

CURRICULUM VITAE

PERSONAL INFORMATION

NAME: Peter Kojo Brenya, **Bsc (Lab Tech.), MSc. (Chem Path)**
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Kumasi-Ghana
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E-MAIL brenya.peter@yahoo.com
DATE OF BIRTH 9th November, 1986
NATIONALITY Ghanaian
MARITAL STATUS Married

CAREER OBJECTIVES

To understand the biochemical, pathogenesis and pathophysiology in disease condition through discoverable scientific research, learning and teaching and thus apply to solve biomedical issues that have impact on health.

PROFESSIONAL PROFILE

I am an enthusiastic, dynamic and a dedicated clinical chemist with commitment to delivery and result oriented.

Ready to challenge traditional thinking and express innovative ideas from a different perspective
A team player with a strong work and life ethic, coupled with talent and good academic record.
Receptive to change, rise to task and always yearning to learn new ideas

EDUCATION AND QUALIFICATION

2012-2015 Kwame Nkrumah University of Science and Technology,
Ghana
School of Medical Sciences
Department of Molecular Medicine
Master of Science (MSc)
Areas of Specialization: Chemical Pathology
2005-2009 University of Cape Coast, Ghana
College of Science, Department of Laboratory Technology
B.Sc. Laboratory Technology, Second Class Upper (Hons)
2016 & 2017 Introduction to Good Clinical Lab. Practice, ICH Good
Clinical Practice & The Research Question (**The Global Health Network**)

2001-2004

Sefwi Wiawso Secondary School
Senior Secondary School Certificate Examination (SSSCE),
Course: General Science.

WORK EXPERIENCE

2016 to date

Laboratory manager (Senior Biomedical Scientist)

Suame Nkwanta Hospital

Scope of work

- Review and validate Standard Operating Procedure
- Provide practical training to 3th and final year intern students in the field of clinical chemistry
- Validate and perform clinical analysis on blood, urine, semen, stool and sputum samples
- Sample analysis and laboratory results interpretation to medical doctors / Clinicians

2010 to 2016

Biomedical Scientist

Medilab Diagnostic Services Ltd, Ghana. (**Department: Endocrinology**)

Scope of work

- Organize practical clinical students in the field of clinical chemistry
- Quality Control and Quality Assurance Committee.
- Sample analysis and laboratory results interpretation to medical doctors / Clinicians
- Clinical Lab investigation on Glucose Metabolic Diseases, Infertility (Male/ Female), Thyroid Metabolism, Tumor Markers and other hormonal assay.

2009 – 2010

National Service (Clinical Residency)

Mampong Municipal Hospital & Nsuta Polyclinic, Ghana

Scope of work

- General Clinical Laboratory rotation

2008 & 2009

Clinical Industrial Attachment (Student Trainee)

Medilab Diagnostic Services LTD, Ghana

Scope of work

May – Aug 2008

Hematology, Immunoserology and Phlebotomy

Dec – Feb 2009

Clinical Chemistry and Microbiology

June – Sept 2009

Clinical Chemistry, Endocrinology and Plebotomy

2007

Clinical Industrial Attachment,

Holy Family Hospital, Berekum

Laboratory unit

Scope of work

- Undertaking routine laboratory diagnostic tests
- Laboratory management

PROFESSIONAL SOCIETY MEMBERSHIP

1. American Association of Clinical Chemistry (AACC).
2017 to date. PIN **(272353)**
2. International Society of Infectious Diseases, (ISID) 2017
to date.
3. Allied Health Professions Council, Ghana. 2013 to date.
PIN **(09089413)**
4. Ghana Association of Biomedical Laboratory Scientist.
2013 to date. PIN **(0001433)**

RESEARCH EXPERIENCE AND INTEREST

1. Masters of Science

**Title: Haemato-Biochemical Profile and
Anthropometric characteristics of Psychiatric
Patients under clinical management at Komfo
Anokye Teaching Hospital**

This research proposed assessment of Serum Iron
Biomarkers as part of routine laboratory investigation

2. Bachelor of science

**Title: Prevalence of Hepatitis B & C among Type 2
diabetes seeking clinical care at Sefwi Wiawso
Government Hospital.**

This research determined the prevalence of hepatitis B and
C associated with Type 2 Diabetes.

ONGOING PROJECT INVOLVED

1. Methylmalonic acid as indicator of Vitamin B12 deficiency in a longitudinal cohort among
type 2 diabetes patients on metformin treatment.

ROLE

- Questionnaire administration, sample collection and biochemical analysis.
- Manuscript drafting.

PUBLICATIONS

1. Obirikorang, Yaa, Christian Obirikorang, Enoch Odame Anto, Emmanuel Acheampong, Emmanuella Nsenbah Batu, Agyemang Duah Stella, Omerige Constance, and Peter Kojo Brenya. "Knowledge of complications of diabetes mellitus among patients visiting the diabetes clinic at Sampa Government Hospital, Ghana: a descriptive study." *BMC Public Health* 16, no. 1 (2016): 637.

MANUSCRIPTS UNDER REVIEW

1. W.K.B.A Owiredue, P. K. Brenya, Y. Osei, E. Odame Anto, E.F. Laing and C.Opoku-Okrah. Serum Iron overload among Psychiatric Patients in the Kumasi Metropolis, Ghana. *BMCPsychiatry (Under Review)*.
2. Eugene Baah, Christian Obirikorang, Richard Asmah, Kofi Amaniampong, Enoch Odame Anto, Emmanuel Acheampong, and Peter Kojo Brenya. Association between Human sperm quality, DNA fragmentation index and Superoxide dismutase after Non-Ionizing radiation exposure from selected Cellular Phones: An in Vitro Pilot study Fertility Research and Practice (*Manuscript Number FRAP-D-17-00007*) (*Reviews received*)

REFEREES

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**I CERTIFY THAT ALL INFORMATION STATED IN THIS RESUME IS
ACCURATE AND VALID**

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