Asiwome Ameko

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Country: Ghana, West Africa

I am a hardworking and motivated aspiring Data Analyst/Scientist, currently based in Tamale, Ghana ready to learn and contribute to data driven solutions, research to solve public health problems. Also, I am extremely optimistic seeing myself as a data analyst perfectly aligned with my qualifications and goals. I have a range of data management and analysis experience, having worked on different small to medium research projects. I am always ready to take up new challenges as they arise.

Competencies

Statistics software: R (intermediate), STATA (advance), DHIMS, EHR/EMRs

Programming:Python (beginner), SQL (beginner)

Development editors: RStudio, VScode

Data visualization/Reporting: R Markdown, Jupyter notebook

Operating systems: Windows, Linux (Ubuntu)

Survey Programming: KoboToolKit, ODK, Epi Info, Epi Data Manager, RedCap

Geographical Information Systems: ArcGIS, QGIS

Experience

- ### Public Health Officer (Health Information Officer)

  January 2021 – Present

  ✔ Health Information Officer, Tamale Teaching Hospital

- ### Data Manager and Founder of Trust Research Data Services

September 2018 – Present

Freelance Data Manager and Analyst

Previous Activities

✔ Coordination of data collection and management activities including questionnaire design, Electronic and mobile data capture, data monitoring for independent researchers, faculty members of the School of Public health, University of Health and Allied Sciences, Undergraduate and Postgraduate students.
   o Research Assistant: WHO/TDR Postgraduate Scheme
   o Data curator: STDs Data Extraction

✔ Performs and supports data curation, analysis, reporting of research data and manuscript writing for independent researchers, faculty members of the School of Public health, University of Health and Allied Sciences, Undergraduate and Postgraduate students.

✔ Provide consultation and guidance to the research team and other teams on statistical methodologies and analysis.

✔ Provide voluntary practical oriented tutorials on data management, software applications and analytical methodologies.

Experience Research Assistant, National Service Scheme - SPH, UHAS

September 2017 – August 2018

✔ Leading undergraduate's demonstration sections include Health Data Management, Data Analysis, Design of Electronic Data Capture Database (Epi-data, Epi-Info, ODK).

✔ Performs and support data curation, analysis and reporting of research data within the School of Public Health.eg

   o Health Facilities mapping and GPS data collection, Central Tongu District, February,2018
   o Basic schools tippy-tap evaluation data collection and data entry, UNICEF- Ghana August 2017

Research Experience and Publications

Master's Thesis (in-progress)

✔ *Examining Spatial Effects in District Health Expenditures in Ghana.*

Peer Reviewed Articles

✔ *Ayanore, M.A., Adjuik, M., **Ameko, A**. et al. Self-reported breast and cervical cancer screening practices among women in Ghana: predictive factors and reproductive health policy implications from the WHO study on global AGEing and adult health. BMC Women's Health 20, 158 (2020). https://doi.org/10.1186/s12905-020-01022-5*

✔ *Gmanyami, J.M., **Ameko, A**., Ahiafe, S.S. et al. Effect of pre-consultation testing on clinicians' adherence to malaria test results and waiting time among children under 5 years in the Northern Zone of Volta Region of Ghana. Malar J 19, 120 (2020). https://doi.org/10.1186/s12936-020-03189-6*

✔ *Gmanyami JM**, Ameko A**, Ahiafe SS, Bosoka SA, Kweku M, et al. (2020) What happens when the test is negative: Evaluating adherence to malaria diagnostic algorithms among under-five children in the Northern zone of Volta Region, Ghana. Glob J Medical Clin Case Rep 7(1): 017-018. DOI: https://dx.doi.org/10.17352/2455-5282.000083*

✔ *Martin Amogre Ayanore, John Tetteh, **Asiwome Ameko**, Wisdom Kudzo Axame, Robert Kaba*

Alhassan, Augustine Adoliba Ayanore, Victor Mogre, Seth Owusu-Agyei, "Reproductive-Age Women's Knowledge and Care Seeking for Malaria Prevention and Control in Ghana: Analysis of the 2016 Malaria Indicator Survey", Journal of Tropical Medicine, vol. 2019, Article ID 2316375, 17 pages, 2019. https://doi.org/10.1155/2019/2316375

Research Interests

✔ Health Data Science and Informatics

✔ Spatial Statistics and Econometrics Applications in Health

✔ Spatial Data Curation and Metadata Management in Healthcare.

Languages

✔ English

✔ Akan

✔ Ewe.

Education

August 2019 - present (thesis submitted)

MSc. Data Management and Analysis (Sandwich)- University of Cape Coast, Ghana

October 2012 - July 2017

Bachelor of Public Health (Health Information Management) – University of Health and Allied Sciences, Ghana.

References

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