

CURRICULUM VITAE
ELIZABETH OPIYO ONYANGO

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PROFILE

Critical interdisciplinary scholar and population health researcher connecting research with interventional community work to address social inequalities and injustices to people's health and wellbeing and with the goal of creating healthy and sustainable communities. Innovative university instructor drawing on 8+ years of local and international research, teaching using experiential pedagogical methods, and community work experience at multiple levels: grassroots, NGO, academia, and international agencies.

EDUCATION

- 2019 Doctor of Philosophy (Ph.D), Health Geography, University of Waterloo, Ontario, Canada. Thesis title: *"Exploring Health and Wellbeing in a Low-to-Middle Income Country: A Case Study of Kenya"*
- 2011 Master of Public Health, Epidemiology and Population Health, Maseno University, Kenya. Thesis title: *Adherence to Artemisinin-Based Combination Therapy (ACT) for Treatment of Uncomplicated Malaria in Southeast Alego, Karemo Division, Siaya District, Kenya"*
- 2007 BSc., Environmental Science, Kenyatta University, Kenya. Research Project title: *Drinking Water Quality and Perceived Health Effects among Residents of Southwest Alego, Uranga Division, Siaya, District.*

Specific training of relevance

- 2017 Certificate in Fundamentals of University Teaching, Center for Teaching Excellence, University of Waterloo.

TEACHING EXPERIENCE

University and college teaching

- 2022 Assistant Professor, Healthy and Sustainable Communities, University of Alberta, Edmonton, AB, Canada.
- 2022 Graduate Assistant, Transformative Social Work Course in the Faculty of Community Services, Ryerson University, Toronto, ON, Canada.
- 2021 Assisted course designer with course design, set-up, teaching, group facilitation, technological pieces of conducting simulation, and other experiential learning activities in the pilot offering of the SK 8124 Anti-Black Racism, Social Work Course, Faculty of Community Services, Ryerson University, Toronto, ON, Canada.
- 2015-2019 Teaching Assistant, Department of Geography and Environmental Management, University of Waterloo, 200 University Avenue West, N2L 3G1, ON, Canada.
- 2013-2015 Assistant Professor, School of Nursing and Midwifery, Masinde Muliro University of Science and Technology, Kenya.

- 2012-2013 Assistant Professor, School of Public Health, University of Eastern Africa, Baraton, Kenya.
- 2010-2015 Adjunct Professor, Department of Clinical Medicine, Siaya Medical Training Institute, Siaya County, Kenya.
- 2013-2015 Adjunct Professor, Department of Public Health, School of Public Health and Biomedical Sciences, Maseno University, Kenya.
- 2013-2014 Adjunct Professor, Department of Community Development, School of Public Health and Health Sciences, Jaramogi Oginga Odiga University of Science and Technology, Kisumu, Kenya.

COURSES TAUGHT

Graduate level students

- 2023 (Winter) SPH 546 Leadership & Professional Skills II, School of Public Health, University of, Alberta, Edmonton, Canada.
- 2022 (Fall) MACE/SPH 503 Methods of Community-Based Research/Health Promotion Research Methods, School of Public Health, University of, Alberta, Edmonton, Canada.
- 2021 (Fall) SK 8124 Anti-Black Racism, Social Work Course, Faculty of Community Services, Ryerson University, Toronto, ON, Canada.
- 2014/2015 PHT 821 Community-Based Health Care, Master of Public Health Students, School of Public Health and Biomedical Science, Maseno University, Kenya.

Undergraduate Level

- 2022 (Winter) SWP 341 Transformative Social Work Course in the Faculty of Community Services, Ryerson University, Toronto, ON, Canada.
- 2014/2015 NUR 300 Introduction to Epidemiology, BSc. Nursing Student, School of Nursing and Midwifery, Masinde Muliro University of Science and Technology, Kenya.
- 2014/2015 NUR 301 Introduction to Biostatistics, BSc. Nursing Student, School of Nursing and Midwifery, Masinde Muliro University of Science and Technology, Kenya.
- 2014/2015 NUR 309 Research Methods in Nursing, BSc. Nursing Student, School of Nursing and Midwifery, Masinde Muliro University of Science and Technology, Kenya.
- 2016 (Winter) GEOG 101 Geography and Human Habitat, Department of Geography and Environmental Management, University of Waterloo.
- 2017 (Winter) GEOG 225 Global and environmental health, Department of Geography and Environmental Management, University of Waterloo.
- 2018 (Fall) GEOG 278 Applied Statistics for Environmental Research, Department of Geography and Environmental Management, University of Waterloo.
- 2018 (Winter) GEOG 293 Professional and scholarly practice in geography, Department of Geography and Environmental Management, University of Waterloo.

Diploma level

2010-2015 Community diagnosis and experiential learning and research, Department of Clinical Medicine, Siaya Medical Training Institute, Kenya.

RESEARCH POSITIONS

- 2021 Research Fellow, Balsillie School of International Affairs and Wilfrid Laurier University working in the MiFOOD research project. In working in this multinational project, I lead and collaborate with the project team in the production of project deliverables including technical report writing, data analysis, grant writing, research methodology training, and leading project team meetings and communications. Furthermore, my work in this project focuses on examining the different drivers, dimensions, and vulnerabilities of internal and international migrant to food insecurity in the global South and Global North and evaluating the food security policies in the different countries where I have gained experience in policy reviews and writing of policy briefs for governments and policy makers.
- 2021 Postdoctoral fellow/Research Assistant at Ryerson University focusing on racism and racial inequalities in Canadian school system and experiences of Black Youth in schools in Waterloo Region. Furthermore, I am currently Co-Investigator in a partner engagement grant exploring COVID-19 pandemic and food (in)security in African Caribbean Black Identifying households in the Waterloo Region. In this project, I am working together with a team of researchers at Ryerson and the Kingdom Community International, a community church/organization to evaluate the effects of the pandemic on Black Identifying households using Afrocentric methodologies.
- 2019 Post-Doctoral and Early Career Research Fellow on Urbanization, Sustainability and Food Security in the Global South with the Hungry Cities Partnership, BSIA & Wilfrid Laurier University. In this role, my research work focused on the role of formal and informal social protection systems in boosting food security status of urban households and effects of COVID-19 on household food security in countries in the Global South.
- 2020 Research Analyst, Mennonite Economic Development Associate (MEDA), Waterloo, Ontario. Actively involved in the monitoring and Evaluation of MEDA's project in Nigeria – The Nigeria-WAY project. Analyzed both qualitative and quantitative baseline, semi-annual and annual project survey data in Power BI for the women and youth economic empowerment project. Used the analyzed data to produce a range of project deliverables for this major grant program ranging from project reports to learning agenda papers to outputs for donors, clients, and other stakeholders.
- 2019 Researcher (note-taker, FGD moderator, and data analyst) – Gender synergy project/Innovating for Maternal and Child Health in Africa, IDRC project at Cape Breton University, Nova Scotia, Canada.

Community work experience

- 2019-2022 Direct Social Support Professional Relief, Parents for Community Living, Kitchener-Waterloo Inc, 30 Dupont Street East, Waterloo, ON. Supporting children and adults with special needs together with their families in providing social, personal and health related needs. Instrumental in integration of children with special needs in the community through active involvement in sports, public library visits and involvement in intercultural community events
- 2011-2014 Project manager, LifeStraw Family Project, Kisumu, Kenya. A study on "Effectiveness of zinc fortified drinking water on zinc intake, status and morbidity of rural Kenyan pre-school children." In this position, I managed an international nutrition project. I collaborated with researchers in nutrition and maternal and child health in designing,

implementing, and evaluating the study protocol. Also, I managed and mentored project finance and logistics, a team of research assistants, field officers and data clerks and conducted monitoring and evaluation of the project for quality data collection and adherence to study protocol.

2014-2015 Project manager, Orphans and Vulnerable Children Project, Pamoja Community-Based Organization (CBO), Kisumu County, Kenya. I oversaw project logistics and coordinated the implementation of the project supporting 3600 orphaned children, youths, and their families, identifies project activities, planned project activities, and together with the M&E officer, conducted the semi-annual and the annual project monitoring and evaluation.

SCHOLARLY AND PROFESSIONAL ACTIVITIES

2022 Member of Edmonton Food Council, City Council of Edmonton, Alberta, Canada

2022 Board of Directors, Pamoja Community-Based Organization (CBO), Kisumu County, Kenya.

2020 Board member, African Community Wellness Initiative (ACWI) in Waterloo, Ontario, Canada.

2020 Associate member, Tshepo Institute for the Study of Contemporary Africa.

2019 Students and Young Professional Network (SYPN) representative, Vic Neufeld Mentorship award in Global Health Research 2019 Search Committee for Canadian Coalition for Global Health Research (CCGHR).

2019 Students and Young Professional Network (SYPN) Executive Committee, Conferences and Events Organizer. Supporting the student chapters and young professionals in organizing and planning for in-person and virtual events to allow for sharing of ideas, research work, and to build networks while also promoting the application of Canadian Coalition for Global Health Research (CCGHR) principles for global health research.

2014 Co-developed Master of Global Health Curriculum, Department of Community Health and Management, School of Nursing, Masinde Muliro University of Science and Technology.

2013 Curriculum Development – created a Master of Public Health Program, Department of Public Health, University of Eastern Africa, Baraton.

PUBLICATIONS

Refereed Journal Articles

2023 **Onyango, E. O.** & Elliott S. J. (Under Review). Are we afraid of being alone? Victims or perpetrators, agency, and politics of intimate partner violence in the social construction of health and wellbeing. *Sexual Reproductive and Health Matter Journal*.

2023 **Onyango, E. O.**, Owusu, B., and Crush, J. (Under Review). COVID-19 related household food insecurity experiences and coping strategies in urban households in Ghana: Evidence from the World Bank High-Frequency Phone Survey. *MDPI, Land Special Issue "Impacts of COVID-19 on Urban Food Security"*

- 2022 **Onyango, E. O.**, & Elliott, S. J. (2022). Traversing the geographies of displacement, livelihoods, and embodied health and wellbeing of senior women in Kenya. Under review in *Wellbeing and Place journal*.
- 2022 **Onyango, E. O.**, Crush, J., & Owuor, S. (Forth coming). Determinants of migrant household diet diversity and experiences of food price change in the Global south: A case of Nairobi City, Kenya. In *Journal of Social Science & Medicine*.
- 2021 **Onyango, E. O.**, Crush, J., & Owuor, S. (2021). Preparing for COVID-19: Household food insecurity and vulnerability to shocks in Nairobi, Kenya. *Plos one*, 16(11), e0259139.
- 2021 **Onyango, E. O.**, Crush, J., & Owuor, S. (2021). Migration, Rural–Urban Connectivity, and Food Remittances in Kenya. *Environments*, 8(9), 92.
- 2020 **Onyango, E. O.**, & Elliott, S. J. (2020). Bleeding Bodies, Untrustworthy Bodies: A Social Constructionist Approach to Health and Wellbeing of Young People in Kenya. *International Journal of Environmental Research and Public Health*, 17(20), 7555.
- 2020 **Onyango E. O.** & Kangmennaang, J., 2020. Wellbeing in Place. In: Kobayashi, A. (Ed.), *International Encyclopedia of Human Geography*, 2nd edition. vol. 14, Elsevier, pp. 265–272. <https://dx.doi.org/10.1016/B978-0-08-102295-5.10443-3> ISBN: 9780081022955.
- 2018 Kangmennaang, J., **Onyango, E. O.**, Luginaah, I., & Elliott, S. J. (2018). The next Sub-Saharan African epidemic? A case study of the determinants of cervical cancer knowledge and screening in Kenya. *Social Science & Medicine*.
- 2018 Kujinga, P., Galetti, V., **Onyango, E. O.**, Jakab, V., Buerkli, S., Andang'o, P., Brouwer, I.D., Zimmerman, M.B. and Moretti, D. (2018). Effectiveness of zinc-fortified water on zinc intake, status, and morbidity in Kenyan pre-school children: a randomized controlled trial. *Public health nutrition*, 1-11. doi:10.1017/S1368980018001441.
- 2017 Kujunga, P., Borgonjen-van den Berg, K.J., Superchi, C., Ten Hove, H.J., **Onyango, E.O.**, Andang'o, P., Galetti, V., Zimmerman, M.B., Moretti, D., Brouwer, I.D. (2017). Combining food-based dietary recommendations using Optifood with zinc fortified water potentially improves nutrient adequacy among 4- to 6-year-old children in Kisumu West district, Kenya. *Maternal & child nutrition*, 14(2), e12515.
- 2013 Allan R Were, Felix N Kioli, Kennedy Onkware, **Elizabeth O Onyango**, Sussy Gumo and Ouma C. (2013). Factors in the management of feeding in nursery schoolchildren as perceived by their mothers in rural Bondo County, Kenya. *BMC International Health and Human Rights*, 13:47.
- 2012 **Onyango E.O.**, George A., Watsierah C.A., Were T., Okumu W., Anyona S.B., Raballah E., Orinda G.O. and Ouma C. (2012). Factors associated with non-adherence to Artemisinin-based Combination Therapy (ACT) to malaria in a rural population from holoendemic region of western Kenya. *BMC Infectious Diseases*, 12:143.

Book Chapters (Refereed)

- 2022 Ramachandra, S., Crush, J., Tawodzera, G. and **Onyango, E.** (2022). Pandemic food precarity, crisis-living and translocality: Zimbabwean migrant households in South Africa during COVID-19. South African Migration Programme (SAMP), International Migration Research Centre, Balsillie School of International Affairs, Waterloo, Ontario, Canada. <https://samponline.org/wp-content/uploads/2022/11/SAMP85.pdf>

- 2022 Onyango, E. O. [Forthcoming] “Foods on the move? Migrant household diet diversity and strategies to mitigate household food insecurity: Evidence from Nairobi, Kenya, and Mexico City” in Crush, J., eds. Springer Nature, Springer Publishing.
- 2021 **Onyango E. O.** (2021). *Managing livelihood in displacement: The politics of landownership, food security, and embodied health and wellbeing by senior women in Kenya*. In Gender Climate Change and Livelihoods. Publisher: CABI <https://www.cabi.org/what-we-do/publishing/>.

Research & Technical Reports

- 2021 **Onyango, E.**, Crush, J. and Owuor, S. (2021). Urban Food Security and Household Shocks in Nairobi, Kenya HCP Discussion Paper No. 47, Waterloo, and Cape Town.
- 2020 **Onyango, E.O** (2020). *Life skills for program girls: The Nigeria WAY learning agenda series*. Mennonite Economic Development Associate (MEDA), Waterloo, ON.
- 2020 **Onyango, E.O** (2020). *A rapid assessment of the impacts COVID-19 on women-led savings and loaning groups and gendered implications on household and business decision making*. MEDA, Waterloo, ON.

FELLOWSHIPS, GRANTS, HONOURS, AND AWARDS

- 2022 Principal Investigator, Government of Canada – Women and Gender Equality (WAGE), Canada Grant - Perspective of Service Providers from Immigrant Service Organizations on Service Gaps, Needs, and Solutions to Addressing Oppressive Forms of Masculinity that Contribute to Gender-Based Violence among Immigrant and Refugee Populations (\$40,000)
- 2022 Principal Investigator, Killam Research Operating Grant - Voices of the underrepresented: Engagement of African immigrants in municipal and community initiatives against food insecurity in the City of Edmonton, Alberta (\$7,000)
- 2022 Principal Investigator, School of Public Health, University of Alberta, Start-up Fund. (\$40,000)
- 2022 Co-investigator in a Canadian Institute for Health Research (CIHR) grant - Assessing and Mitigating the Food Insecurity Consequences of COVID-19 Public Health Measures on Marginalized Refugees and Migrants in Canada, Latin America, and Africa (\$499,999).
- 2021 Co-Investigator in Social Sciences and Humanities Research Council (SSHRC) Partner Engage Covid-19 – Food Insecurity among households of African Descent in Waterloo Region (\$25,000).
- 2021 Research fellowship, MiFood Project, Balsillie School of International Affairs/Wilfrid Laurier University, Waterloo, ON, Canada (\$37,500).
- 2019 Queen Elizabeth Advanced (A-D) Postdoctoral Fellowship award, Hungry Cities Partnership (HCP), Balsillie School of International Affairs/Wilfrid Laurier University, Waterloo, ON, Canada (\$36,000).
- 2019 Canadian Association of Geographers (CAG) Travel Award to attend CAG conference at Winnipeg (\$370). HeForShe Travel Award to Attend the CAG (\$75).
- 2018 CAG travel Award to attend CAG conference in Quebec City (\$350).

- 2017 Best PhD oral presentation award at the 2017 Canadian Association of Geographers (CAG) Conference at York University, ON, Canada (\$200).
- 2015 Queen Elizabeth II Scholarship Award for PhD Training at the University of Waterloo, ON, Canada (\$160,000).
- 2013 Best lecturer of the year in the Department of Public Health, University of Eastern Africa, Baraton, Kenya (\$100).
- 2011 Health Africa Development Co-operation Organization Scholarship (HADCO), Finland to visit Seinajoki University of Applied Sciences as an Exchange Student (\$10,000).
- 2010 Competitive Science, Technology and Innovative (ST & I) Grant Fund, Kenya for Master of Public Health (Epidemiology and Population health) research (\$2,000).

INVITED TALKS, CONFERENCE PRESENTATIONS, AND PANEL DISCUSSIONS

- 2022** **Onyango, E. O.**, Oba, F., and Crush, J. *Afrocentrism and an eco-social approach in exploration of food insecurity experiences of racialized populations in Ontario, Canada*. Canadian Conference for Global Health Research Conference (21st – 23rd November, 2022), Toronto, Canada. (Abstract accepted for paper presentation).
- 2022** **Onyango, E. O.** (15th November, 2022). Delicate bodies at risk of soiling themselves : Menstrual hygiene management in LMICs. United Nations University – Institute for Water and Environmental Health, Water Without Borders Programme.
- 2022** **Onyango, E. O.** (15th September, 2022). Food (in)security of migrant households in Canada : Opportunities and challenges for community initiatives post-pandemic. Presentation to the Community University Partnership, Steering Committee Meeting, University of Alberta, Edmonton, Canada.
- 2019** **Onyango, E. O.**, & Elliott S. J. (2019). *Are we afraid of being alone? The politics of gender-based violence – health and wellbeing of middle-aged Kenyans*. Canadian Association of Geographers Conference, (27th – 31st May), University of Winnipeg, MN, Canada.
- 2019** **Onyango, E. O.** (2019). *Principles for global health research: Promoting equity informed choices through research in Kenya*. “Hawks Think Global”: Global Health Awareness conference (23rd March). Invited Co-leader, Canadian Coalition for Global Health Research (CCGHR) Workshop at Global Health Awareness Laurier Initiative (GHALI) Conference, Wilfrid Laurier University, ON, Canada.
- 2018** **Onyango, E. O.** (2018). *Aging in low-and middle-income countries: A case of Kenya*. Panelist, Aging Research panel discussion, International Geographical Union/Canadian Association of Geographers (IGU/CAG) Conference (6th – 10th August), Quebec City, QC, Canada.
- 2018** **Onyango, E. O.**, & Elliott, J. S. (2018). *“Bleeding bodies”, “untrustworthy bodies”? Health and wellbeing of female youths in Kenya*. International Geographic Union/Canadian Geographers Association (IGU/CAG) Conference (6th – 10th August), Quebec City, QC, Canada.
- 2017** **Onyango, E. O.** (2017). Panelist, Panel discussion, Menstrual Hygiene Day, University of Waterloo (26th May), Waterloo, ON, Canada.

- 2017** **Onyango, E. O., & Elliott, J. S.** (2017). *What is health and wellbeing anyway? A regional divide in the lay perceptions and meaning of health and wellbeing in Kenya.* Canadian Association of Geographers (CAG) Conference (29th May – 2nd June), York University, ON, Canada.
- 2016** **Onyango, E. O., & Elliott, J. S.** (2016). *Health-wellbeing Nexus: An ecological and life course perspective in theorization and conceptualization of health and wellbeing.* Canadian Association of Geographers – Ontario Division (CAGONT) Conference (28th – 29th October), University of Waterloo, Waterloo, ON, Canada.
- 2016** **Onyango, E.O.** and Elliott, J.S. *Health-Wellbeing Nexus: An Ecological and Life Course Perspective in Theorization and Conceptualization of Health and Wellbeing,* CAGONT conference, (December 2016).
- 2012 **Onyango, E.O.** *A Study of Adherence to Artemisinin-Based Combination Therapy (ACT) for Treatment of uncomplicated malaria in Southeast Alego, Karemo Division, Siaya District, Kenya.* Annual Scientific and Health (KASH) Conference, KEMRI Headquarters, Nairobi (30th March 2012).

STUDENT SUPERVISION AND MENTORSHIP

Graduate Student ----- 3 (current mentorship, University of Alberta)
 Undergraduate students supervised ----- 12.
 Diploma in Clinical Medicine Students supervised ----- 8.

SKILLS

Personal qualities:

- Aptitude to learn and adapt to new systems and environment obtained through work and international experience.
- Well-organized, visionary educator and leader, goal-oriented, analytical, and problem-solving skills obtained from my work experience both in community and academic environments.
- An independent worker but also a team player with the ability to effectively work in multidisciplinary teams including academic settings.

Transferrable skills:

- Excellent oral and written communication skills essential in class delivery with experience in the use of experiential teaching and learning methods acquired through working and teaching locally and internationally.
- Extensive experience with qualitative research and critical analysis of qualitative data, knowledge transmission and translation skills obtained through training, work experiences, and personal interest.

Technical skills:

- ***Virtual meetings:*** Skype Business, Zoom, Google Hangout, Google Classroom, Google meet
- ***Docs and Presentations:*** Advanced Office, Google suite, PowerPoint
- ***Surveys, polls, data collections:*** Doodle, survey monkey, iFormBuilders
- ***Project Management:*** Teamwork.com, Trello, SharePoint, GoogleDrive, Dropbox
- ***Productivity:*** Calendly and advanced Outlook
- ***Data analysis:*** SPSS, STATA, Power BI, MS Excel and NVIVO
- ***Communication:*** Google hangout, Slack and MS Teams.

Languages: English, Swahili (fluent), and Luo (mother tongue).