Bernard Asamoah Barnie

Research Centre
Kwame Nkrumah University of Science and Technology

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PROFILE

Mr. Bernard Asamoah Barnie represents a calibre of research administrator whose career exemplifies dedication to institutional research development in the African university context. His combination of graduate-level academic qualifications, over a decade of grant administration practice, active NIH-funded project management, and sustained professional development positions him as a knowledgeable and dependable resource for KNUST's research community. He is results-oriented, integrity-driven, and committed to empowering researchers at all career stages to access and successfully manage competitive research funding.

RESEARCH

Interests	Injuries · Older Adult · Research Administration · Medico-Legal · Information Science · Research Adminstration · Internet · Open Access · Information Retrieval · Public Health
Areas	Public Health, Environmental and Occupational Health · Psychiatry and Mental health · Clinical Psychology · Demography · Emergency Medicine · General Health Professions

RESEARCH SUMMARY

14	48	4	2	0.68	8%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 14 publications listed below, 2015–2026. Field-weighted impact is the mean over the 13 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 13 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Assistant Grants and Research Manager 2024–present
Office of Grants and Research, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Research Officer 2013–2016
Medical Education Partnership Initiative Project, Kwame Nkrumah University of Science and Technology College of Health Sciences, Kumasi, Ghana

Intern 2012
Balme Library, University of Ghana, Legon, Ghana

National Service Person 2010–2011
Deputy Registrar's Office, University of Education Winneba - Kumasi Campus, Kumasi, Ghana

Field Officer 2010
2010 Census, Ghana Statistical Service, Accra, Ghana

EDUCATION AND QUALIFICATIONS

Master of Philosophy in Health Systems Research and Management 2019–2021
Health Policy, Management and Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Master of Arts in Information Studies 2011–2012
Information Studies, University of Ghana School of Graduate Studies, Legon, Ghana

Bachelor of Arts in Information Studies 2006–2010
Information Studies, University of Ghana, Legon, Ghana

PUBLICATIONS

Journal articles 14

1. Kingsley Boakye, Daniel Boateng, **Bernard Asamoah Barnie**, Arti Singh, Ellis Owusu-Dabo, Kerstin Klipstein-Grobusch, George Downward (2026). Association between household fuel use and cardiometabolic risk factors in sub-Saharan Africa: A systematic review. *Environmental Pollution*. https://doi.org/10.1016/j.envpol.2026.128399
2. Patience Achiamaa Barnie, Veronica Millicent Dzomeku, Abigail Aban Tetteh, **Bernard Asamoah Barnie**, Charles Mock, Peter Donkor (2025). Effects of trauma-related amputations in children on caregivers: An exploratory descriptive study in a developing country. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0313980
3. **Bernard Barnie**, Florence Antwiwaah Aboh, Kezia Gladys Amaning Adjei, Barbara Gyapong-Korsah (2025). Opportunities and Constraints in Advancing Research Management: An Account of Ghanaian Tertiary Institutions. *Journal of Research Management and Administration*. https://doi.org/10.18552/jorma.v4i1.1141
4. Alex Werekuu, Nana Kwame Ayisi-Boateng, Nadia Tagoe, Douglas Aninng Opoku, **Bernard Barnie**, Godfred Kumi Twumasi, Yaa Twumwaa Boadu, Kaku So-Armah, Phyllis Tawiah (2024). KNUST aging and human immunodeficiency virus outcomes—Study protocol. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0307719
5. Abigail Aban Tetteh, Veronica Millicent Dzomeku, Patience Achiamaa Barnie, Adwoa Gyamfi, Ato Kwamina Arhin, Benjamin Noble Adjei, **Bernard Barnie**, Emmanuel Kwaku Nakua, Charles Mock, Peter Donkor (2024). Prevalence, types and outcome of injuries among abattoir workers in Ghana. *BMC Research Notes*. https://doi.org/10.1186/s13104-024-06934-1
6. Florence Aboh, **Bernard Barnie** (2023). Challenges of the Research Management Office in Higher Edcuational Institutions (HEIS): Local and Global Perspectives. *Journal of Research Management and Administration*. https://doi.org/10.18552/jorma.v2i1.836
7. Emmanuel K. Nakua, John Amissah, Phyllis Tawiah, **Bernard Barnie**, Peter Donkor, Charles Mock (2023). The prevalence and correlates of depression among older adults in greater Kumasi of the Ashanti region. *BMC Public Health*. https://doi.org/10.1186/s12889-023-15361-z
8. **Bernard Asamoah Barnie** (2022). An Impactful North-South Collaborative for Injury Prevention and Treatment in Ghana and Globally. *Science and Development Journal*. https://journals.ug.edu.gh/index.php/sdj/article/view/2181
9. Florence Antwiwaah Aboh, Paul Yaw Yeboah, **Bernard Asamoah Barnie** (2022). Assessing Factors Influencing the Health and Well-Being of Senior Members at the University of Mines and Technology (UMaT), Tarkwa, Ghana. *The International Journal of Humanities & Social Studies*. https://doi.org/10.24940/theijhss/2022/v10/i5/hs2205-027
10. Nana K. Ayisi-Boateng, Douglas A. Opoku, Phyllis Tawiah, Ruth Owusu-Antwi, Emmanuel Konadu, Georgina T. Apenteng, Akye Essuman, Charles Mock, **Bernard Barnie**, Peter Donkor, Fred S. Sarfo (2022). Carers' needs assessment for patients with dementia in Ghana. *African Journal of Primary Health Care & Family Medicine*. https://doi.org/10.4102/phcfm.v14i1.3595

11. Nana K. Ayisi-Boateng, Fred S. Sarfo, Douglas A. Opoku, Emmanuel K. Nakua, Emmanuel Konadu, Phyllis Tawiah, Ruth Owusu-Antwi, Akye Essuman, **Bernard Barnie**, Charles Mock, Peter Donkor (2022). Educational intervention to enhance the knowledge of Ghanaian health workers on Alzheimer's disease and related dementias. *African Journal of Primary Health Care & Family Medicine*. https://doi.org/10.4102/phcfm.v14i1.3448

12. Florence Antwiwaah Aboh, Paul Yaw Addai Yeboah, **Bernard Asamoah Barnie**, Francis Nyarko (2022). Promoting the Health and Well-Being of Senior Members at the University of Mines and Technology: Stressors and Their Mitigation. *The International Journal of Humanities & Social Studies*. https://doi.org/10.24940/theijhss/2022/v10/i6/hs2206-037

13. P. Donkor, E. Fordjour, G. Plange-Rhule, N. Tagoe, **B. Barnie** (2015). Enhancing global health through the compilation of a glossary of medical terminology in a local Ghanaian language (Twi). *Annals of Global Health*. https://doi.org/10.1016/j.aogh.2015.02.935

14. **Bernard Asamoah Barnie Paa**, MNA Opare-Addo, J Appiah-Poku (2015). Knowledge and Perceptions of Health Workers' Training on Ethics, Confidentiality and Medico-Legal Issues. *Journal of Clinical Research & Bioethics*. https://doi.org/10.4172/2155-9627.1000205