Nana Ama Frimpomaa Agyapong

Lecturer · Department of Clinical Nutrition and Dietetics
University of Cape Coast

ORCID 0000-0002-3036-6578 · Google Scholar scholar.google.com/citations?user=1L4VW7QAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/d419bed7-668e-4893-bee5-29cf166acd44

PROFILE

A committed and hardworking educator and researcher with interest in Public Health research, Nutrition Epidemiology, Nutrition Immunology and Food Environment

RESEARCH

Interests	food environment · obesity · chronic diseases · nutrition and health in marginalized groups
Areas	Public Health, Environmental and Occupational Health · Nutrition and Dietetics · Physiology · Clinical Psychology · General Health Professions · Health

RESEARCH SUMMARY

26	232	8	6	1.42	14%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 26 publications listed below, 2017–2026. Field-weighted impact is the mean over the 22 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 22 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer/Dr. 2022–present
Clinical Nutrition and Dietetics, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2017–2021
Biochemistry and Biotecnology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Mphil. Human Nutrition and Dietetics 2015–2017
Biochemistry and Biotechnology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Bachelor of Education(Home Economics, Food and nutrition) 2010–2014
VOTEC, University of Cape Coast, Cape Coast, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Ghana Academy of Nutrition and Dietetics 2021–present
Accra, Ghana

Ghana Academy of Nutrition and Dietetics 2021–present
Accra, Ghana

PUBLICATIONS

Journal articles 24

1. Abigail Nana Ama Twekuwa Hayford, Christiana Nsiah-Asamoah, Jessica Ayensu, **Nana Ama Frimpomaa Agyapong**, Eric Komla Anku, Abdul Aziz Mohammed, Selina Atayoko (2026). Edible Insect Phobia and Associated Factors Among Women of Reproductive Age in the Central Region of Ghana: A Cross Sectional Study. *Integrated Health Research Journal*. https://doi.org/10.47963/ihrj.v3i1.2033
2. Jessica Ayensu, Kasim Abdulai, **Nana Ama Frimpomaa Agyapong**, Ivan Addae-Mensah, Isaac Anane, Christiana Nsiah-Asamoah (2026). Food vendors in the school foodscape: roles, challenges and opportunities for improving child nutrition. *Journal of Public Health Research*. https://doi.org/10.1177/22799036261474137
3. Abigail Nana Ama Twekuwa Hayford, **Nana Ama Frimpomaa Agyapong** (2026). Parents' subjective understanding, use, reasons for non-use and perceived effectiveness of food labelling formats in Germany: a cross-sectional study of the Nutri-score …. *BMC Public Health*. https://doi.org/10.1186/s12889-026-29571-8
4. Abigail Nana Ama Twekuwa Hayford, Benjamin Akwasi Konja, Livingstone Agyapong, **Nana Ama Frimpomaa Agyapong**, Kwame Kumi Asare (2026). Socioeconomic Disparities in Self-Reported Breast and Cervical Cancer Diagnosis and Treatment Among Women of Reproductive Age: A National Survey. *Integrated Health Research Journal*. https://journal.ucc.edu.gh/index.php/ihrj/article/view/2156
5. Benjamin Akwasi Konja, **Nana Ama Frimpomaa Agyapong**, Emmanuel Kweku Ocran, Gloria Anyimadu, Livingstone Agyapong, Kwame Kumi Asare (2026). Targeting childhood malaria: insights from multi-country DHS data in Sub-Saharan Africa. *BMC Pediatrics*. https://doi.org/10.1186/s12887-026-07245-z
6. Abigail Nana Ama Twekuwa Hayford, **Nana Ama Frimpomaa Agyapong**, Robert Aidoo, Charles Apprey, Linda Nana Esi Aduku, Elizabeth C Swart (2025). Characterising 'obesogenic' versus 'protective' food consumption and their value chain among Ghanaian households. *Public Health Nutrition*. https://doi.org/10.1017/s1368980025000114
7. Abigail Nana Ama Twekuwa Hayford, Guy Eshun, Kutum Comfort Madah, Gifty Williams, **Nana Ama Frimpomaa Agyapong** (2025). Nutrient Content and Organoleptic Qualities of "Brukina" Prepared with Corn Agglomerates and "Brukina" Prepared with Millet Agglomerates. *Current Journal of Applied Science and Technology*. https://doi.org/10.9734/cjast/2025/v44i64569
8. Abigail Nana Ama Twekuwa Hayford, **Nana Ama Frimpomaa Agyapong**, Anne Marie Thow, Elizabeth Catherina Swart (2024). Background commentary on the Researching the Obesogenic Food Environment (ROFE) project. *Public Health Nutrition*. https://doi.org/10.1017/s136898002300280x
9. **Nana Ama Frimpomaa Agyapong**, Reginald Adjetey Annan, Florian Kroll, Charles Apprey, Linda Nana Esi Aduku, Robert Aidoo, Elizabeth Catherina Swart (2024). Food acquisition and consumption by NOVA food classification and lived poverty index among rural and urban households in South Africa and Ghana. *Public Health Nutrition*. https://doi.org/10.1017/s1368980024002118
10. Laura Booi, Sarah Gregory, Katie Bridgeman, Katie Willingham, Michaela Davies, **Nana Agyapong**, Auswell Amfo-Antiri, Maritza Pintado-Caipa, Natalie Jenkins, Harris A. Eyre, Li Su, Brian Lawlor, Graciela Muniz-Terrera, Francesca R. Farina (2024). Protocol for the next generation brain health survey on attitudes, understanding, and exposure to brain health risk factors in young adults globally. *Discover Public Health*. https://doi.org/10.1186/s12982-024-00362-z
11. Sarah Gregory, Auswell Amfo-Antiri, **Nana Ama Frimpomaa Agyapong**, Michaela Davies, Samuel O. Danso, Francesca R Farina, Stina Saunders, Katie Wells, Katie Willingham, Laura Booi (2023). Co-production in the PREVENT Next Generation Study: methodology and outcomes. *Alzheimer s & Dementia*. https://doi.org/10.1002/alz.077949
12. Abigail Nana Ama Twekuwa Hayford, **Nana Ama Frimpomaa Agyapong**, Linda Cobbah (2023). Dietary Habits and Nutritional Challenges of the Elderly in Ghana. *Journal of Nutrition and Metabolism*. https://doi.org/10.1155/2023/3011067
13. Abigail Nana Ama Twekuwa Hayford, Francis Zumesew, Ebenezer Bugyei Akoto, Edward Ahiakwah,

Belinda Baidoo, **Nana Ama Frimpomaa Agyapong**, Joseph Boachie, Patrick Adu (2023). Exploring the perspective of young adults about anaemia prevention; the contributions of knowledge about at-risk groups and consequences of anaemia. *BMC Public Health*. https://doi.org/10.1186/s12889-023-16980-2

14. Abigail Nana Ama Twekuwa Hayford, **Nana Ama Frimpomaa Agyapong**, Guy Eshun (2023). Food consumption by NOVA food classification, metabolic outcomes, and barriers to healthy food consumption among university students. *Food Science & Nutrition*. https://doi.org/10.1002/fsn3.3894

15. Abigail Nana Ama Twekuwa Hayford, Kasim Abdulai, Jessica Ayensu, **Nana Ama Frimpomaa Agyapong**, Awal Seidu Mohammed, Christiana Nsiah-Asamoah, Moses Kwashie Klevor, Gloria Boakyewaa Darko, Patricia Nkrumah (2023). Knowledge, attitudes, and practices regarding anaemia among pregnant women attending antenatal clinic at the University of Cape Coast hospital in the Cape Coast Metropolis, Ghana. *Integrated Health Research Journal*. https://doi.org/10.47963/ihrj.v1i2.1372

16. Abigail Nana Ama Twekuwa Hayford, Chujun Huang, Zhenzhen Xu, Min Wang, Ji Guo, Yonggao Mou, Chengcheng Guo, Qunying Yang, Fang Ma, Suyun Li, Desmond Omane Acheampong, Christiana Nsiah-Asamoah, Jessica Ayensu, **Nana Ama Frimpomaa Agyapong**, Erdong Yuan, Maojin Yao, Jiaoyan Ren (2023). Soypeptide supplementation attenuates weight loss and improves quality of life among brain cancer patients in a pilot study. *Food Frontiers*. https://doi.org/10.1002/fft2.242

17. Godsway Forh, Charles Apprey, **Nana Ama Frimpomaa Agyapong** (2022). Nutritional knowledge and practices of mothers/caregivers and its impact on the nutritional status of children 6–59 months in Sefwi Wiawso Municipality, Western-North Region, Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e12330

18. **Nana Ama Frimpomaa Agyapong**, Reginald Adjetey Annan, Charles Apprey, Linda Nana Esi Aduku (2020). Body Weight, Obesity Perception, and Actions to Achieve Desired Weight among Rural and Urban Ghanaian Adults. *Journal of Obesity*. https://doi.org/10.1155/2020/7103251

19. Abigail Nana Ama Twekuwa Hayford, Solomon Adjetey Sowah, Charles Apprey, **Nana Ama Frimpomaa Agyapong**, Satoru Okonogi, Taro Yamauchi, Takeshi Sakurai (2020). Relationship between breakfast consumption, BMI status and physical fitness of Ghanaian school-aged children. *BMC Nutrition*. https://doi.org/10.1186/s40795-020-00344-9

20. **Nana Ama F. Agyapong**, Reginald A. Annan, Charles Apprey, Linda N. E. Aduku, Elizabeth C. Swart (2020). The association between dietary consumption, anthropometric measures and body composition of rural and urban Ghanaian adults: a comparative cross-sectional study. *BMC Nutrition*. https://doi.org/10.1186/s40795-020-00339-6

21. Abigail Nana Ama Twekuwa Hayford, Elizabeth Catherina Swart, Reginald Adjetey Annan, Anne Marie Thow, David Neves, Charles Apprey, Linda Nana Esi Aduku, **Nana Ama Frimpomaa Agyapong**, Jean-Claude Moubarac, Andries du Toit, Robert Aidoo, David Sanders (2019). Mapping Obesogenic Food Environments in South Africa and Ghana: Correlations and Contradictions. *Sustainability*. https://doi.org/10.3390/su11143924

22. **Nana Ama Frimpomaa Agyapong**, Reginald Adjetey Annan, Charles Apprey (2018). Assessment of Food and Nutrient Provision within Prisons in the Ashanti Region of Ghana. *Asian Food Science Journal*. https://doi.org/10.9734/afsj/2018/43579

23. **Nana Agyapong**, Reginald Annan, Charles Apprey (2018). Cardiovascular Disease Risk Factors among Older Prisoners in the Ashanti Region of Ghana. *Cardiology and Angiology An International Journal*. https://doi.org/10.9734/ca/2018/40399

24. **Nana Ama Frimpomaa Agyapong**, Reginald Adjetey Annan, Charles Apprey (2017). Prevalence of risk factors of cardiovascular diseases among prisoners: a systematic review. *Nutrition & Food Science*. https://doi.org/10.1108/nfs-06-2017-0114

Reports 1

1. Abigail Nana Ama Twekuwa Hayford, Yussif Owusu Aboagye, **Nana Ama Frimpomaa Agyapong**, Justice Afrifa, Akwasi Anyanful (2026). Burden and associated factors of urinary tract infections among pregnant women in Ghana: a systematic review and meta-analysis. *Systematic Reviews*. https://doi.org/10.1186/s13643-026-03351-2

Theses 1

1. **Nana Ama Frimpomaa Agyapong** (2017). Metabolic Syndrome Parameters and their Associated Factors among Older Prisoners in the Ashanti Region of Ghana. *HOME ECONOMICS*. https://scholar.google.com/scholar?cluster=7207600178167917780&hl=en&oi=scholarr