



Patricia Afriyie Opoku

Nationality: Ghanaian | **Gender:** Female | **Phone number:** (+233) 504200202 (Mobile) |

Phone number: (+233) 240309865 (Home) | **Email address:**

patriciaopokuafriyie@gmail.com |

Address: Emmanuel Villa N1-MDCL Sunbird Close, Community 20, Lashibi, +233, Accra, Ghana (Home)

EDUCATION AND TRAINING

02/01/2023 – CURRENT Accra

PHD STUDENT(DEMOGRAPHY) University of Ghana

Address P.O.BOX LG 96, Legon, Accra, Accra

19/10/2014 – 25/02/2017 Limburg, Belgium

MASTER OF STATISTICS(MSC): EPIDEMIOLOGY AND PUBLIC HEALTH METHODOLOGY Maastricht University and Universiteit Hasselt(transnationale Universiteit Limburg)

Address Martelarenlaan 42 , Agoralaan gebouw D 3590 Diepenbeek, Limburg, Belgium | **Website** <https://www.uhasselt.be/en>

16/08/2009 – 29/06/2010 Accra, Ghana

MASTER OF ARTS(MA) : POPULATION STUDIES Regional Institute for Population Studies(University of Ghana)

Address Regional Institute for Population Studies, P.O. Box LG 96. University of Ghana, Accra, Ghana |

Website <http://www.rips-ug.edu.gh/>

15/08/2004 – 29/06/2008 Accra, Ghana

BACHELOR OF ARTS (BA): PSYCHOLOGY WITH PHILOSOPHY University of Ghana

Address P.O. Box LG 96 , Legon, Accra, Accra, Ghana | **Website** <https://www.ug.edu.gh>

WORK EXPERIENCE

08/05/2021 – 30/09/2022 Accra, Ghana

MONITORING, EVALUATION, RESEARCH AND LEARNING MANAGER MARIE STOPES INTERNATIONAL GHANA

Managed the overall Monitoring, Evaluation, Research, and Learning(MERL) strategy and implementation of related activities within Marie Stopes International Ghana(MSIG), as well as partner agencies where necessary. Ensured that high-quality, accurate, and timely information is available for internal and external reporting purposes. Communicates closely with all stakeholders involved in the design, implementation, and coordination of projects. Played a key role in the continuing development and implementation of MSIG's performance framework and tools. Serve as the key link person for MSIG and the Marie Stopes Global Research, Monitoring, and Evaluation team. Provided necessary training, coaching, and mentorship for the MERL team. Worked with project leads and Regional Managers to ensure a high degree of regional capacity to collect, collate and analyze project performance data. Proactively identify knowledge gaps within the organization and design strategic research and/or analysis of secondary data to address them. Supported MSG to develop a culture of evidence-based decision-making across the program. Undertake and ensure high technical quality research that fulfils local and Marie Stopes International ethical standards. Maintained an accurate MIS database for management decision-making and donor reporting. Worked as the MSI Ghana Country Program Data Integrity and Validation Lead.

02/02/2020 – 29/04/2021 Accra, Ghana

SCIENTIFIC RESEARCH INTERN(DATA ANALYST AND STATISTICIAN) NOGUCHI MEMORIAL INSTITUTE FOR MEDICAL RESEARCH, UNIVERSITY OF GHANA

Assisted in the design of research projects. Managed, Analysed, and interpreted project data, provided guidance on problems that emerges during research development. Contributed immensely to an ongoing WHO/TDR sponsored post-doctoral implementation research evaluating interventions to improve the test, treat and track malaria strategy among the counter medicine sellers in several rural communities in Ghana using a cluster Randomized Design Trial analysis. Contributed to the data analysis of Patterns of malaria parasitemia among symptomatic individuals in selected health care facilities across Ghana (Antimalarial Drug Efficacy). Assisted in a COVID-19 fieldwork exercise on Population seroepidemiological research in the dynamics of SARS-CoV 2 infections in the Greater Accra Region of Ghana. Collaborated effectively with the malaria Research team at NMIMR to publish two scientific papers in a reputable

journal(BMC Infectious disease and BMC Public Health): Trends and predictive factors for treatment failure following artemisinin-based combination therapy among children with uncomplicated malaria in Ghana: 2005–2018(specifically led the statistical analysis using advanced models) and Factors impacting test-based management of suspected malaria among caregivers of febrile children and private medicine retailers within rural communities of Fanteakwa North District, Ghana(October 2021).

24/07/2018 – 24/10/2019 Ghent, Belgium

WORK STUDENT BLECKMANN, BELGIUM

Trained new student workers in the pick and pack department; ensured quality control of ordered items; provided value-added service for ordered items e.g.labelling, inventory control, bagging, and re-packing; assisted in general management of e-commerce deliveries; Maintained inventory controls by collecting stock location orders; maintained quality service by following organizational standards; contributed to team efforts by accomplishing related results needed.

04/11/2016 – 24/02/2017 The Netherlands, Netherlands

STATISTICIAN (MASTER THESIS INTERN) MAASTRO CLINIC (MAASTRICHT)

Effectively collaborated with staff of the MAASTRO clinic to undertake the study on Sample Size Estimation using simulated datasets. Identified statistical methods for calculating sample size. Performed simulation experiments, and examined ways by which realistic datasets with covariates could be generated using simulation. Identified specific problems using established methods, and suggested possible ways of improving them. Produced statistical codes in R for performing simulation experiments.

14/01/2012 – 12/10/2014 Accra, Ghana

PROGRAM OFFICER(RESEARCH AND POLICY ADVOCACY) ALLIANCE FOR REPRODUCTIVE HEALTH RIGHTS (ARHR), GHANA

Key research and Advocacy Projects managed to include Tracking of Health MDGs 4 and 5 in selected poor districts in Ghana (Beneficiary Perspective); ARHR- TAP Citizen Assessment of the Free Maternal Health Care Initiative; The Health Accountability Project; Health Platform Budget Tracking; Maternal Health Project amongst others.

Projecting Citizens Voices for Health Accountability: The project collaborated with local health systems to document and showcase an effective mechanism of reporting violations of patients' rights among ordinary citizens leading to improved health outcomes. *Selected achievements:* Organized training for research assistants on Community Score Card data collection. Assisted in designing the ombudsman software (Health Complaint software). Organized capacity-building sessions for Community Based organizations and volunteers from target districts. Coordinated community education sessions in project districts.

Tracking MDG Goals 4 & 5 in four poorest districts in Ghana: The study documented perceptions and healthcare experiences of poor and vulnerable rights holders in the selected districts. Issues explored include maternal health, experiences of adolescent Reproductive Health, Access to the National Health Insurance Scheme, and Human resources for Health. *Selected achievements:* Coordinated stakeholders meeting at the national level to review research instruments, supported in analyzing and interpreting data and information from the main study. Prepared advocacy training modules for community-Based Organizations. Prepared policy briefs, fact sheets, and other promotional materials to enhance advocacy activities in focused districts. Facilitated stakeholders meeting in the focused district for District Health Management Teams and District Assembly members.

Transparency Accountability Project- Citizen Report Card: The study sought to understand the extent to which rural women benefited from the free maternal health care initiative and to ascertain the existence of corruption, problem redress, factors affecting access and usage, levels of satisfaction, and the quality and reliability of skilled delivery services. *Selected achievements:* Co-supervised research assistants to administer and collect CRC data in project districts. Worked with the project team and the lead investigator to analyze, interpret data, and compile reports. Prepared Maternal Health Advocacy modules for training community-Based Organizations.

Maternal Health Project: This project sought to project community voices towards quality maternal healthcare delivery in Ghana. *Selected achievements:* Coordinated a meeting with a section of Ghana's Parliamentarians (The Select Committee on Health) and Community Based Organizations' (CBOs) in the Upper Eastern Region of Ghana, to discuss and share with the select committee, community beneficiary perspectives for improving maternal healthcare in Ghana.

14/11/2010 – 29/12/2011 Accra, Ghana

TECHNICAL SERVICES INTERN/ RESEARCH, MONITORING AND EVALUATION TEAM NATIONAL POPULATION COUNCIL

Made valuable contributions to organizing and successfully implementing activities to commemorate the World Population Day activities: specifically authored the section on women and Young people; preparation of media kit as a guidance note for communicating to the public. Assisted the technical team that worked on the Population Stabilization

Report: specifically contributed to the section on Young people. Worked closely with the research, monitoring, and evaluation unit of the National Population Council.

31/07/2011 – 30/08/2011 Accra, Ghana

FIELD WORKER GHANA AIDS COMMISSION/REGIONAL INST. FOR POPULATION STUDIES PROJECT: BARRIERS TO CONDOM USE IN GHANA

Assisted in the household listing exercise in some selected Enumeration areas of the Ashanti Region. Assisted in gathering data through individual interviews and Focus Group Discussions for the Ghana AIDS Commission. Was able to maintain interesting discussions, got participants to share their views comfortably despite the sensitive nature of the topic, and also functioned as an effective team player.

20/06/2006 – 24/03/2008 Accra, Ghana

MOVEMENT'S SECRETARY AND CHAIRPERSON OF PROGRAMS COMMITTEE YOUTH ACTION MOVEMENT (YAM) OF THE PLANNED PARENTHOOD ASSOCIATION OF GHANA (UNIVERSITY OF GHANA)

Organized seminars, made arrangements and appointments on behalf of the group. Represented the movement at meetings and performed general administrative duties for the association. Liaised with the various traditional halls during hall week celebrations to sensitize students on SRH issues. Advocated and sought funding for the successful operation of all branch activities.

13/08/2006 – 30/12/2014 Accra, Ghana

EXTRACURRICULAR ACTIVITIES/VOLUNTEERISM VOLUNTEERING EXPERIENCE

2013: Steering Committee Member- ICPD West African Youth Conference

2012/2013: Editorial Board Member, Alliance for Reproductive Health Rights Newsletter, Reproductive Health Watch

2007/2008: Senator, Akafo Hall Junior Common Room, University of Ghana

2007/2008: Majority Member, University of Ghana Parliament House

2007/2008: Secretary, PENSA Akafo Hall, University of Ghana

2007: Member of Ghana@ 50 Mock Parliament

2006- 2008: Registration Official, University of Ghana Academic Affairs

05/10/2008 – 30/07/2009 Accra, Ghana

NATIONAL SERVICE PERSONNEL MINISTRY OF DEFENCE (GHANA ARMED FORCES): DIRECTORATE OF MANPOWER AND PERSONNEL ADMINISTRATION

Provided information to potential cadet officers on the criteria and preparation for the exercise. Assisted in short-listing of potential cadet applicants for interviews. Performed other administrative and secretarial functions.

LANGUAGE SKILLS

Mother tongue(s): **TWI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH(BASIC)	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Computer Skills

Microsoft Office | Internet user

Data

Analytical skills | Presenting | Decision-making

Social Media

Skype | Facebook | Zoom | LinkedIn

Software skills (SAS, LATEX, R, WinBugs, SPSS)

ADDITIONAL INFORMATION

NETWORKS AND MEMBERSHIPS

07/05/2018 – CURRENT RSS Head Office(UK)

Royal Statistical Society (RSS): Graduate Statistician Membership Number: 132649

14/02/2017 – CURRENT IUSSP Head Office(France)

International Union for the Scientific Study of Population(IUSSP) : Member Membership Number: 43550

07/03/2018 – CURRENT PAA Head Office(USA)

Population Association of America(PAA) : Member Membership Number: 028970

CURRENT UAPS Head office(Ghana)

The Union for African Population Studies (UAPS): Member Membership Number: 2693

02/01/2023 – CURRENT The German Academic Exchange Service(DAAD), Germany

Scholar (German Academic Exchange Service, DAAD)

PUBLICATIONS

[Trends and predictive factors for treatment failure following artemisinin-based combination therapy among children with uncomplicated malaria in Ghana: 2005-2018](#)

– 2021

BMC Infectious Diseases volume 21, Article number: 1255 (2021)

[Factors impacting test-based management of suspected malaria among caregivers of febrile children and private medicine retailers within rural communities of Fanteakwa North District, Ghana](#)

– 2021

BMC Public Health volume 21, Article number: 1899 (2021)

[Multiple perpetrator rape in Ghana: offenders, victims and offence characteristics](#) – 2017

<https://doi.org/10.1080/13552600.2017.1378024>

ACADEMIC PROJECT WORK AND THESIS(UNPUBLISHED)

04/11/2016 – 25/10/2017

Sample size estimation using simulation datasets (Master of Statistics Thesis, 2017)

14/04/2010 – 10/12/2010

Resolution of Unintended Pregnancies among street vendors in Ghana: Perspectives of Males and Females (Master of Arts Dissertation, 2010)

04/01/2008 – 29/06/2008

Workplace violence in the Health Sector: Effect on the health worker (Bachelor of Arts Dissertation, 2008)

HOBBIES AND INTERESTS

Hobbies

- Singing
- Dancing
- Cooking