

## BARBARA A.YANKEY

E-mail: byankey1@gsu.edu, byankey1@outlook.com

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### **PROFILE**

- PhD (Epidemiology and Biostatistics)
- Master of Public Health (Epidemiology, Prevention Sciences)
- Master of Public Administration (Public Health Administration)
- Pharmacist (Clinical Pharmacy)
- Clinical Research Associate

### **EDUCATION**

CRA/CRC Professional Development Program, The Clinical Research Training Institute.

- ICH GCP Training
- Clinical Site Monitoring (site selection, initiation, monitoring and close out)
- Adverse Event Reporting
- Pharmacology for Clinical Research Professionals

Date: May 2017 – August 2017

Certificate: Clinical Research Associate

Georgia State University,  
Atlanta Georgia 30303 United States

Date: September 2012 – May 2017

Degree: Doctorate in Public Health

#### **Dissertation:**

The Connection between Recreational Substance Use (Marijuana and Cigarette) and Metabolic Syndrome/Components among Adults in the United States

Chair: Ike S. Okosun, PhD.

Georgia State University,  
Atlanta Georgia 30303 United States

Date: June 2012 – August 2013

Degree: Masters in Public Administration

#### **Project Work:**

Increasing Taxes to Support Alcohol/Drug Addiction Prevention and Treatment (ADAPT) in the United States. Does Party Identification Matter.

Supervisor: Greg B. Lewis, PhD.

Georgia State University,  
Atlanta Georgia 30303 United States

Date: June 2010 – August 2012

Degree: Masters in Public Health

#### **Thesis:**

The Relationship of Breast and Gynecological Cancers with Smoking and Metabolic Syndrome – An Examination of NHANES Data 2001 – 2010

Chair: Michael P. Eriksen, Sc.D.

**BARBARA A.YANKEY**

Ukraine Academy of Pharmacy, Kharkov.

Ukraine.

Date: September 1991- June 1996

Degree: Masters in Clinical Pharmacy

**Thesis:**

The Pharmacological Effects of Ciprofloxacin

Chair: Igor Albertovich Zupanets, PhD.

Vinnitsa Medical Institute, Vinnitsa.

Ukraine.

Date: September 1990 – June 1991

Certificate: Russian language and Basic Sciences

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### **RELEVANT COURSEWORK**

- Concepts: Molecular Genetics
- Applied Research Methods STAT I & II
- Advanced Research Methods II
- Introduction to SPSS
- Introduction to Epidemiology, Intermediate & Chronic Disease Epidemiology
- Public Health Leadership
- Evaluation Research
- Intervention and Evaluation of Health Promotion
- Prevention methods
- Global Health
- Public Health Research Methods, CITI Trained
- Principles of Tobacco Control
- Biological Basis of Diseases
- Pharmacology, Pharmacotherapy

### **PROFESSIONAL PUBLIC HEALTH EXPERIENCE/EMPLOYMENT**

#### **Skills and Experience for Clinical Research**

- In-depth knowledge of ICH GCP guidelines
- Excellent knowledge of medical terminology and clinical monitoring process
- Develop study timelines (IRB Approval, bulk drug manufacturing, etc.)
- Prepare initial IND submission (if appropriate) Determine laboratory needs (central vs. local)
- Update Investigator Brochure.
- Identify and interview potential investigators
- Conduct site initiation visits.
- Plan investigator meetings
- Visit sites as scheduled/required.
- Design consent forms and consent study subjects
- Design case report forms and review case report forms
- Monitor clinical studies
- Conduct source data verification
- Clinical data management
- Adverse drug events monitoring
- Review protocol compliance, focusing on inclusion/exclusion requirements
- Prepare final study reports and study close out

## **BARBARA A. YANKEY**

E-mail: byankey1@gsu.edu, byankey1@outlook.com

### **Part-time Instructor, Georgia State University, School of Public Health, Atlanta,**

Lecture Undergraduates – Fundamentals of Epidemiology, (PH 3001) June 2017 – date

Lecture Undergraduates – Introduction to Research Methods, (PH 3010) Summer 2017

Lecture Graduates – Public Health Research Methods (PH 7019) Summer 2017

### **Georgia State University Fellow (2CI) - September 2012 - May 2017**

Conduct literature review on chronic diseases (Metabolic syndrome, diabetes, cardiovascular disease, and tobacco cessation).

Member of Grant writing team for investigation of metabolic abnormalities of people of African descent.

Research Designing: cross sectional and longitudinal methods to assess factors associated with metabolic dysfunction among people of African descent and people in low income countries (Ghana and Nigeria).

Coordinate research collaboration with University of Cape Coast, School of Medical Sciences - Ghana

Conduct data analysis using SPSS and STATA

Conduct Thesis Reviews for public health graduate students (September 2013 - May 2017) Teaching Assistant for Introduction to epidemiology

Lecture public health graduate students - Introduction to SPSS (Fall 2012)

Lecture public health graduate students - Chronic Disease Epidemiology (Summer 2013, Spring 2015)

Lecture public health graduate students - Epidemiologic Methods II (Spring 2014)

Advisor: Dr. Ike Okosun

### **Attachment in Ghana (Ghana Health Service) – November 2015 - February 2016**

Designed and administered a Staff satisfaction survey for Regional Public Health Division on the current state of the Division and the way forward to improving infrastructure and work environment for the Public Health Division.

Advised and Introduced Regional Focal Team on Immunizations to Improved Monitoring, Data collection and Analysis of Immunization Programs in the Region using SPSS and Possibility of Considering Adverse Drug Reporting and other inclusion of Demographics on DHIMS2.

Present and train on Adverse Drug Reactions and Reporting of Adverse Events Associated with the Use of Anti Tuberculous Medications.

Editing and Research Advisor on research methods and analysis for Article (2015): Adverse events and adherence to HIV post-exposure prophylaxis: a cohort study at the Korle-Bu Teaching Hospital in Accra, Ghana. *BMC Public Health* (2015) 15:573

## **BARBARA A.YANKEY**

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### **Research Assistant (Intern)**

Centers for Disease Control and Prevention, Atlanta, January 2012 – June 2012

Conduct systematic literature review on rubella in India

Poster presentation at Georgia State University on Prevention and Intervention Plan for Rubella in India using Fixsen D.L. et al Implementation Research Model.

Advisor: Dr. Susan Reef

**Graduate Research Assistant**, School of Public Health Georgia State University, Atlanta, GA, USA, (Spring 2011-2012)

Design cross sectional and case control studies for investigations into chronic diseases of cardiovascular origin.

Review articles on smoking, cancer and metabolic diseases for publishing,

Work on power point presentations for lectures on chronic disease epidemiology

Set Assignments and examinations and grade papers

Perform data entry, cleaning and analysis using SPSS for research projects.

Advisor: Dr. I. S. Okosun

### **Western Regional Malaria Focal Person**

Western Region, Ghana (2004 – 2010)

- Train health staff on malaria drug policies, conduct research and pharmacovigilance of adverse effects on antimalarial drugs. Advise medical staff, pharmacists and district focal persons on the drug interactions and side effects of antimalarials and other medicines used in the management of malaria.

Responsible to Regional Director of Health Services: Dr. S. D. Anemana

**Data Collector, Purveyor** (May 2008 – June 2008) WHO medicines survey - WHO

Pharmaceutical Situation Assessment – Level II Health Facilities Survey in Ghana

Map area of survey in towns in the Western region of Ghana and use applicable selection methods to select houses for participation in survey

Conduct face to face interviews with participants in their homes on their drug use

Administer questionnaires on factors associated with medicines use in the Western region of Ghana

Survey Manager: Daniel Kojo Arhinful

**Member/Pharmacist Assisted Western Regional Health Directorate** with Health Sector Five Year Program of Work (2002-2006)

Evaluation of achievements in sector-wide indicators including maternal and infant mortality, antenatal clinic coverage and family planning coverage, HIV seroprevalence, EPI coverage, AFP non polio rate and percent tracer drug availability.

Worked on concerns of non-communicable disease and lifestyle factors as well as healthcare associated with the increase in prevalence of diabetes, hypertension and other cardiovascular Presented on the new antimalarial drug policy and malaria and the in the Western Region of Ghana

Regional Health Director: Dr. S. D. Anemana

## **BARBARA A.YANKEY**

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### **Principal Pharmacist, W/Regional Drug Information Centre,**

Effia-Nkwanta Regional Hospital, Ghana, (April 2004– April 2010)

- Train the health staff of the Western region on issues of pharmacovigilance
- Present weekly radio discussions on health issues
- Monitor and report adverse drug events in the region in collaboration with the Food and Drugs Board of the Western Region,
- Lecture pharmacology at the Nurses Training College (Sekondi)
- Conduct regional deworming programs with Pharmaceutical Society of Ghana.

Advisors: Pharm Philip Annum, Dr. R. Sagoe

### **Pharmacist, Regional Focal Person on Rational Use of Medicines**

Effia-Nkwanta Regional Hospital, Ghana (December 1997 - March 2004)

- Audit prescriptions for patients with chronic diseases and counsel on dispensed prescriptions and healthy life styles for patients with diabetes and hypertension
- Teach Nursing students pharmacology
- Train health staff on treatment protocols
- Conduct surveys on indicators in the rational use of medicines
- Educate the public on rational use of medicines through weekly radio programs
- Leader and project organizer for drug retrieval program from homes at Kansawurodo in partnership with Sekondi Metropolitan Assembly

Advisors: Pharm R. A. Tetteh, Dr. R. Sagoe

### **PROFESSIONAL AFFILIATIONS**

- Georgia State University Alumni Association (2012 – date)
- Public Health Institute Student Association (PHISA) (2010 – 2017)
- Pharmaceutical Society of Ghana (PSG) (1997 – date)
- Lady Pharmacists Association of Ghana (LAPAG) (1997 –date)

### **VOLUNTEER WORK**

- GSU Cares - Kennesaw Mountain Trail 2014
- Research Designs Workshop, Ghana, 2011
- CHAMPS Georgia World Congress, 2011
- Atlanta Streets Alive, 2010, 2011
- Polio Immunization, Ghana 2005, 2006, 2007, 2008

### **COMMITTEES SERVED**

- Drug and Therapeutics Committee, ENRH, Member, (Ghana).
- Western Regional Quality Assurance Committee, Member, (Ghana).
- Sekondi Sub-Metro Mutual Health Insurance Scheme, Member, (Ghana).
- Sekondi Anglican Diocese Medical Board, Member (Ghana).

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### **AWARDS/HONOR SOCIETIES**

- Member: Delta Omega Society, Gamma Upsilon Chapter, Georgia State University, Atlanta (2017)
- Bishop's Badge of Honor (2016)
- Member: Alpha Lambda Chapter of Phi Beta Delta Honor Society for International Scholars at Georgia State University (2012)
- Member: Golden Key International Honor Society (2012)
- Award for Simple Solution (Class project on Trachoma, December 2010)

### **CONFERENCES ATTENDED**

- Pharmaceutical Society of Ghana – Kumasi, Ghana, 2013
- BRFS conference – Atlanta, USA 2011(Observed)
- International Pharmaceutical Federation (FIP) – Vienna, Austria 2000

**PAPERS**

1. Tetteh, R. A., Nartey, E.T., Lartey, M., Yankey, B., Mantel-Teeuwisse, A. K., Leufkens, H. G. M., Acheampong, F., Dodoo, A. (2017). Knowledge and Attitudes of HIV Infected Patients on the Adverse Effects of Antiretroviral Medicines. *Journal of Pharmacovigilance*, 5:236 doi:10.4172/2329-6887.1000236
2. Yankey, B. A., Rothenberg, R., Strasser, S., Ramsey-White, K., & Okosun, I. S. (2017). Effect of marijuana use on cardiovascular and cerebrovascular mortality: A study using the National Health and Nutrition Examination Survey linked mortality file. *European Journal of Preventive Cardiology*, 2047487317723212.
3. Yankey Barbara A., Rothenberg Richard, Strasser Sheryl, Ramsey-White Kim, and Okosun Ike S. (2017). Relationship between Years of Marijuana Use and the Four Main Diagnostic Criteria for Metabolic Syndrome among United States Adults. *J Addict Res Ther* S11: 017. doi: 10.4172/2155-6105.1000S11-017
4. Yankey, Barbara NA, Sheryl Strasser, and Ike S. Okosun. (2016). A cross-sectional analysis of the association between marijuana and cigarette smoking with metabolic syndrome among adults in the United States. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, 10(2), S89-S95.
5. Tetteh, R. A., Yankey, B. A., Nartey, E. T., Lartey, M., Leufkens, H. G., & Dodoo, A. N. (2017). Pre-Exposure Prophylaxis for HIV Prevention: Safety Concerns. *Drug Safety*, 1-11.
6. Tetteh, R. A., Nartey, E. T., Lartey, M., Mantel-Teeuwisse, A. K., Leufkens, H. G., Yankey, B. A., & Dodoo, A. N. (2016). Association between the Occurrence of Adverse Drug Events and Modification of First-Line Highly Active Antiretroviral Therapy in Ghanaian HIV Patients. *Drug Safety*, 39(11), 1139-1149.
7. Eliason, S., Baiden, F., Yankey, B. A., & Awusabo–Asare, K. (2014). Determinants of unintended pregnancies in rural Ghana. *BMC Pregnancy and Childbirth*, 14(1), 1.