Samuel Asiedu Owusu

Associate Professor · Directorate of Research, Innovation and Consultancy
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RESEARCH

Interests: Child health · Sexual and reproductive health · population and health · mobile phones · bioethics

Areas: General Health Professions · Sociology and Political Science · Pediatrics, Perinatology and Child Health · Public Health, Environmental and Occupational Health · Information Systems · Clinical Psychology

RESEARCH SUMMARY

51	1,148	16	21	4.74	40%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 51 publications listed below, 2011–2026. Field-weighted impact is the mean over the 40 works scored for it; 1.00 is the world average for works of the same field, type and year. 16 of the 40 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Associate Professor 2023–present
Directorate of Research, Innovation and Consultancy, University of Cape Coast, Cape Coast, Ghana

Senior Research Fellow 2019–present
Directorate of Research, Innovation and Consultancy, University of Cape Coast, Cape Coast, Ghana

Research Fellow 2018–2019
Directorate of Research, Innovation and Consultancy, University of Cape Coast, Cape Coast, Ghana

Assistant Research Fellow 2008–2018
Directorate of Research, Innovation and Consultancy, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Master of Philosophy 2006–2009
Population and Health, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 49

1. Benjamin Otsen, **Samuel Asiedu Owusu**, Justice Odoi, David Oscar Yawson, Frederick Ato Armah (2026). Democratic governance, public service satisfaction, and health equity in Africa: a multivariate statistical analysis. *Archives of Public Health*. https://doi.org/10.20944/preprints202602.1121.v1
2. Mudasir Mohammed Ibrahim, Rashidatu Monne, Alhassan Alhassan, Aminatu Baba Abdul-Kadir Abdul-Kadir, Christiana Atame, Abubakari Wuni, Adnan Alhassan Jambedu, **Samuel Owusu**, Christopher Ababio-Boamah, Iddrisu Sisala Mohammed, Abdul-Malik Abdulai (2026). Lifetime Prevalence, Patterns, and Associated Factors of Psychoactive Substance Abuse Among Commercial Male Tricycle Drivers in

Northern Ghana: A Cross-Sectional Survey. *Pan Africa Science Journal*. https://doi.org/10.47787/stzvwm55

3. Elysee Nouvet, Mary Ndu, Bridget Pratt, Gabriela Arguedas Ramirez, Barbara Prainsack, Unni Karunakara, Jantina DeVries, **Samuel Asiedu Owusu**, Caesar Atuire (2026). Meanings and practices of solidarity in global health: a qualitative investigation - study protocol. *BMJ Open*. https://doi.org/10.1136/bmjopen-2024-095243
4. Janelle M Wagnild, **Samuel Asiedu Owusu**, Simon Mariwah, Victor I Kolo, Ahmed Vandi, Didacus Bambaiha Namanya, Rutendo Kuwana, Babatunde Jayeola, Vigil Prah-Ashun, Moji Christianah Adeyeye, James Komeh, David Nahamya, Kate Hampshire (2025). Can public education campaigns equitably counter the use of substandard and falsified medical products in African countries? *Health Policy and Planning*. https://doi.org/10.1093/heapol/czaf004
5. **Samuel Asiedu Owusu**, Claudia Passos-Ferreira (2025). Licensing competent children to assist institutional review boards. *Journal of Medical Ethics*. https://doi.org/10.1136/jme-2024-109910
6. Janelle M. Wagnild, **Samuel Asiedu Owusu**, Simon Mariwah, Victor I. Kolo, Ahmed Vandi, Didacus Bambaiha Namanya, Rutendo Kuwana, Babatunde Jayeola, Kate Hampshire (2025). Logics of acquiring medicines from informal retailers in four African countries. *Global Health Action*. https://doi.org/10.1080/16549716.2025.2574764
7. Kate Hampshire, Heather Hamill, Simon Mariwah, **Samuel Asiedu Owusu**, Daniel Amoako-Sakyi, Gerry Mshana (2025). Medicines in motion: An ethnographic exploration of the informal cross-border pharmaceutical trade in Africa. *Social Science & Medicine*. https://doi.org/10.1016/j.socscimed.2025.118327
8. **SA Owusu** (2024). Ethical implications of the widespread use of informal mHealth methods in Ghana. *Journal of medical ethics*.
9. Paa-Kwesi Blankson, Florence Akumiah, Amos Laar, Lisa Kearns, **Samuel Asiedu Owusu** (2024). The informed consent process: An evaluation of the challenges and adherence of Ghanaian researchers. *Developing World Bioethics*. https://doi.org/10.1111/dewb.12447
10. **Samuel Asiedu Owusu** (2023). Ethical implications for children's exclusion in the initial COVID-19 vaccination in Ghana. *Global Bioethics*. https://doi.org/10.1080/11287462.2023.2168170
11. Peter Kessels Dadzie, Gladys Ama Quartey, **Samuel Owusu**, Obed Persie Appiah-Kubi, Paul Benedict Inkum (2023). Rattan and cane furniture production in Ghana: evaluating the perceived successes and constraints of the business from two major cities. *International Wood Products Journal*. https://doi.org/10.1080/20426445.2023.2265246
12. Benjamin DAMOAH, Sagini KEENGWE, **Samuel OWUSU**, Clement YEBOAH, Francis KEKESSIE (2023). The Global Climate and Environmental Protest: Student Environmental Activism a Transformative Defiance. *International Journal of Environmental Sustainability and Social Science*. https://doi.org/10.38142/ijesss.v4i4.734
13. **Samuel Asiedu Owusu** (2022). Ethical implications of the widespread use of informal mHealth methods in Ghana. *Journal of Medical Ethics*. https://doi.org/10.1136/medethics-2021-107920
14. **Samuel A. Owusu**, Bernard Ekumah, Ruby V. Kodom, Nancy I. Ebu Enyan, Irene Korkoi Aboh, Reginald Quansah, Sheila A. Boamah, Godfred O. Boateng, Dorcas Obiri-Yeboah, David T. Doku, Epaphrodite Nsabimana, Stefan Jansen, Frederick A. Armah (2022). Parenting practices and family relationships during the COVID-19 lockdown in Ghana. *Journal of Public Health in Africa*. https://doi.org/10.4081/jphia.2022.1849
15. **Samuel Asiedu Owusu**, Grace Addison, Barbara Redman, Lisa Kearns, Paul Amuna, Amos Laar (2021). Assessment of the Operational Characteristics of Research Ethics Committees in Ghana. *Journal of Empirical Research on Human Research Ethics*. https://doi.org/10.1177/15562646211051189
16. Samuel Iddi, Dorcas Obiri-Yeboah, Irene Korkoi Aboh, Reginald Quansah, **Samuel Asiedu Owusu**, Nancy Innocentia Ebu Enyan, Ruby Victoria Kodom, Epaphrodite Nsabimana, Stefan Jansen, Benard Ekumah, Sheila A. Boamah, Godfred Odei Boateng, David Teye Doku, Frederick Ato Armah (2021). Coping strategies adapted by Ghanaians during the COVID-19 crisis and lockdown: A population-based study.

PLoS ONE. https://doi.org/10.1371/journal.pone.0253800

17. **SAMUEL ASIEDU OWUSU**, KK Agyemang, Collins A Mensah, PK Odame (2021). Drivers' cycling experiences and acceptability of micromobility use among children in Ghana. *Built Environment*. https://www.ingentaconnect.com/content/alex/benv/2021/00000047/00000004/art00003

18. Simon Mariwah, Albert Machistey Abane, **Samuel Asiedu Owusu**, Adetayo Kasim, Elsbeth Robson, Michele Castelli, Kate Hampshire (2021). Formalising 'informal' mHealth in Ghana: Opportunities and challenges for Universal Health Coverage (UHC). *Global Public Health*. https://doi.org/10.1080/17441692.2021.1874467

19. Kate Hampshire, Tawonga Mwase-Vuma, Kassahun Alemu, Albert Abane, Alister Munthali, Tadesse Awoke, Simon Mariwah, Elita Chamdimba, **Samuel Asiedu Owusu**, Elsbeth Robson, Michele Castelli, Ziv Shkedy, Nicholas Shawa, Jane Abel, Adetayo Kasim (2021). Informal mhealth at scale in Africa: Opportunities and challenges. *World Development*. https://doi.org/10.1016/j.worlddev.2020.105257

20. **SA Owusu** (2021). Maternal and non-maternal caregivers' practices in drug administration to children during illness. *Child Care in Practice*.

21. Albert Machistey Abane, Simon Mariwah, **Samuel Asiedu Owusu**, Adetayo Kasim, Elsbeth Robson, Kate Hampshire (2021). Mobile phone use and the welfare of community health nurses in Ghana: An analysis of unintended costs. *World Development Perspectives*. https://doi.org/10.1016/j.wdp.2021.100317

22. Godfred O. Boateng, David Teye Doku, Nancy Innocentia Ebu Enyan, **Samuel Asiedu Owusu**, Irene Korkoi Aboh, Ruby Victoria Kodom, Benard Ekumah, Reginald Quansah, Sheila A. Boamah, Dorcas Obiri-Yeboah, Epaphrodite Nsabimana, Stefan Jansen, Frederick Ato Armah (2021). Prevalence and changes in boredom, anxiety and well-being among Ghanaians during the COVID-19 pandemic: a population-based study. *BMC Public Health*. https://doi.org/10.1186/s12889-021-10998-0

23. Caesar A. Atuire, Grace Addison, **Samuel Asiedu Owusu**, Patricia Kingori (2021). "Covid Cure (1)": Anas's Investigative Journalism and the Ethics of Uncovering Fakes in African Spaces. *Journal of African Cultural Studies*. https://doi.org/10.1080/13696815.2021.1940887

24. Bernard Ekumah, Frederick Ato Armah, David Oscar Yawson, Reginald Quansah, Florence Esi Nyieku, **Samuel Asiedu Owusu**, Justice Odoiquaye Odoi, Abdul-Rahaman Afitiri (2020). Disparate on-site access to water, sanitation, and food storage heighten the risk of COVID-19 spread in Sub-Saharan Africa. *Environmental Research*. https://doi.org/10.1016/j.envres.2020.109936

25. Joseph Kweku Adjei, Vigil Ahormegah, Alex Kissi Boateng, Harry Kwaku Megbenu, **Samuel Owusu** (2020). Fast, easy, cheap, robust and safe method of analysis of Sudan dyes in chilli pepper powder. *Heliyon*. https://doi.org/10.1016/j.heliyon.2020.e05243

26. Hoavo Hova, Huanxiong Yang, **Samuel Owusu** (2019). An extended theory of gravity in a modified Riemann's geometry. *International Journal of Geometric Methods in Modern Physics*. https://doi.org/10.1142/s0219887819500671

27. **Samuel Asiedu Owusu**, Rebecca Asiedu Owusu, Kate Hampshire (2019). Maternal and Non-maternal Caregivers' Practices in Drug Administration to Children during Illness. *Child Care in Practice*. https://doi.org/10.1080/13575279.2019.1664986

28. Gina Porter, Kate Hampshire, Albert Abane, Alister Munthali, Elsbeth Robson, Ariane De Lannoy, Augustine Tanle, **Samuel Owusu** (2019). Mobile phones, gender, and female empowerment in sub-Saharan Africa: studies with African youth. *Information Technology for Development*. https://doi.org/10.1080/02681102.2019.1622500

29. **Samuel Asiedu Owusu** (2019). "Do unto others what you want … ": Reciprocity and childcare in the Kumasi metropolis of Ghana. *Journal of Psychology in Africa*. https://doi.org/10.1080/14330237.2019.1647502

30. Gina Porter, Kate Hampshire, Albert Abane, Alister Munthali, Elsbeth Robson, Augustine Tanle, **Samuel Owusu**, Ariane de Lannoy, Andisiwe Bango (2018). Connecting with home, keeping in touch: physical and virtual mobility across stretched families in sub-Saharan Africa. *Africa*. https://doi.org/10.1017/s0001972017000973

31. Kannyiri Banyen, Yaw Afriyie, **Samuel Owusu** (2018). Online Firms' Management of Customer Risk and

Risk Perceptions in Ghana: Evidence from Selected Online Firms. *International Journal of Computer Applications*. https://doi.org/10.5120/ijca2018917940

32. Gina Porter, Kate Hampshire, Ariane de Lannoy, Andisiwe Bango, Alister Munthali, Elsbeth Robson, Augustine Tanle, Albert Abane, **Samuel Owusu** (2018). Youth Livelihoods in the Cellphone Era: Perspectives from Urban Africa. *Journal of International Development*. https://doi.org/10.1002/jid.3340
33. S Mariwah, Akwasi Kumi-Kyereme, A Tanle, K Esia-Donkoh, **SA Owusu** (2017). Knowledge, attitudes and barriers towards prevention of mother-to-child transmission of HIV in Ghana. *UDS International Journal of Development*. https://udsijd.org/index.php/udsijd/article/view/151
34. **SAMUEL ASIEDU OWUSU**, Akwasi Kumi-Kyereme, Simon Mariwah, Kobina Esia-Donkoh, O. S. Asiedu, JJ Lamptey (2017). Preferences for antiretroviral therapy services: Qualitative evidence from people living with HIV in Ghana. *Ghana Journal of Geography*.
35. Kate Hampshire, Gina Porter, Simon Mariwah, Alister Munthali, Elsbeth Robson, **Samuel Asiedu Owusu**, Albert Abane, James Milner (2016). Who bears the cost of 'informal mhealth'? Health-workers' mobile phone practices and associated political-moral economies of care in Ghana and Malawi. *Health Policy and Planning*. https://doi.org/10.1093/heapol/czw095
36. **Samuel Asiedu Owusu** (2015). " Over my dead body": knowledge and attitude of children towards HIV and AIDS in the Cape Coast Metropolis of Ghana. *African Journal of Reproductive Health*. https://doi.org/10.10520/ejc168622
37. Kate Hampshire, Gina Porter, **Samuel Asiedu Owusu**, Simon Mariwah, Albert Abane, Elsbeth Robson, Alister Munthali, Ariane DeLannoy, Andisiwe Bango, Nwabisa Gunguluza, James Milner (2015). Informal m-health: How are young people using mobile phones to bridge healthcare gaps in Sub-Saharan Africa? *Social Science & Medicine*. https://doi.org/10.1016/j.socscimed.2015.07.033
38. **SAMUEL ASIEDU OWUSU** (2015). Intergenerational relations and the power of the cell phone: Perspectives on young people's phone usage in sub-Saharan Africa. *Geoforum*. https://www.sciencedirect.com/science/article/pii/S0016718515001517
39. Kate R. Hampshire, **Samuel Asiedu Owusu** (2013). Grandfathers, Google, and Dreams: Medical Pluralism, Globalization, and New Healing Encounters in Ghana. *Medical Anthropology*. https://doi.org/10.1080/01459740.2012.692740
40. RO Amoako-Sakyi, **Samuel Asiedu Owusu** (2012). Bicycles: an answer to mobility needs of rural children. *2nd AfCAP practitioner's conference held in Maputo, Mozambique from 3rd to 5th July*. https://www.researchgate.net/profile/Regina-Amoako-Sakyi/publication/265107139_BICYCLES_AN_ANSWER_TO_MOBILITY_NEEDS_OF_RURAL_CHILDREN/links/53ff0d810cf23bb019becbba/BICYCLES-AN-ANSWER-TO-MOBILITY-NEEDS-OF-RURAL-CHILDREN.pdf
41. **Owusu, Samuel A**, Blankson, Emmanuel J, Abane, Albert M (2012). Education sexuelle et de santé de la reproduction chez les couturières et les coiffeuses dans le district d'Assin South du Ghana. *TSpace (University of Toronto)*.
42. Abane Albert, **Samuel Owusu**, Simon Mariwah (2012). Full Terms & Conditions of access and use can be found at https://www. tandfonline. com/action/journalInformation? journalCode= cchg20. *Children's Geographies*. https://ir.ucc.edu.gh/server/api/core/bitstreams/66bc76e7-9042-41a8-a501-1d3871d2eb94/content
43. Kate Hampshire, Gina Porter, **Samuel Owusu**, Simon Mariwah, Albert Abane, Elsbeth Robson, Alister Munthali, Mac Mashiri, Goodhope Maponya, Michael Bourdillon (2012). Taking the long view: temporal considerations in the ethics of children's research activity and knowledge production. *Children s Geographies*. https://doi.org/10.1080/14733285.2012.667921
44. **SA Owusu**, RO Amoako-Sakyi (2011). Mobility and economic constraints as key barriers to children's healthseeking in Ghana. *Society, Biology and Human Affairs*. https://scholar.google.com/scholar?cluster=2926829695796365023&hl=en&oi=scholarr
45. Gina Porter, Kate Hampshire, Albert Abane, Augustine Tanle, Kobina Esia-Donkoh, Regina Obilie Amoako-Sakyi, Samuel Agblorti, **Samuel Asiedu Owusu** (2011). Mobility, education and livelihood trajectories for

young people in rural Ghana: a gender perspective. *Children s Geographies*. https://doi.org/10.1080/14733285.2011.590705

46. RO Amoako-Sakyi, **A Owusu** (2011). Moving on two wheels: A comprehensive study on bicycle behaviour among Ghanaian children. *SBHA*. https://scholar.google.com/scholar?cluster=13798728379958251930&hl=en&oi=scholarr

47. KENDIE Stephen Bugu, Gina Porter, **Samuel Asiedu Owusu**, Augustine Tanle, Albert Abane (2011). Out of the reach of children? Young people's health-seeking practices and agency in Africa's newly-emerging therapeutic landscapes. *Social Science & Medicine*. https://doi.org/10.1016/j.socscimed.2011.06.035

48. **Samuel Asiedu Owusu**, Emmanuel J. Blankson, Albert Abane (2011). Sexual and reproductive health education among dressmakers and hairdressers in the Assin South District of Ghana : original research article. *African Journal of Reproductive Health*.

49. **Samuel A Owusu**, Emmanuel J Blankson, Albert M Abane (2011). Sexual and reproductive health education among dressmakers and hairdressers in the Assin South District of Ghana. *PubMed*.

Conference papers 1

1. Alexander Boateng, Eric Nimako Aidoo, Daniel Maposa, Christopher Odoom, **Samuel Adjei Owusu** (2024). Optimizing Binary Classification Performance in Neural Networks Through Simulation: A Comparative Study of Activation Functions. *Lecture notes in networks and systems*. https://doi.org/10.1007/978-3-031-73324-6_54

Theses 1

1. **SAMUEL ASIEDU Owusu** (2017). Child caregiving practices in the Kumasi Metropolis, Ghana. *Doctoral dissertation*. https://ir.ucc.edu.gh/server/api/core/bitstreams/bfa65364-00c0-4068-96dd-808f875d0e91/content