

# Sarpong Boateng, MBChB, MPH

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## EDUCATION

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**University of North Texas Health Science Center**, Fort Worth, TX, USA Aug 2021- Present

*Doctor of Philosophy* (PhD) → Epidemiology

Relevant Coursework: Survival Analysis, Categorical Data Analysis, Measure Theory and Instrument Design

**Harvard T. H. Chan School of Public Health**, Boston, MA, USA May 2020

*Master of Public Health* (MPH) → Cumulative GPA – 3.83

Relevant Coursework: Bayesian Statistics, Clinical Trials, Statistical Inference, Regression Analysis, Nutrition & Cardiovascular Epidemiology, Research Ethics, Decision Science for Public Health, Survey Design & Analysis

**Kwame Nkrumah University of Science and Technology**, Ghana Jul 2016

*Bachelor of Medicine and Bachelor of Surgery* (MBChB) – Equivalent to U.S. MD

Dissertation: *Assessment of policy shift from presumptive to test-based management of malaria in children under five years in the Fanteakwa district of Ghana*

Honors in Ophthalmology (2015), Pharmacology and Molecular Medicine (2013), Anatomy and Physiology (2012), and Behavioral Sciences (2011)

**Kwame Nkrumah University of Science and Technology**, Ghana Jul 2013

*Bachelor of Science* (BSc)

## RESEARCH EXPERIENCE

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**Harvard Global Health Institute**, Boston, MA Sep 2019 –May 2020

*Graduate Research Assistant (Supervisor – Prof. Das Sarthak, DrPH)*

- Designed a comprehensive technologically based tobacco control program for the Government of Cote d'Ivoire
- Collected, compiled, and analyzed data on the burden of smoking and non-communicable diseases in Cote d'Ivoire; Results of findings are being prepared for publication

**Kwame Nkrumah University of Science and Technology**, Ghana Jul 2014-Aug 2017

*Research Assistant (Principal Investigator – Prof. Stephen Sarfo, MD PhD)*

- Designed questionnaire, collated interview data of patients and family care givers, analyzed results and presented findings for the Stroke Investigation Research and Education Network (SIREN)
- Determined the prevalence of hypertension and diabetes in rural Ghana and provided free health counselling on hypertension, diabetes and kidney diseases for 40 underserved communities

## AD-HOC JOURNAL REVIEWER

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- Journal of clinical and human genetics
- Journal of the American Society of Nephrology
- Kidney 360
- Kidney international
- Nature

## PUBLICATIONS

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- Emmanuella Onaku, Ayodele AJAYI, Omofolarin Babayale, Chisom Asuzu, **Sarpong Boateng**, Omosefe Ogbeifun, and Oyeyemi Olaniran. "THE ASSOCIATION BETWEEN ELECTRONIC CIGARETTE USE AND OBSTRUCTIVE PULMONARY DISEASES." *Chest* 160, no. 4 (2021): A1898. <https://doi.org/10.1016/j.chest.2021.07.1681>

## CONFERENCE PRESENTATIONS

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- **Boateng S**, Wang C. Use of digital technology tools to reduce burden of tobacco smoking and non-communicable diseases in Cote d'Ivoire. Poster presentation at the Harvard Ministerial Leadership Program. Mar 2020
- **Boateng S**. Assessment of the test treat and track malaria prevention policy. Poster presentation at the Ghana Health Service malaria control symposium. Jun 2019
- **Boateng S**. influence of education on fertility rate; a case study of Bantama. Poster presentation at the KNUST community health research symposium. Aug 2014

## PROFESSIONAL & TEACHING EXPERIENCE

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**Komfo Anokye Teaching Hospital**, Ghana Sep 2016-Aug 2019  
*Medical Officer*

- Diagnosed specific medical problems based on patient's history, physical examination, and relevant lab findings
- Collaborated with doctors to provide high-quality medical care in a fast-paced emergency room of a 1000-bed capacity teaching hospital
- Mentored and managed 10 medical students and 20 physician assistants every six months during their clinical rotations

## SELECTED LEADERSHIP, MENTORING & VOLUNTEER SERVICE

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*Volunteer*, **Harvard Public Health Corps Against Coronavirus** Mar 2020-Present

- Providing active reporting on COVID-19 patients in Boston; collecting scholarly information for research

*Head of Public Education Team*, **Committee of Medical Students' Association**, Ghana Apr 2014-Apr 2015

- Facilitated health talks on the radio and for schools, hospitals, and local communities to educate Ghanaians on their health
- Established a weekly health talk show on Fox FM, Kumasi to educate the public on various health conditions

*Electoral Commissioner*, **KNUST Clinical Students' Hostels**, Kumasi Ghana May 2014-Apr 2015

- Directed a free and fair election for medical students and serving on the electoral committee of the university
- Implemented the first time use of electronic voting, which served as a blueprint for the general elections

## RELEVANT SKILLS

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Data Collection, Management, and Analysis: Strong quantitative/qualitative data collection skills including case report forms, questionnaires, focus group discussions for a large population survey

Computational: Proficient in SAS, R and Stata; proficient in Microsoft word, excel, outlook and powerpoint

Statistical: Advanced statistical and econometric analysis for causal inference, impact evaluation

Personal Interests: playing soccer and tennis, reading novels, writing articles