



Curriculum Vita

September 2026

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EDUCATION

Postgraduate Certificate in Higher Education (PGCHE), University of Sunderland, Sunderland, United Kingdom, 2024.

Postdoctoral Research Fellowship (Medical Education), University of Limerick, Limerick, Ireland, 2022–2023.

Doctor of Philosophy (PhD) in Medical and Health Sciences, University of Pécs, Pécs, Hungary, 2022.

Master of Public Health (MPH), Kenyatta University, Nairobi, Kenya, 2016.

Bachelor of Science (BSc) in Environmental Health, Kenyatta University, Nairobi, Kenya, 2009.

TEACHING EXPERIENCE

September 2026–Present, Assistant Professor of Epidemiology, Department of Health and Human Performance, East Texas A&M University, Commerce, Texas, USA.

Courses taught: Infectious Disease Epidemiology; Applied Data Analysis for Epidemiology; Advanced Epidemiology.

2024–2026, Lecturer in Public Health, University of East Anglia, Norwich, United Kingdom.

Course taught: Introduction to Public Health.

2023–2024, Lecturer and Module Lead in Public Health, University of Sunderland, Sunderland, United Kingdom.

Courses taught: Research Methods; Epidemiology and Health Measurements; Dissertation.

2013–2018, Lecturer in Public Health (Part-Time), Laikipia University, Laikipia, Kenya.

Courses taught: Introduction to Public Health; Epidemiology; Community Health.

PUBLICATIONS

Onchonga, D., Mir, A., Salehabadi, R., MahdaviFar, N., Yazdi, K., & MoghaddamHosseini, V. (2026). Prevalence of elder abuse and associated factors among older adults attending urban health centres in Golestan Province, Iran. *Discover Public Health*, 23, Article 1058. <https://doi.org/10.1186/s12982-026-02461-5>

Abdalla, M. E., Taha, M. H., Onchonga, D., Preston, R., Barber, C., Green-Thompson, L., Taylor, D., Cameron, E., Woollard, R., & Boelen, C. (2025). Instilling social accountability into the health professions education curriculum with international case studies: AMEE Guide No. 175. *Medical Teacher*, 47(7), 1083–1096. <https://doi.org/10.1080/0142159X.2024.2412098>

Alfatafta, H., Alfatafta, M., Onchonga, D., Khatatbeh, H., Amer, F., Than, P., Molics, B., Boncz, I., & Ács, P. (2025). Activity level and quality of life among patients undergoing knee replacement surgery. *Health Problems of Civilization*, 19(1), 39–46. <https://doi.org/10.5114/hpc.2024.137425>

- Ihedike, C., Olamilekan, J. A., & Onchonga, D. (2025). Awareness of air pollution effects on cardiopulmonary health among students at University of Sunderland. *IOSR Journal of Multidisciplinary Research*, 2(2), 17–27.
- Abdalla, M. E., Taha, M. H., Onchonga, D., Magzoub, M. E., Au, H., O'Donnell, P., Neville, S., & Taylor, D. (2024). Integrating the social determinants of health into curriculum: AMEE Guide No. 162. *Medical Teacher*, 46(3), 304–316. <https://doi.org/10.1080/0142159X.2023.2254920>
- Nour, N., Onchonga, D., Neville, S., O'Donnell, P., & Abdalla, M. E. (2024). Integrating the social determinants of health into graduate medical education training: A scoping review. *BMC Medical Education*, 24, Article 565. <https://doi.org/10.1186/s12909-024-05394-2>
- Abdalla, M. E., Taha, M. H., Onchonga, D., Nour, N., Kelly, D., Harney, S., & McGrath, D. (2024). Exploring strategies, programs, and influencing factors for integrating social accountability into undergraduate medical education: A scoping review. *BMC Medical Education*, 24, Article 1107. <https://doi.org/10.1186/s12909-024-06072-z>
- Onchonga, D., & Abdalla, M. E. (2023). Integrating social determinants of health in medical education: A bibliometric analysis study. *Public Health*, 224, 58–65. <https://doi.org/10.1016/j.puhe.2023.09.005>
- Onchonga, D. (2022). Monkeypox viral disease outbreak in non-endemic countries in 2022: What clinicians and healthcare professionals need to know. *Saudi Pharmaceutical Journal*, 30(10), 1417–1419. <https://doi.org/10.1016/j.jsps.2022.09.008>
- Onchonga, D., & Bhaskar, L. (2022). 2019 SARS-CoV-2 (COVID-19) pandemic and mental health: Challenges to homeless children and youths. *International Journal of Preventive Medicine*, 13, Article 47. https://doi.org/10.4103/ijpvm.IJPVM_508_20
- Macharia, J. M., Gakenye, G. W., Rozmann, N., Onchonga, D., Mwangi, R. W., Kaposztas, Z., Mathenge, J. M., Pusztai, D., Pinter, M., Sugar, M., & Raposa, B. L. (2022). An empirical assessment of the factors influencing acceptance of COVID-19 vaccine uptake between Kenyan and Hungarian residing populations: A cross-sectional study. *Scientific Reports*, 12, Article 22262. <https://doi.org/10.1038/s41598-022-26824-5>

- Hammoud, S., Onchonga, D., Amer, F., & Kocsis, B. (2022). The burden of communicable diseases in Lebanon: Trends in the past decade. *Disaster Medicine and Public Health Preparedness*, 16(5), 1725–1727. <https://doi.org/10.1017/dmp.2021.200>
- Alfatafta, H., Alfatafta, M., Onchonga, D., Hammoud, S., Khatatbeh, H., Zhang, L., Boncz, I., Lohner, S., & Molics, B. (2022). Effect of the knee replacement surgery on activity level based on ActivPAL: A systematic review and meta-analysis study. *BMC Musculoskeletal Disorders*, 23, Article 576. <https://doi.org/10.1186/s12891-022-05531-2>
- Amer, F., Hammoud, S., Onchonga, D., Alkaiyat, A., Nour, A., Endrei, D., & Boncz, I. (2022). Assessing patient experience and attitude: BSC-PATIENT development, translation, and psychometric evaluation—A cross-sectional study. *International Journal of Environmental Research and Public Health*, 19(12), Article 7149. <https://doi.org/10.3390/ijerph19127149>
- Khatatbeh, H., Pakai, A., Al-Dwaikat, T., Onchonga, D., Amer, F., Prémusz, V., & Oláh, A. (2022). Nurses' burnout and quality of life: A systematic review and critical analysis of measures used. *Nursing Open*, 9(3), 1564–1574. <https://doi.org/10.1002/nop2.936>
- Alfatafta, H., Onchonga, D., Alfatafta, M., Zhang, L., Boncz, I., Lohner, S., & Molics, B. (2021). Effect of using knee valgus brace on pain and activity level over different time intervals among patients with medial knee OA: Systematic review. *BMC Musculoskeletal Disorders*, 22, Article 687. <https://doi.org/10.1186/s12891-021-04513-0>
- Hoang, H. H., Tran, A. T. N., Nguyen, V. H., Nguyen, T. T. B., Nguyen, T. A. P., Le, D. D., Jatho, A., Onchonga, D., Duong, T. V., Nguyen, M. T., & Tran, B. T. (2021). Attention deficit hyperactivity disorder (ADHD) and associated factors among first-year elementary school students. *Journal of Multidisciplinary Healthcare*, 14, 997–1005. <https://doi.org/10.2147/JMDH.S301091>
- Khatatbeh, H., Al-Dwaikat, T., Oláh, A., Onchonga, D., Hammoud, S., Amer, F., Prémusz, V., & Pakai, A. (2021). The relationships between paediatric nurses' social support, job satisfaction and patient adverse events. *Nursing Open*, 8(6), 3575–3582. <https://doi.org/10.1002/nop2.907>

- Onchonga, D., Ngetich, E., Makunda, W., Wainaina, P., Wangeshi, D., & Pakai, V. (2021). Anxiety and depression due to SARS-CoV-2 among frontline healthcare workers in Kenya. *Heliyon*, 7(3), Article e06351. <https://doi.org/10.1016/j.heliyon.2021.e06351>
- Onchonga, D., Alfatafta, H., Ngetich, E., & Makunda, W. (2021). Health-seeking behaviour among pregnant women during the COVID-19 pandemic: A qualitative study. *Heliyon*, 7(9), Article e07972. <https://doi.org/10.1016/j.heliyon.2021.e07972>
- Onchonga, D., Keraka, M., MoghaddamHosseini, V., & Várnagy, Á. (2021). Does institutional maternity care contribute to fear of childbirth? A focus group interview study. *Sexual & Reproductive Healthcare*, 28, Article 100669. <https://doi.org/10.1016/j.srhc.2021.100669>
- Onchonga, D., Hammoud, S., Kuriakose, S., & Muhammad, E. A. (2021). Exploring fear of childbirth in Kenya through evaluation of the readability of the Wijma Delivery Expectancy/Experience Questionnaire Version A (W-DEQ-A). *Sexual & Reproductive Healthcare*, 27, Article 100605. <https://doi.org/10.1016/j.srhc.2021.100605>
- Onchonga, D. (2021). Prenatal fear of childbirth among pregnant women and their spouses in Kenya. *Sexual & Reproductive Healthcare*, 27, Article 100593. <https://doi.org/10.1016/j.srhc.2020.100593>
- Onchonga, D., Várnagy, Á., Amer, F., Pakai, V., & Wainaina, P. (2021). Translation and validation of the Swahili version of the Wijma Delivery Expectancy/Experience Questionnaire Version A (W-DEQ-A). *Sexual & Reproductive Healthcare*, 29, Article 100626. <https://doi.org/10.1016/j.srhc.2021.100626>
- Onchonga, D., Khatatbeh, H., Thurania, M., Lennox, K., & Venkatesh, M. B. R. (2020). Assessing the usability of a willingness to quit smoking questionnaire in a sample of active tobacco smokers: A qualitative study. *Journal of Addictive Diseases*, 38(4), 501–508. <https://doi.org/10.1080/10550887.2020.1800891>
- Onchonga, D., Omwoyo, J., & Nyamamba, D. (2020). Assessing the prevalence of self-medication among healthcare workers before and during the 2019 SARS-CoV-2 (COVID-19) pandemic in Kenya. *Saudi Pharmaceutical Journal*, 28(10), 1149–1154. <https://doi.org/10.1016/j.jsps.2020.08.003>

- Onchonga, D. (2020). A Google Trends study on the interest in self-medication during the COVID-19 pandemic. *Saudi Pharmaceutical Journal*, 28(7), 903–904. <https://doi.org/10.1016/j.jsps.2020.06.007>
- Onchonga, D., Várnagy, Á., Keraka, M., & Wainaina, P. (2020). Midwife-led integrated pre-birth training and its impact on fear of childbirth: A qualitative interview study. *Sexual & Reproductive Healthcare*, 25, Article 100512. <https://doi.org/10.1016/j.srhc.2020.100512>
- Onchonga, D., MoghaddamHosseini, V., Keraka, M., & Várnagy, Á. (2020). Prevalence of fear of childbirth in a sample of gravida women in Kenya. *Sexual & Reproductive Healthcare*, 24, Article 100510. <https://doi.org/10.1016/j.srhc.2020.100510>
- Onchonga, D. (2019). Social variations in tobacco products consumption in Kenya: The influence of education, employment status and gender. *Tobacco Induced Diseases*, 17, Article 30. <https://doi.org/10.18332/tid/111651>
- Onchonga, D. (2019). The enormities and consequences of tobacco use among youths in resource-limited settings in Kenya. *Tobacco Induced Diseases*, 17, Article 47. <https://doi.org/10.18332/tid/112082>
- Smith, S., Koech, R., Nzorubara, D., Otieno, M., Wong, L., Bhat, G., van den Bogaart, E., Thurairanira, M., Onchonga, D., & Rinke de Wit, T. F. (2019). Connected diagnostics: Linking digital rapid diagnostic tests and mobile health wallets to diagnose and treat brucellosis in Samburu, Kenya. *BMC Medical Informatics and Decision Making*, 19, Article 139. <https://doi.org/10.1186/s12911-019-0854-4>

RESEARCH GRANTS AND AWARDS

2022–2023, Postdoctoral Research Fellowship (Medical Education), University of Limerick, Ireland

2018–2022, Stipendium Hungaricum Doctoral Scholarship, Government of Hungary