

## Curriculum Vitae

### BIO-DATA

Name: Gertrude **Voetagbe** (Nee **Owusu-Banahene**)

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### **EDUCATION**

<b>School</b>	<b>Dates</b>	<b>Field of study</b>	<b>Qualification</b>
London School of Hygiene & Tropical Medicine, UK	2001-2002/3	Medical Statistics	MSc
		Tropical Medicine	Pg Diploma
University of Ghana	1995-1997	Statistics	Diploma

### **SPECIALISED COURSES - USAID SCHOLARSHIP**

University of Virginia /USTTI	October 2010	Telemedicine and distance learning synopsis	Certificate
Office of Advance Telehealth/ HRSA/USTTI	October 2010	Advance Telemedicine and distance learning applications	Certificate
Howard University/	October 2010	Telemedicine Review	Certificate
University of Texas / USTTI	June 2004	Developing a Website	Diploma
University of Texas / USTTI	June 2004	Distance learning techniques and technologies	Diploma

### **SPECIALISED COURSES**

1. Certificate in Project Management
2. A1 certificate in French language

**EMPLOYER:**

Ipas Ghana  
Health Research Unit, Ghana Health Services

**Dates**

Jan, 2007 to present  
1998 to 2006

**PRESENT POSITION:**

Research and Evaluation Associate

**RESPONSIBILITIES**

1. Training of data collectors
2. Drawing up M & E plan to monitor progress
3. Designing and maintaining data collection system
4. Conducting and coordinating of research activities
5. Designing and reviewing survey tools
6. Monitoring of programme activities
7. Designing database and processing data
8. Analyzing of data, interpreting and disseminating of findings
9. Providing technical support for implementation of programme activities
10. Writing program reports and manuscript to peer review journal

**PREVIOUS POSITION**

Data manager/Data Analyst/Statistician  
Part-time lecturer- Epidemiology Dept., School of Public Health, Univ. of Ghana

**WORK EXPERIENCE****Selected Studies /Projects involved in:**

**April – Dec 2011**

**Community provision of misoprostol for induced abortion: A study of community Pharmacy and Licensed Chemical Shops in three Districts of Ghana; A mystery client study.**

I was a co-investigator and my responsibilities included proposal development, developing of data collection tools, training of mystery clients, coordinating the study, data analysis and writing of study report.

**Oct 2010 – Oct 2011**

**Developing a scale to measure abortion-related stigma in Ghana and Zambia**

**2006 to 2009**

**A comparison of “Whole Site” Versus “Provider Mentoring & Network” Approaches to Establishing Sustainable, High Quality Comprehensive Abortion Care (CAC) Provision in 7 Districts in Ghana: A Quasi-Experimental Design**

**March to October 2006**

**Licensed pharmaceutical providers’ practices and perceptions of reproductive health services Greater Accra Region, Ghana.**

Responsibilities included calculating sample size and sampling respondents for the study as well as reviewing tools for data collection. Data was collected on Personal Digital Assistants (PDAs), otherwise known as handheld computers and I assisted in the uploading of the data onto a computer. Cleaned and analysed data using Stata 8 and SPSS PC as well as participating in writing study report.

**March to November 2006**

**Testing Pre-packaged Therapy for Male Urethral Discharge Syndrome in Ghana: A Feasibility Study.**

Responsibilities included calculating sample size, sampling and randomising respondents for the study as well as reviewing tools for data collection. Facilitating the training and supervision of field data collectors, and editing of data collection tools as well as going on monitoring visits. Conducting focus group discussion interviews. Analysed data using Stata and participating in writing study report.

**An individually randomised trial of Rapid Diagnostic Test in rural Ghana.**

Responsibilities include randomising individual using blocks of 10 and analysing the data.

### **April 2005 to 2007**

#### **Comparing the effectiveness and cost of alternative strategies for improving access to information and services for the IUD in Ghana.**

Responsibilities include reviewing data collection tools and providing data management strategies. Designing data entry screens using EPIINFO, performing quality control checks, cleaned and analysed data using Stata 8 and SPSS PC. Interpreting the results and participating in writing study report.

### **October 2004 to 2006**

#### **Impact of large-scale rectal artesunate deployment in the initial management of non-per OS ill under five children in Dangme West District.**

Responsibilities include designing data entry screens and performing quality control checks using EPIDATA Software. Cleaning and analysing data using Stata 8.

### **July 2004 to December 2005**

#### **Monitoring and Evaluation on Health Insurance implementation in Ghana.-A Household survey**

Responsibilities included reviewing data collection tools and providing data management strategies and weighting of data sets. Designing data entry screens using EPIINFO, performing quality control checks, cleaned and analysed data using Stata 8 and SPSS PC. Interpreting the results and participating in writing study report

### **September 2003-May 2004**

#### **Evaluating the effectiveness of alternative training models and other performance improvement factors on the quality of maternal care and client outcomes. (Improving the Ghanaian Safe Motherhood Programme)**

Responsibilities included reviewing data collection tools and providing data management strategies. Designing data entry screens using EPIINFO, performing quality control checks, cleaned and analysed data using Stata 8 and SPSS PC. Interpreting the results and participating in writing study report.

### **March 2004-June 2004**

### **KAPB Study On The Use Of Female Condom Among Sex Workers In Accra**

Responsibilities were calculating sample size, sampling and randomizing respondents for the study as well as reviewing tools for data collection. Data processing by designing data entry screens, editing tools for data entry. Cleaned and analysed data using EPIINFO, Microsoft Excel and Stata 8 as well as interpreting the results and writing study report.

**2003**

### **A Genome Wide Study on tuberculosis Study - A German sponsored study aimed at identifying human metabolic pathways that render resistant to tuberculosis. –**

Responsibilities included data processing by designing data entry screens, editing tools for data entry. Cleaned and analysed data using EPIINFO. Mapping the distribution of TB index cases in the Accra Metropolis using Arc View software.

**August 2002**

**Baseline Prognostic Factors for cardiovascular events or death in patients with lower extremity arterial disease in placebo group: Dissertation submitted in partial fulfilment for Msc Medical Statistics.**

For the following studies,

**August 2000- December 2002**

**Up-scaling of Community directed Treatment of lymphatic filariasis in Ghana**

**June-September 2000**

**Evaluation of the impact of a combination of ivermectin and albendazole treatment on lymphatic filariasis in Ghana.**

**A feasibility and acceptability study on using Coartem for early appropriate Home Management of Fever in Children Aged 2-59 months in Ghana**

**Inadvertent exposure of pregnant women to ivermectin and albendazole during mass drug administration for lymphatic filariasis in Ahanta West district in Ghana June 1999**

**Multi-centre study of community-directed treatment of lymphatic filariasis (Ghana, Kenya, India and Vietnam)**

Responsibilities included randomising of study areas and participants. Clinical assessment of participants using ICT cards. Facilitating the training and supervision of field data collectors and editing of data collection tools. Processing and analyzing the data. That is, designing of data entry screens, performing quality control checks, and data checking using EPIINFO as well as interpreting the results and writing report

These studies/project were funded by World Health Organization; a collaborative effort between the Health Research Unit, Ghana Health Service and WHO.

**NID/EPI Coverage survey in Accra Metropolis (January -June 1999)**

A multi-centre exploratory study conducted in Ghana, Mali, Senegal and Gambia; and was funded by ARCH project of Harvard University. Responsibilities included reviewing of data collection tools, data processing and analyzing as well as participating in writing the study report and in international dissemination forum.

**SELECTED WORKSHOPS ATTENDED**

1. Multi- centre data Analysis on NID/EPI Coverage in Mali
2. Multi-centre data Analysis on Community Directed Treatment for lymphatic Filariasis in Pondicherry, India.
3. Proposal development on Malaria in Accra.
4. Data analysis and report writing on evaluating the effectiveness of alternative training models and other performance improvement factors on the quality of maternal care and client outcomes in Ghana.
5. Ghana Poverty Analysis training workshop

6. The Anglophone Africa Regional Workshop on Monitoring and Evaluation of Population, Health and Nutrition program, Ethiopia 16<sup>th</sup> July- 3<sup>rd</sup> Aug, 2007
7. Global meeting research and evaluation in North Carolina, USA, 2007
8. Global best practices meeting in South Africa, 2008

### **INSTITUTIONAL CAPACITY BUILDING**

1. Training of data entry clerks in Microsoft Visual FoxPro and EPIINFO software at Dangme West Research Centre.
2. Assisted in the training of Public Sector Workers on the use of STATA Software for Ghana Poverty Analysis.

### **MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

A member of the Project Management Institute Incorporated, USA

### **DATABASE AND DATA ANALYSIS APPLICATION**

I have the expertise in using the following database and data analyses application

1. Microsoft Visual FoxPro
2. EPIINFO
3. SPSS
4. STATA
5. Microsoft Office
6. Microsoft ACCESS
7. Health Mapper
8. SAS
9. Arc View
10. Epidata

### **SCIENTIFIC PUBLICATIONS**

1. J.O. Gyapong, D. Kyelem, I. Kleinschmidt, K. Agbo, F. Ahouandogbo, J. Gaba, **G. Owusu-Banahene**, S. Sanou, Y.K. Sodahlon, O.O.Kale, D. H. Molyneux, J.B.Roungou, M.C.Thomson and J.Remme: The use of spatial analysis in

- mapping the distribution of bancroftian filariasis in four West African countries. *Annals of Tropical Medicine and Parasitology*, 96:695-705 (2002)
2. M. Gyapong, J. Gyapong, **G. Owusu-Banahene** (2001)  
Community directed treatment for lymphatic filarisis: the way forward for eliminating the disease as a public health problem in Ghana. *Annals of Tropical Medicine and Parasitology*, **95**:77-86.
  3. Gyapong JO, Huijts I, Tetteh J, Wellington EK, **Owusu-Banahene G**, and Adjei S (1999). Coverage Assessment and Factors Affecting Participation in Routine Immunisations (EPI) and National Immunisation Days (NIDs) in Accra, Ghana. *Social Science and Medicine* in Press
  4. Osei, Ivy, Bertha Garshong, **Gertrude Owusu Banahene**, John Gyapong  
“Improving the Ghanaian Safe Motherhood Programme: Evaluating the effectiveness of alternative training models and other performance improvement factors on the quality of maternal care and client outcomes,” Health Research Unit, Ghana Health Services, Population Council and IntraHealth International March 2005. Placed on The SOUL BEAT AFRICA Site on 09 June 2005
  5. Sara Sulzbach, Bertha Garshong, and **Gertrude Owusu-Banahene**. “Evaluating the Effects of the National Health Insurance Act in Ghana: Baseline report December 2005.
  6. Ivy Osei, **Gertrude Voetagbe**, Moses Aikins, John Gyapong, Philomena Nyarko, Harriet Birungi, Gloria Quansah Asare, Henrietta Odoi-Agyarko, Olivia Aglah  
“**Comparing the effectiveness and costs of alternative strategies for improving access to information and services for the IUD in Ghana**” September 2008 [http://pdf.usaid.gov/pdf\\_docs/PNADN581.pdf](http://pdf.usaid.gov/pdf_docs/PNADN581.pdf)
  7. **Gertrude Voetagbe**, Nathaniel Yellu, Joseph Mills, Ellen Mitchell, Amanda Adu-Amankwah, Koma Jehu-Appiah, Felix Nyante. “Midwifery tutors' capacity and willingness to teach contraception, post-abortion care, and legal pregnancy termination in Ghana”. *Human Resources for Health* 2010, 8:2