

## ISABEL MADZORERA, SCD

### EDUCATION

---

<b>Doctor of Science (ScD)</b> , Nutrition Epidemiology Harvard T.H Chan School of Public Health	2019
<b>Master of Science</b> , Food Policy and Applied Nutrition Tufts Friedman School of Nutrition	2006
<b>Bachelor of Science</b> , Nutrition University of Zimbabwe, Nutrition	2000

### HONORS AND AWARDS

---

<b>American Society for Nutrition (ASN)</b> : Emerging Leaders in Nutrition Science Abstract Recognition Award Program (COVID-19 and Nutrition)	2021
<b>American Society for Nutrition (ASN)</b> : Nutrition Postgraduate Research Award Competition (PRAC) Finalist	2021
<b>Harvard College, Boston, USA</b> : Teaching Excellence Award	2018
<b>World Bank</b> , Margaret McNamara Memorial Fund (MMMF) Scholarship	2005

### APPOINTMENTS AND PROFESSIONAL EXPERIENCE

---

<b>University of California, Berkeley, CA</b> Assistant Professor, Nutrition, Department of Public Health	2022 to date
<b>Harvard University</b> , Boston, MA Research Associate, Department of Global Health, Funded by USAID Nutrition Innovation Lab	2019 to 2022
<b>UNICEF</b> , New York Consultant, UNICEF's Global guidance on infant and young child feeding (IYCF), Nutrition department	2018-2019
<b>Harvard University</b> , Boston, MA Phd Researcher, Departments of Nutrition and Global Health	2014-2019
<b>Harvard University</b> , Boston, MA Research Assistant, Department of Global Health	2016-2018
<b>Bill and Melinda Gates Foundation</b> , Seattle, WA Intern, Departments of Nutrition, Maternal and Child Health	2015-2016
<b>Center for International Forestry Research (CIFOR)</b> , Lusaka, Zambia Consultant, Food consumption studies	2014
<b>International Institute for Tropical Agriculture (IITA)</b> , Lusaka, Zambia Regional Nutrition Specialist	2011-2014
<b>Famine Early Warning Systems (FEWSNET)</b> , Lusaka, Zambia Deputy Country Representative	2010-2011

<b>Concern Worldwide</b> , Lusaka, Zambia <b>Consultant</b>	2009-2010
<b>World Bank</b> , Washington DC <b>Professional Associate</b>	2006-2008
<b>Save the Children</b> , Harare, Zimbabwe <b>Programme Manager</b>	2003-2004
<b>Farm Community Trust of Zimbabwe</b> , Harare, Zimbabwe <b>Programme Manager</b>	2002-2003
<b>Ministry of Health and Child Welfare</b> , Mvuma, Zimbabwe <b>District Nutrition Officer</b>	2002-2002

#### INVITED PRESENTATIONS

---

- **American Society for Nutrition: Invited Oral Presentation** **June 2021**  
*Oral Session Title:* Global Impact of COVID-19 in Nutrition (Oral 16)  
*Abstract Title:* Impact of COVID-19 on Nutrition, Food Security and Dietary Diversity and Quality in Burkina Faso, Ethiopia and Nigeria *Abstract Presentation Number:* OR16-01-21
- Invited Speaker On “*Impact of COVID-19 on Nutrition, Food Security and Dietary Diversity and Quality in Burkina Faso, Ethiopia and Nigeria*” at Partnerships in STEM Innovation and Future Africa: A Virtual Symposium. Boston, MA **June 2021**
- Invited Speaker On “*Measures of maternal diet quality in low- and middle-income countries*” at USAID Feed the Future Innovation Lab Nutrition Innovation Lab Webinar on “Metrics on Diet Quality”. Boston, MA. **June 2021**
- Invited speaker, *Nutritional epidemiology and global health: Focus on Low-and Middle-income regions*: Undergraduate class on Global Health Epidemiology. Department of Epidemiology and Biostatistics, Arnold School of Public Health. University of South Carolina **March 2021**
- Invited Speaker On “*Food Systems, Distance to Markets and Quality of Diets for Women: Evidence from Rural Tanzania*” GLOBAL FOOD+ Conference **February 2021**
- Invited speaker on “*Agriculture, Food Systems and Diets*” for Graduate class **ID 217: Nutrition & Global Health**, Department of Global Health and Population, Harvard T.H. Chan School of Public Health. Harvard University. **February 2021**
- Invited Speaker On “*Diet Quality for Women: Relation to Adverse Birth Outcomes in Tanzania*” at USAID Feed the Future Innovation Lab Webinar on Women’s Diets, Roles in Agriculture, and Nutrition. Boston, MA. **September 2020**
- Invited panelist; 2019 Nutrition and Global Health Symposium, on “*Food Systems as Drivers of Optimal Nutrition and Health*”. Harvard T.H. Chan School of Public Health, Harvard University **November 2019**

#### TEACHING AND MENTORING EXPERIENCE

---

<b>Harvard School of Public Health</b> , Boston <b>Instructional Fellow</b> , Department of Global Health	Jan-May 2021
--	--------------

**Harvard School of Public Health and Kennedy School of Government, Boston** 2020-2021  
**Co-Mentor, Walker study group Fellowship**

**Harvard School of Public Health, Boston** June - July 2017-2018  
**Teaching Assistant, Department of Global Health.**

**Harvard College, Cambridge** Jan – May, 2017-2018  
**Teaching Fellow, Department of Nutrition**

## **PUBLICATIONS**

---

1. **Madzorera I**, Ismail A, Hemler E, Korte M, Olufemi A, Wang D, Assefa N, Workneh F, Lankoande B, Chukwu A, Ouhire M, Mattei J, Soura A, Berhane Y, Sie A, Oduola A, Fawzi WW. Impact of COVID-19 on Nutrition, Food Security, and Dietary Diversity and Quality in Burkina Faso, Ethiopia and Nigeria. *Am J Trop Med Hyg* 2021.
2. **Madzorera I**, Jaacks L, Paarlberg R, Herforth A, Bromage S, Ghosh S, Myers SS, Masters WA, Fawzi WW: Food Systems as Drivers of Optimal Nutrition and Health – Complexities and Opportunities for Research and Implementation. *Curr Dev Nutr* 2021.
3. **Madzorera, I.**, Blakstad M. M, Bellows A. L., Canavan C. R., Mosha D., Bromage S., Noor R. A., Webb P., Ghosh S., Kinabo J., Masanja H., and Fawzi W.W. (2020). "Food Crop Diversity, Women's Income-Earning Activities, and Distance to Markets in Relation to Maternal Dietary Quality in Tanzania." *The Journal of Nutrition* 151(1): 186-196.
4. **Madzorera, I.**, S. Isanaka, M. Wang, G. I. Msamanga, W. Urassa, E. Hertzmark, C. Duggan and W. W. Fawzi (2020). "Maternal dietary diversity and dietary quality scores in relation to adverse birth outcomes in Tanzanian women." *The American Journal of Clinical Nutrition* 112(3): 695-706.
5. **Madzorera I**, Ghosh S, Wang M, Fawzi WW, Isanaka S, Hertzmark E, Namirembe G, Bashaasha B, Agaba E, Turyashemerwa F, Webb P, Duggan CP. Prenatal dietary diversity may influence underweight in infants in a Ugandan birth-cohort. *Matern Child Nutr.* 2021;e13127. <https://doi.org/10.1111/mcn.13127>
6. **Madzorera I**, Fawzi W: Women empowerment is central to addressing the double burden of malnutrition. *EClinicalMedicine* 2020
7. Kamenju P, **Madzorera I**, Hertzmark E, Urassa W, Fawzi WW. Higher Dietary Intake of Animal Protein Foods in Pregnancy is Associated with Lower Risk of Adverse Birth Outcomes. *J Nutr.* 2022. Epub 20220818. doi: 10.1093/jn/nxac183. PubMed PMID: 35981782
8. Laar AK, Addo P, Aryeetey R, Agyemang C, Zotor F, Asiki G, et al. Perspective: Food Environment Research Priorities for Africa-Lessons from the Africa Food Environment Research Network. *Adv Nutr.* 2022;13(3):739-47. doi: 10.1093/advances/nmac019. PubMed PMID: 35254411; PubMed Central PMCID: PMC9156374.
9. Paulo HA, Mosha D, Mwanyika-Sando M, Mboya IB, **Madzorera I**, Killewo J, et al. Role of dietary quality and diversity on overweight and obesity among women of reproductive age in Tanzania. *PLoS One.* 2022;17(4):e0266344. Epub 20220407. doi: 10.1371/journal.pone.0266344. PubMed PMID: 35390059; PubMed Central PMCID: PMC9045397.
10. Blakstad MM, Mosha D, Bellows AL, Canavan CR, Chen JT, Mlalama K, et al. Home gardening improves dietary diversity, a cluster-randomized controlled trial among Tanzanian women. *Maternal & Child Nutrition.* 2021;17(2):e13096. doi: <https://doi.org/10.1111/mcn.13096>.

11. Yang J, Wang M, Tobias DK, Rich-Edwards JW, Darling AM, Abioye AI, et al. Gestational weight gain during the second and third trimesters and adverse pregnancy outcomes, results from a prospective pregnancy cohort in urban Tanzania. *Reprod Health*. 2022;19(1):140. Epub 20220616. doi: 10.1186/s12978-022-01441-7. PubMed PMID: 35710384; PubMed Central PMCID: PMC9204988
12. Wang D, Chukwu A, Mwanyika-Sando M, Abubakari SW, Assefa N, **Madzorera I**, et al. Levels and determinants of COVID-19 vaccine hesitancy among sub-Saharan African adolescents. medRxiv. 2022:2022.05.18.22275274. doi: 10.1101/2022.05.18.22275274.
13. McCann J, Sinno L, Ramadhan E, Assefa N, Berhane HY, **Madzorera I**, et al. COVID-19 disruptions of food systems and nutrition services in Ethiopia: Evidence of the impacts and policy responses. medRxiv. 2022:2022.08.31.22279432. doi: 10.1101/2022.08.31.22279432.
14. Assefa N, Abdullahi YY, Abraham A, Hemler EC, **Madzorera I**, Dessie Y, Roba KT, Fawzi WW: Consumption of dietary folate estimates and its implication for reproductive outcome among women of reproductive age in Kersa: cross-sectional survey. *BMC nutrition* 2021, 7(1):1-10.
15. Assefa N, Abdullahi YY, Abraham A, Hemler EC, **Madzorera I**, Dessie Y, Roba KT, Fawzi WW: Dietary Iron Consumption Estimates Among Women Of Reproductive Age In Kersa, Eastern Ethiopia: Cross-Sectional Study. 2021.
16. Yang J, Wang M, Tobias DK, Rich-Edwards JW, Darling A-M, Abioye AI, Noor RA, **Madzorera I**, Fawzi WW: Dietary diversity and diet quality with gestational weight gain and adverse birth outcomes, results from a prospective pregnancy cohort study in urban Tanzania. *Maternal & Child Nutrition* 2021, n/a(n/a):e13300.
17. Hemler EC, Korte ML, Lankoande B, Millogo O, Assefa N, Chukwu A, Workneh F, Tinkasimile A, Lyatuu I, Soura A, **Madzorera I**, Vuai S, Baernighausen T, Mwanyika Sando M, Killewo J, Oduola A, Sie A, Berhane Y, Fawzi WW: Design and Field Methods of the ARISE Network COVID-19 Rapid Monitoring Survey. *Am J Trop Med Hyg* 2021.
18. Passarelli S, Ambikapathi R, Gunaratna NS, **Madzorera I**, Canavan CR, Noor RA, Tewahido D, Berhane Y, Sibanda S, Sibanda LM et al: The role of chicken management practices in children's exposure to environmental contamination: a mixed-methods analysis. *BMC Public Health* 2021, 21(1):1097.
19. Shinde, S., **I. Madzorera** and W. W. Fawzi (2021). "Association of iron supplementation and dietary diversity with nutritional status and learning outcomes among adolescents: Results from a longitudinal study in Uttar Pradesh and Bihar, India." *J Glob Health* 11: 04037.
20. Passarelli S, Ambikapathi R, Gunaratna NS, **Madzorera I**, Canavan CR, Noor AR, Worku A, Berhane Y, Abdelmenan S, Sibanda S et al: A Chicken Production Intervention and Additional Nutrition Behavior Change Component Increased Child Growth in Ethiopia: A Cluster-Randomized Trial. *The Journal of Nutrition* 2020.
21. Ambikapathi R, Passarelli S, **Madzorera I**, Canavan CR, Noor RA, Abdelmenan S, Tewahido D, Tadesse AW, Sibanda L, Sibanda S, Fawzi WW.: Men's nutrition knowledge is important for women's and children's nutrition in Ethiopia. *Maternal & Child Nutrition* 2021, 17(1):e13062.
22. Mosha D, Paulo HA, Mwanyika-Sando M, Mboya IB, **Madzorera I**, Leyna GH, Msuya SE, Bärnighausen TW, Killewo J, Fawzi WW: Risk factors for overweight and obesity among women of reproductive age in Dar es Salaam, Tanzania. *BMC Nutrition* 2021, 7(1):37.
23. Passarelli S, Ambikapathi R, Gunaratna NS, **Madzorera I**, Canavan CR, Noor AR, Tewahido D, Berhane Y, Abdelmenan S, Sibanda S, Sibanda LM, McConnell M, Sudfeld C, Davison K, Fawzi WW. The Role of Animal Husbandry Practices in Children's Exposure to Contamination: A Mixed Methods Analysis. Submitted to *American Journal of Tropical Medicine and Hygiene* (2020)

24. Ambikapathi R, Gunaratna NS, **Madzorera I**, Passarelli S, Canavan CR, Noor RA, Madzivhandila T, Sibanda S, Abdelmenan S, Tadesse AW et al: Market food diversity mitigates the effect of environment on women's dietary diversity in the Agriculture to Nutrition (ATONU) study, Ethiopia. *Public health nutrition* 2019, 22(11):2110-2119.
25. **Madzorera, I**, Duggan, C, Berthé, F, Grais, R.F, Isanaka, S. The role of dietary diversity in the response to treatment of uncomplicated severe acute malnutrition among children in Niger: a prospective study, *BMC Nutrition* (2018) 4: 35. <https://doi.org/10.1186/s40795-018-0242-y>
26. Passarelli S, Canavan C.R, Paarlberg R, Juma C.C, Akyeampong E, Fekadu H, Golden C.D, Gunaratna NS, Jaacks L.M, Kennedy E, **Madzorera I**, McCann J, Nwanze K, Sauerborn R, Tang L, Webb P, Willett W.C, Fawzi W.W, Harnessing University Strengths in Multi-Sectoral Collaborations for Planetary Health, *Current Developments in Nutrition*, (2018), nzy063, <https://doi.org/10.1093/cdn/nzy063>
27. Petraro P, **Madzorera I**, Duggan CP, Spiegelman D, Manji K, Kisenge R, Kupka R, Fawzi WW: Mid-arm muscle area and anthropometry predict low birth weight and poor pregnancy outcomes in Tanzanian women with HIV. *BMC pregnancy and childbirth*, 2018, 18(1):500.
28. Alene A, Khonje MG, Mwalughali J, Chafuwa C, Longwe A, Khataza R, Kapalasa E, **Madzorera I**, Gondwe T, Mussagy M *et al*: Baseline characterization of production and markets, technologies and preferences, and livelihoods of smallholder farmers and communities affected by HIV/AIDS in Mozambique. 2013: 49 pp.
29. F. James Levinson and **Isabel Madzorera**, (2005), Recent Experience in the Monitoring and Evaluation of Nutrition-Related Projects in Developing Countries: Nine Lessons Learned (Paper presented at 18th International Congress of Nutrition, Durban, South Africa, 2005).
30. Peter Walker and **Isabel Madzorera** (2005), External evaluation of the Oxfam International Humanitarian Consortium, Feinstein International Famine Centre, Tufts University
31. **Madzorera, I.**, Blakstad M. M, Bellows A. L., Canavan C. R., Mosha D., Bromage S., Noor R. A., Webb P., Ghosh S., Kinabo J., Masanja H., and Fawzi W.W. (2020). " Women's input and decision-making in agriculture are associated with their diet quality in rural Tanzania." Draft to *Lancet EClinical Medicine* Journal

#### ***Conference Posters and Presentations***

1. Madzorera, I, Duggan, C, Berthé, F, Grais, R.F, Isanaka, S, The role of dietary diversity in the response to treatment of uncomplicated severe acute malnutrition among children in Niger: a prospective study. Presented at Harvard T.H. Chan School of Public Health, 2017.
2. Madzorera, I, Gunaratna, N, Ambikapathi, R, Passarelli, S, Noor, R, Canavan, C, Sibanda, S, Madzivhandila, T, Worku, A, Berhane, Y, Abdelmenan, S, Majele Sibanda, L, and Fawzi, W, Women's empowerment is associated with improved women's dietary diversity in Ethiopia. Presented at the Agriculture for Nutrition and Health Symposium, Nepal, 2017.
3. Madzorera, I, Maziya-Dixon, B, Chikoye, D, Sakala, P, Ofodile, S, Dietary diversity for women and children in households affected by HIV/AIDS in Zambia. Presented at CGIAR Science Forum on Agricultural Research, Nutrition and Health, Bonn, Germany, 2013.

#### **PROFESSIONAL AFFILIATIONS**

---

American Society for Nutrition (ASN), 2014-Present