorduna C, Poongothai V, Dharmalingam M, Cintron C, Dauphinais M, Babu SP, **Locks LM**, Sarkar S, Salgame P, Hochberg NS, Lakshminarayanan S, Narasimhan PB, Sinha P. A micro-costing analysis of nutritional support for persons with TB and their families in India. *Public Health Action*. 2023;13(2):34–36.
29. **Locks LM**, Shah M†, Bhaise S, Hibberd PL, Patel A. Assessing the diets of young children and adolescents in India: Challenges and opportunities. *Frontiers in Pediatrics*. 2022. (first author)
28. Sinha P, Lakshminarayanan SL, Cintron C, Narasimhan PB, **Locks LM**, Kulatilaka N, Maloomian K, Prakash Babu S, Carwile ME, Liu AF, Horsburgh CR, Acuña-Villaorduna C, Linas BP, Hochberg NS. Nutritional supplementation would be cost-effective for reducing tuberculosis incidence and mortality in India: The ROTI-TB model. *Clinical Infectious Diseases*. 2022;75(4):577–585.
27. **Locks LM**, Patel A, Katz E†, Simmons E, Hibberd P. Seasonal trends and maternal predictors of undernutrition and low birth weight in Eastern Maharashtra, India. *Maternal & Child Nutrition*. 2021. (first author)
26. Cintron C, Narasimhan PB, **Locks LM**, Babu S, Sinha P, Rajkumari N, Kaipilyawar V, Bhargava A, Maloomian K, Chandrasekaran P, Verma S, Joseph N, Johnson WE, Wanke C, Horsburgh CR, Ellner JJ, Sarkar S, Salgame P, Lakshminarayanan S, Hochberg NS. TB LION: Protocol for an interventional study to decrease TB risk in household contacts. *BMC Infectious Diseases*. 2021;21:865.
25. Addo OY, Tripp K, Nanama S, Albert B, Sandalinas F, Nanema A, Jefferds ME, Clayton HB, Whitehead RD Jr, Garg A, Kupka R, **Locks LM**. An integrated IYCF and SQ-LNS program is associated with improved gross motor and communication scores of children 6–18 months in the DRC. *Journal of Pediatrics*. 2020;222:154–163. (senior author)
24. Addo OY, **Locks LM**, Jefferds ME, Nanama S, Albert B, Sandalinas F, Nanema A, Whitehead RD Jr, Mei Z, Clayton HB. Combined IYCF with SQ-LNS is associated with a reduction in anemia but no changes in anthropometric status of young children in the DRC. *American Journal of Clinical Nutrition*. 2020;112(3):683–694.
23. Yam D, Aluisio AR, Perera SM, Peters JL, Cho DK, Kennedy SB, Massaquoi M, Sahr F, Smit MA, **Locks LM**, Levine AC. Association between multivitamin supplementation and mortality among patients with Ebola virus disease: An international multisite cohort study. *African Journal of Emergency Medicine*. 2020;10(1):23–29.
22. Sinha P, Carwile M, Bhargava A, Cintron C, Acuña-Villaorduna C, Lakshminarayanan S, Liu AF, Kulatilaka N, **Locks LM**, Hochberg NS. How much do Indians pay for tuberculosis treatment? A cost analysis. *Public Health Action*. 2020;10(3):110–117.
21. **Locks LM**, Nanama S, Addo OY, Albert B, Sandalinas F, Nanema A, Whitehead RD Jr, Garg A, Kupka R, Jefferds ME, Tripp K. An integrated IYCF and SQ-LNS program in the DRC is associated with improvements in breastfeeding and hand-washing behaviors but not dietary diversity. *Maternal & Child Nutrition*. 2019. (first author)

20. **Locks LM**, Dahal P, Pokharel R, Joshi N, Paudyal N, Whitehead RD Jr, Mei Z, Jefferds MED. Changes in growth, anaemia, and iron deficiency among children aged 6–23 months in two districts in Nepal that were part of the post-pilot scale-up of an integrated infant and young child feeding and micronutrient powder program. *Maternal & Child Nutrition*. 2019. (first author)
19. **Locks LM**, Dahal P, Pokharel R, Joshi N, Paudyal N, Whitehead RD Jr, Mei Z, Jefferds MED. Predictors of micronutrient powder (MNP) knowledge, coverage, and consumption during the scale-up of an integrated infant and young child feeding (IYCF–MNP) programme in Nepal. *Maternal & Child Nutrition*. 2019. (first author)
18. Sania A, Sudfeld CR, Danaei G, Fink G, McCoy DC, Zhaozhong Z, Smith Fawzi MC, **Locks LM**, Fawzi W. Early life risk factors of motor, cognitive and language development: A pooled analysis of studies from low- and middle-income countries. *BMJ Open*. 2019;9(10):e026449.
17. Aluisio AR, Perera SM, Yam D, Garbern S, Peters JL, Abel L, Cho DK, Kennedy SB, Massaquoi M, Sahr F, Brinkmann S, **Locks LM**, Levine AC. Vitamin A supplementation was associated with reduced mortality in patients with Ebola virus disease during the West African outbreak. *Journal of Nutrition*. 2019;149(10):1757–1765.
16. Moucheraud C, Chandyo RK, Henjum S, Strand TA, Ulak M, Fawzi WW, **Locks LM**, Webb P, Thorne-Lyman AL. Engagement in agriculture protects against food insecurity and malnutrition in peri-urban Nepal. *Current Developments in Nutrition*. 2019;3(1):nzy078.
15. Blakstad MM, Smith ER, Etheredge A, **Locks LM**, McDonald CM, Kupka R, Kisenge R, Aboud S, Bellinger D, Sudfeld CR, Fawzi WW, Manji KP, Duggan CP. Nutritional, socioeconomic, and delivery characteristics are associated with neurodevelopment in Tanzanian children. *Journal of Pediatrics*. 2019;207:71–79.e8.
14. **Locks LM**, Dahal P, Pokharel R, Joshi N, Paudyal N, Whitehead RD Jr, Mei Z, Jefferds MED. Infant and young child feeding (IYCF) practices improved in 2 districts in Nepal during the scale-up of an integrated IYCF and micronutrient powder program. *Current Developments in Nutrition*. 2018. (first author)
13. Syed S, Manji KP, McDonald CM, Kisenge R, Aboud S, Sudfeld CR, **Locks LM**, Liu E, Fawzi WW, Duggan CP. Biomarkers of systemic inflammation and growth in early infancy are associated with stunting in young Tanzanian children. *Nutrients*. 2018;10(9):1158.
12. Hasan SMT, Rahman S, **Locks LM**, Rahman M, Hore SK, Saqeeb KN, Khan MA, Ahmed T. Magnitude and determinants of inadequate third-trimester weight gain in rural Bangladesh. *PLOS ONE*. 2018;13(6):e0199870.
11. **Locks LM**, Reerink I, Brown AT, Gnegne S, Ramalanjaona N, Nanama S, Duggan CP, Garg A. The impact of integrated IYCF and micronutrient powder intervention on feeding practices and anemia in children aged 6–23 months in Madagascar. *Nutrients*. 2017. (first author)
10. **Locks LM**, Manji KP, McDonald CM, Kupka R, Kisenge R, Aboud S, Wang M, Fawzi WW, Duggan CP. The effect of daily zinc and/or multivitamin supplements on early childhood development in Tanzania: Results from a randomized controlled trial. *Maternal & Child Nutrition*. 2017. (first author)
9. **Locks LM**, Mwiru RS, Mtisi E, Manji KP, McDonald CM, Liu E, Kupka R, Kisenge R, Aboud S, Gosselin K, Wang M, Bellinger DC, Fawzi WW, Duggan CP. Infant nutritional status and markers of environmental enteric dysfunction are associated with midchildhood anthropometry and blood pressure in Tanzania. *Journal of Pediatrics*. 2017;187:225–233.e1. (first author)
8. **Locks LM**, Manji KP, Kupka R, Liu E, Kisenge R, McDonald CM, Aboud S, Wang M, Fawzi WW, Duggan CP. High burden of morbidity and mortality but not growth failure in infants exposed to but uninfected with human immunodeficiency virus in Tanzania. *Journal of Pediatrics*. 2017;180:191–199.e2. (first author)
7. Smith ER, **Locks LM**, Manji KP, McDonald CM, Kupka R, Kisenge R, Aboud S, Fawzi WW, Duggan CP. Delayed breastfeeding initiation is associated with infant morbidity. *Journal of Pediatrics*. 2017;191:57–62.

6. **Locks LM**, Manji KP, McDonald CM, Kupka R, Kisenge R, Aboud S, Wang M, Fawzi WW, Duggan CP. Effect of zinc and multivitamin supplementation on the growth of Tanzanian children aged 6–84 weeks: A randomized, placebo-controlled, double-blind trial. *American Journal of Clinical Nutrition*. 2016. (*first author*)
5. Baidal JAW, **Locks LM**, Cheng ER, Blake-Lamb TL, Perkins ME, Taveras EM. Risk factors for childhood obesity in the first 1,000 days: A systematic review. *American Journal of Preventive Medicine*. 2016;50(6):761–779.
4. Blake-Lamb TL, **Locks LM**, Perkins ME, Woo Baidal JA, Cheng ER, Taveras EM. Interventions for childhood obesity in the first 1,000 days: A systematic review. *American Journal of Preventive Medicine*. 2016;50(6):780–789.
3. Chandyo RK, Henjum S, Ulak M, Thorne-Lyman AL, Ulvik RJ, Shrestha PS, **Locks LM**, Fawzi WW, Strand TA. The prevalence of anemia and iron deficiency is more common in breastfed infants than their mothers in Bhaktapur, Nepal. *European Journal of Clinical Nutrition*. 2016;70(4):456–462.
2. **Locks LM**, Pandey PR, Osei AK, Spiro DS, Adhikari DP, Haselow NJ, Quinn VJ, Nielsen JN. Using formative research to design context-specific behavior change strategies to improve infant and young child feeding in Nepal. *Maternal & Child Nutrition*. 2015. (*first author*)
1. Henjum S, Manger M, Skeie E, Ulak M, Thorne-Lyman AL, Chandyo RK, Shrestha PS, **Locks LM**, Ulvik RJ, Fawzi WW, Strand TA. Iron deficiency is uncommon among lactating women in urban Nepal, despite a high risk of inadequate dietary iron intake. *British Journal of Nutrition*. 2014;112(1):132–141.

### **Selected Student-Led Peer-Reviewed Abstracts and Conference Presentations**

(*Students are first authors; faculty mentor shown in bold.*)

1. Shaw L, DeShaw A, Ward I, Hamer DH, **Locks LM**, Lauer JM. “Use of Home Fortification Products in Humanitarian Settings: A Scoping Review.” *ASN Annual Meeting*, Orlando, FL, 2025 (poster).
2. Buonomo A, DeShaw A, Ward I, Hamer DH, **Locks LM**, Lauer JM. “Use of Home Fortification Products in Humanitarian Settings: A Scoping Review.” *ASN Annual Meeting*, Orlando, FL, 2024 (poster).
3. Naksi K, Sinha P, **Locks LM**. “Creating and Analyzing Dietary Baseline Data to Measure Nutritional Adequacy of Indian Household Contacts of Diagnosed Tuberculosis Patients.” *National Conference on Undergraduate Research (NCUR)*, Long Beach, CA, 2024 (oral).
4. Shah M, Gugel A, Bhaise S, Lauer J, Hibberd PL, Patel A, **Locks LM**. “The Effectiveness of Iron and Folic Acid Supplementation in Reducing the Prevalence of Anemia During Pregnancy Among Women in Eastern Maharashtra, India.” *ASN Annual Meeting*, 2022 (poster).
5. Gugel A, Bhaise S, Lauer J, Hibberd PL, Patel A, **Locks LM**. “Anemia and Iron Deficiency in the First Trimester of Pregnancy Among Women in Eastern Maharashtra, India.” *ASN Annual Meeting*, 2022 (poster).

## **PRESENTATIONS**

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### **International**

- 2026 — Selected Participant, U.S.–Africa Frontiers of Science, Engineering and Medicine Symposium, National Academies of Sciences, Engineering and Medicine, Dakar, Senegal.
- 2025 — Invited Symposium Speaker, American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, Toronto, Canada. Symposium: Nutrition and Tuberculosis – A Clear and Present Danger. Presentation: An Overview of Nutrition and Tuberculosis.
- 2025 — Chair/Moderator, 23rd International Congress of Nutrition (IUNS-ICN), Paris, France. Chaired oral session: Public Health and Nutrition Across the Life Cycle.

- 2024 — Keynote Speaker, 9th African Nutrition Conference (ANEC), Cape Coast, Ghana. Presentation: Meals as Medicines – The Case for Nutrition Support in Tuberculosis Programs.
- 2023 — Invited Speaker, Micronutrient Forum 6th Global Conference, The Hague, The Netherlands.
- 2020 — Invited Speaker, Micronutrient Forum 5th Global Conference (Virtual).
- 2019 — Invited Speaker, Assessment of Diet and Nutrition in Resource-Limited Settings, JIPMER, Pondicherry, India.
- 2018 — Poster Presentation, Nutrition Innovation Lab Symposium, Kathmandu, Nepal.
- 2016 — Invited Speaker, UNICEF Workshop on Writing and Publishing Peer-Reviewed Research Papers, Kathmandu, Nepal.
- 2016 — Invited Speaker, Micronutrient Forum 4th Global Conference, Cancun, Mexico.

### **National (United States)**

- 2026 – Oral Abstract Presenter, 30th Annual Conference of The Union North America Region, Philadelphia, PA. Session: Setting the Table: TB and Nutrition (Chair: Sinha). Presentation: Nutrition Support Modulates TB Antigen–Stimulated Cytokine Responses in Undernourished Household Contacts in India.
- 2025 — Speaker/Moderator, Global Nutrition Council Special Session, ASN Nutrition 2025, Orlando, FL.
- 2023 — Invited Speaker, UC Davis Institute for Global Nutrition Seminar Series.
- 2022 — Invited Speaker, Penn State Nutritional Sciences Colloquium.
- 2017 — Invited Speaker, Emory University Rollins School of Public Health Global Health Seminar Series, Atlanta, GA.
- 2017 — Poster Presentation, ASN Annual Meeting, Chicago, IL.
- 2015 — Poster Presentation, Experimental Biology Conference, Boston, MA.

### **Local / Regional (Boston-Area Institutions)**

- 2024 — Invited Speaker, BU Department of Global Health Seminar Series.
- 2024 — Invited Speaker, BU Pardee Global Development Policy Center – Human Capital Initiative Symposium.
- 2024–2021 — Guest Lecturer, BU Sargent College and School of Public Health. Graduate lectures on Undernutrition in Women and Children in LMICs and Nutritional Epidemiology.
- 2022 — Panelist, BU Symposium: Nutrition is Medicine – Epidemiology to Global Application.
- 2019 — Panelist, BU Global Programs International Education Week – The Future of Food and Its Global Impact.
- 2019 — Guest Lecturer, Harvard T.H. Chan School of Public Health. Implementation Science in Nutrition.
- 2018 — Guest Lecturer, BU School of Public Health. Evaluation of an IYCF and MNP Intervention in Nepal.
- 2018 — Invited Speaker, Tufts Friedman School of Nutrition Science and Policy.
- 2017 — Guest Lecturer, Merrimack College; Harvard College Department of Human Evolutionary Biology.
- 2016–2014 — Guest Lecturer / Invited Speaker, Harvard T.H. Chan School of Public Health and Harvard College.
- 2013 — Invited Speaker, Future of Food and Nutrition Conference, Tufts University.
- 2012 — Invited Speaker, Nutrition Seminar, Harvard T.H. Chan School of Public Health.

## RESEARCH FUNDING

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**Funding.** As Principal Investigator I have secured the awards that established each of my four research platforms, including an active cluster-randomized SQ-LNS trial in Ghana, and I have four proposals pending as Contact PI, including an NIH/Fogarty R21/R33 (foundation decisions expected June–July 2026; the NIH/Fogarty R21/R33 scored in July 2026). On larger multi-component trials I serve as Lead Nutrition Investigator, directing the nutrition science on awards administered at BU and partner institutions — most substantially the TB-LION trial in India, the source of much of my published, policy-cited work. Grants are listed below by role.

### Active Research Grants

#### **Assessing the Performance of 7-Day vs. 1-Day Packaging for SQ-LNS in Ghana (SQLNS-7Dv1D)**

**Role:** Principal Investigator (BU prime; co-PI: Dr. Seth Adu-Afarwuah, University of Ghana, subaward)

**Collaborators in Ghana:** Olivia Mawunyo Timpo (Deputy Director, Nutrition Department, Family Health Division, Ghana Health Service); Annette Imohe (UNICEF Ghana; practicum student in the Global Nutrition Lab).

**Sponsor:** Edesia Nutrition (subaward; original funder: innocent Foundation Accelerating SQ-LNS Fund)

**Dates:** Aug 2025 – Sep 2027 (no-cost extension through 9/30/2027)

**Goal:** Cluster-randomized crossover trial evaluating performance, adherence, and acceptability of two SQ-LNS packaging formats among caregivers of young children in Northern Ghana.

**Dissemination to date:** Protocol presented to the SQ-LNS Task Force (the field's coordinating body for SQ-LNS evidence and global guidance) and at the U.S. National Academies' U.S.–Africa Frontiers of Science, Engineering, and Medicine Symposium (Dakar, 2026). Findings will inform Edesia's evaluation of 7-day vs. 1-day SQ-LNS packaging at scale. Three innocent Drinks staff will visit the trial site in Northern Ghana in September 2026 as part of the foundation's Impact Exchange programme.

#### **Integrating Nutrition into Pediatric Tuberculosis Prevention in Ghana: A Policy-Oriented Implementation Readiness Assessment**

**Role:** Co-Principal Investigator (with Dr. Meredith Brooks, BU School of Public Health)

**BU co-investigators:** Dr. Hayford M. Avedzi (Sargent College); Dr. Jacqueline Lauer (Sargent College)

**Collaborators in Ghana:** Dr. Seth Adu-Afarwuah, PhD (Site PI; Professor of Nutrition, University of Ghana); Dr. Gloria Folson, PhD (Senior Research Fellow and Head, Department of Nutrition, Noguchi Memorial Institute for Medical Research); Dr. Bernard Ziem (Programme Manager, National Tuberculosis Control Programme, Ghana Health Service).

**Sponsor:** Boston University Global Development Policy (GDP) Center, Human Capital Initiative

**Dates:** Feb 2026 – Jul 2026

**Goal:** Policy-oriented implementation readiness assessment and stakeholder co-design process to inform integration of SQ-LNS into Ghana's pediatric TB preventive treatment (TPT) platform.

**Pathway to scale:** Findings will directly inform a subsequent implementation trial of SQ-LNS integration into pediatric TPT and have informed pending submissions to the Weiss Asset Management Foundation (March 2026) and innocent Foundation (May 2026).

#### **Evaluation of “LEAD” Intervention for Mothers to Improve ECD and Reduce Stunting in India**

**Role:** Scientific Co-Lead (PI: A. Patel, Lata Medical Research Foundation)

**Sponsor:** DBT / Wellcome Trust India Alliance

**Dates:** Jan 2024 – Dec 2029 | LMRF-administered Wellcome Trust India Alliance award; no BU sub-award; my scientific co-lead role covers travel to India only

**Goal:** Multicomponent maternal–child nutrition and early childhood development intervention integrating the M-SAKHI mobile app, phone counseling, and an early childhood education and care (ECEC) curriculum in urban slums of Nagpur, Wardha, and Belagavi.

**PEDHATT (Pediatric Evaluation of the Dynamics of HIV, Anemia, and Tuberculosis Treatment), South Africa**

**Role:** Co-Investigator (PI: Brooks, BU School of Public Health)

**Sponsor:** BU Center for AIDS Research (CFAR) Pilot Award

**Dates:** Jul 2024 – Jun 2026

**Completed Research Grants (as PI / Co-PI)**

**Exploring the Potential for SQ-LNS Programming in Displaced Populations**

**Role:** Lead PI (Co-PIs: Hamer & Lauer) | **Sponsor:** BU Center for Forced Displacement

**Dates:** Jan–Dec 2024

**Micronutrients, Biomarkers of Gut Health, and Infant Growth in Zambia**

**Role:** Lead PI | **Sponsor:** BU Clinical and Translational Science Institute (CTSI)

**Dates:** Apr 2022–Mar 2024

**Micronutrient Deficiencies and IYCF (Nepal)**

**Role:** PI | **Sponsor:** U.S. CDC / McKing Consulting

**Dates:** Apr–Sep 2022

**Iron-Deficiency and Non-Iron-Deficiency Anemia in Pregnancy and Infant Health in Eastern Maharashtra, India**

**Role:** PI | **Sponsor:** Thrasher Research Fund

**Dates:** Apr 2020–Sep 2022

**Scaling Up Nutritional Interventions to Stop Tuberculosis in India**

**Role:** Co-Investigator (PI: Hochberg, BMC/SPH; Co-I: Kulatilaka, Questrom; India PI: Lakshminarayanan, JIPMER) | **Sponsor:** BU Foundation–India Seed Fund

**Dates:** 2019–Sep 2020

**Completed International Collaborations and Research Grants**

**Impact of Growth Charts and Nutritional Supplements on Child Growth in Zambia**

**Role:** Lead Nutrition Investigator (PI: G. Fink, Swiss TPH)

**Sponsor:** Sint Antonius Stichting | Dec 2019–Dec 2024

**Impact of Growth Charts and Nutritional Supplements on Micronutrient Status and Biomarkers of Gut Health in Zambia**

**Role:** Lead Nutrition Investigator (PI: Parkerson, IPA)

**Sponsor:** Children’s Relief International | Dec 2021–Dec 2024

**TB: Learning the Impact of Nutrition (TB-LION) in India**

**Role:** Lead Nutrition Investigator (PIs: Hochberg/Sinha, BMC)

**Sponsor:** Warren Alpert Foundation | Jan 2019–Dec 2024

**TB-LEOPARD**

**Role:** Co-Investigator (PI: Sinha, BMC)

**Sponsor:** Burroughs Wellcome Fund | Aug 2021–Dec 2025

### **VITAL-TB in India**

**Role:** Co-Investigator (PI: Hochberg)

**Sponsor:** Partnership 2020 / U.S. Dept of State | Jun 2019–May 2020

### **Pending Research Grants**

#### **ObaaPa: Strengthening Maternal and Child Nutrition through Digital Health in Ghana (R21/R33)**

**Role:** Contact Principal Investigator (MPI with Hayford M. Avedzi, BU)

**Sponsor:** NIH / Fogarty International Center

**Status:** Pending (submitted March 2026)

**Collaborators in Ghana:** Olivia Mawunyo Timpo (Deputy Director, Nutrition Department, Family Health Division, Ghana Health Service); Annette Imohe (UNICEF Ghana; practicum student in the Global Nutrition Lab).

**Proposed Dates:** Dec 2026 – Nov 2031

#### **Integrating SQ-LNS into Pediatric TB Preventive Treatment and TB Care Platforms in Northern Ghana**

**Role:** Contact PI (MPI with Seth Adu-Afarwuah, U. of Ghana; Meredith Brooks, BU SPH)

**Sponsor:** Weiss Asset Management Foundation

**Status:** Pending (submitted March 2026)

**Collaborators in Ghana:** Dr. Gloria Folson, PhD (Senior Research Fellow and Head, Department of Nutrition, Noguchi Memorial Institute for Medical Research); Dr. Adwoa Asante-Poku, PhD (Senior Research Fellow, Department of Bacteriology, Noguchi Memorial Institute for Medical Research; Co-PI of the EDCTP3 Pan-Africa TB genomic surveillance network); Dr. Bernard Ziem (Programme Manager, National Tuberculosis Control Programme, Ghana Health Service).

#### **Reaching the Missed Cohort: Integrating SQ-LNS into Ghana's Pediatric TB Platform for TB-Exposed Children Under Five in Northern Ghana**

**Role:** Contact Principal Investigator (MPI; co-PIs: Meredith Brooks, BU [TB]; Seth Adu-Afarwuah, U. of Ghana)

**Sponsor:** innocent Foundation Accelerating SQ-LNS Fund

**Status:** Pending (submitted May 2026; invitation-only RFP)

**Collaborators in Ghana:** Dr. Gloria Folson, PhD (Senior Research Fellow and Head, Department of Nutrition, Noguchi Memorial Institute for Medical Research); Dr. Adwoa Asante-Poku, PhD (Senior Research Fellow, Department of Bacteriology, Noguchi Memorial Institute for Medical Research; Co-PI of the EDCTP3 Pan-Africa TB genomic surveillance network); Dr. Bernard Ziem (Programme Manager, National Tuberculosis Control Programme, Ghana Health Service).

#### **Closing Ghana's CMAM (Community-based Management of Acute Malnutrition) Gap: Integrating SQ-LNS to Reach Moderately Wasted Children Below RUSF (Ready-to-Use Supplementary Food) Thresholds and Children at Post-Exit Relapse Risk**

**Role:** Contact PI (Co-PIs: Seth Adu-Afarwuah and Gloria Adobea Odei Obeng-Amoako, University of Ghana)

**Sponsor:** innocent Foundation Accelerating SQ-LNS Fund

**Status:** Pending (submitted May 2026; invitation-only RFP)

**Collaborators in Ghana:** Olivia Mawunyo Timpo (Deputy Director, Nutrition Department, Family Health Division, Ghana Health Service).

## TEACHING AND MENTORING

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I teach global health and nutrition science to Sargent undergraduates. My undergraduate training in history and African studies and graduate training in public health and nutritional epidemiology inform how I teach about health disparities — combining historical and structural context with evidence-based methods. Since arriving at Boston University in 2018, I have taught three distinct courses, developed two new undergraduate offerings, and mentored more than 20 undergraduate and master's students.

### Courses Taught

#### **HS 346 – Global Health Nutrition (Undergraduate, Sargent College); 2018–present**

**Enrollment:** 20–45 students per semester

Developed this core elective integrating global case studies with nutrition science. Taught 6 semesters.

#### **HS 444 – Child Health Programs in Low-Resource Settings (Undergraduate, Sargent College); 2019–present**

**Enrollment:** 12–20 students per semester

Created a new seminar for Health Science majors. Taught 5 semesters.

#### **HS 325 – Introduction to Global Health (Undergraduate, Sargent College); Fall 2018**

**Enrollment:** 78 students

Revised and taught existing undergraduate global health course.

### Mentoring

I supervised more than 20 undergraduate and master's students through the Global Nutrition Lab since 2018 across independent studies, directed research, practicums, and paid research assistantships. Seven students received BU Undergraduate Research Opportunity Program (UROP) awards; multiple lab students became co-authors on peer-reviewed publications (denoted by † in the publication list). I am also the primary academic advisor for approximately 25 students per semester.

#### **UROP Award Recipients:**

- Kledion Naksi (Summer 2023, Fall 2023 & Spring 2024): BU Global Challenge Research Award (awarded to only 1–3 undergraduates university-wide annually); presented “Creating and Analyzing Dietary Baseline Data to Measure Nutritional Adequacy of Indian Household Contacts of Diagnosed Tuberculosis Patients” at the National Conference on Undergraduate Research (NCUR)
- Sabrina Lundsgaard (Summer 2022)
- Rebecca Modell (Fall 2021)
- Annalie O'Brien (Summer 2021)
- Lydia Mahan (Summer 2021)
- Christina Paul (Summer 2020)
- Mathew Walker (Fall 2019)

#### **Current Lab Members:**

- Yaoan Leng – undergraduate, Molecular Biology (starting PhD in Biostatistics, Rutgers University, Fall 2026; co-first author on forthcoming publication)
- Gideon Gyampoh – MPH student (physician from Ghana; matched to Internal Medicine residency, Shannon Medical Center, San Angelo, TX)

#### **Selected Student Outcomes:**

- Elizabeth Katz† (MPH, co-authored publication) → Harvard T.H. Chan School of Public Health → Management Sciences for Health (M&E across 18 LMICs) → Population Health Manager, Cascadia Health
- Sabrina Lundsgaard† (BS Nutrition, UROP, co-authored publication) → MPH in Dietetics, University of Toronto (Dalla Lana School of Public Health)
- Miloni Shah† (MPH, co-authored 2 ASN posters + publication) → Biostatistician II, Duke Clinical Research Institute
- Abigail Gugel† (undergraduate mentee, then MPH; co-authored 2 ASN posters + publication; undergraduate student-athlete award; Delta Omega Honorary Society) → BSN, MGH Institute of Health Professions → RN/Triage Nurse, Centre Pediatrics
- Katherine Newell† (MS Nutrition, co-authored MCN systematic review) → Research Dietitian, Community Servings
- Yi Hsin (Rebecca) Lee (undergraduate) → Master's in International Public Health, Johns Hopkins Bloomberg School of Public Health
- Bailey Grinnell Vasselkiv (MPH, RA) → Research Data Analyst, Harvard T.H. Chan School of Public Health
- Alicia Goylski (undergraduate, practicum student) → Northwell Health → Harvard Chan MCH Leadership Fellowship → Associate Director, UnitedHealth Group
- My Linh Trujillo (undergraduate, independent study) → Optometry Student, New England College of Optometry
- Shuhan Yang (undergraduate, independent study) → ScM Candidate in Epidemiology, Johns Hopkins Bloomberg School of Public Health
- Pranay Sinha – MD, BU School of Medicine (Co-Scientific Mentor during Infectious Diseases Fellowship, 2021–22; now faculty, Boston Medical Center / Boston University)
- Khalifa Al-Hamad – MS Nutrition & Metabolism, BU School of Medicine (Advisor and First Reader, 2024)
- Mark Suprenant – PhD Biomedical Engineering, BU College of Engineering (Third Reader, completed 2023)

#### **International Mentoring:**

- Varsha Dhurde – Fogarty HBNU (Harvard–BU–Northwestern–University of New Mexico) Global Health Fellow in Maternal and Child Health, Lata Medical Research Foundation, India
- Shilpa Bhaise – Lata Medical Research Foundation, India (mentored; recipient of DINA Micronutrient Forum grant)
- Namita Patel – PhD candidate, Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), India

## **SERVICE, LEADERSHIP, AND POLICY IMPACT**

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### **International and National Roles**

- Chair – Global Nutrition Council (GNC), American Society for Nutrition, 2025–2027; Chair-Elect, 2024–2025
- Member – Operational Research Working Group, SQ-LNS Task Force, 2022–present
- Member – Undernutrition in TB Working Group, International Union Against TB and Lung Disease, 2023–present
- Member – Implementation Science Research Methods Working Group, Society for Implementation Science in Nutrition, 2018–2020
- Member – TIARA Affinity Research Collaborative (Tuberculosis Interdisciplinary Approach to Research Alliance), BU Evans Center for Interdisciplinary Biomedical Research, 2021–present

## Professional Societies

- American Society for Nutrition (ASN), Member, 2011–present (Chair, GNC, 2025–27; Chair-Elect, 2024–25; Early Career Rep, 2019–22)
- International Society for Research in Human Milk and Lactation (ISRHML), Member, 2018–present
- Society for Implementation Science in Nutrition, Member, 2018–2020
- International Union Against TB and Lung Disease (The Union), Member, 2020–present
- SQ-LNS Task Force, Operational Research Working Group, 2022–present

## Scientific Grant and Abstract Review

- Ad hoc Reviewer – Health Behavior & Context Study Section, NICHD (2024)
- Ad hoc Reviewer – Medical Research Council, United Kingdom (2018, 2023)
- Ad hoc Reviewer – Auckland Medical Research Foundation, New Zealand (2023)
- Ad hoc Reviewer – NICHD Special Emphasis Panels: “Role of Nutrition in Care and Development of Preterm Infants” and “Human Milk as a Biological System” (2022)

## Journal Peer Review

Ad hoc reviewer for: The American Journal of Clinical Nutrition, The Journal of Nutrition, The Journal of Pediatrics, BMJ Global Health, Current Developments in Nutrition, Public Health Nutrition, Maternal & Child Nutrition, Nutrients, British Journal of Nutrition, Global Public Health, BMC Infectious Diseases, Frontiers in Pediatrics.

## Institutional Service – Boston University

- Chair – Search Committee, Clinical Assistant Professor in Environmental Health / Data Science, 2023–24
- Member – Sargent College Task Force on Faculty Searches, 2024
- Faculty Board Member – BU Wheelock Institute for Early Childhood Well-Being, 2022–present
- Member – Curriculum Revision Committee, Health Science Program, 2019–2020 (revisions approved by faculty council Spring 2026; implementation Fall 2026)
- Member – Department of Health Sciences Search Committee, 2019–2020

## Policy and Global Health Impact

My research has directly informed global nutrition and TB policy through collaborations with WHO, UNICEF, and the U.S. CDC. Selected policy citations:

- **WHO (2025).** *Consolidated Guidelines on TB: Module 6 – Tuberculosis and Comorbidities.* Cites Sinha et al., 2022 (ROTI-TB) cost-effectiveness study.
- **UNICEF (2020).** *Programming Guidance: Complementary Feeding.* Cites Locks et al., 2017 (Nutrients) Madagascar study.
- **UNICEF (2023).** *Home Fortification with Multiple Micronutrient Powders.* References Locks et al., 2023 systematic review.
- **UNICEF (2023).** *Age Prioritization of Nutrition Interventions.* Draws on Locks et al., 2023 IYCF/home-fortification evidence.
- **UNICEF (2023).** *Regional Landscape on Young Children’s Diets in West and Central Africa.* References Locks et al., 2019.
- **U.S. CDC (2018–2023).** Programmatic reports on home fortification and anemia prevention draw on collaborative research in Nepal and DRC.

## Programmatic Reach

- Zambia SQ-LNS trials and other SQ-LNS research informed UNICEF- and foundation-funded LNS programs across Africa.
- ROTI-TB and TB-LION studies are shaping WHO guidance on nutrition–TB integration.
- Collaboration with the Ghana Health Service on ObaaPa is informing national digital nutrition counseling for the first 1,000 days and the integration of nutrition support into the national TB program.

## **MEDIA AND VISIBILITY**

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- “Dismantling USAID and Withdrawing from WHO ‘Will Cost Lives and Destroy Critical Infrastructure.’” Invited Expert Take (authored), The Brink, Boston University, 2025 — the public-facing companion to my first-authored AJCN commentary.
- Interviewee – Health Matters Podcast, BU Sargent College, Episode on “Building Global Collaborations in Nutrition Research,” 2025
- Featured in Le Monde (France), March 2025, as a primary scientific voice on the global health consequences of U.S. foreign-aid cuts and WHO withdrawal.
- “Strengthening Nutrition with Women and Children.” Inside Sargent, 2025; featured on BU Today homepage