

## ***DAVID NTIAMOAH OFOSU***

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I wish to apply for upgrade to the post of Lecturer in the Department of Basic and Applied Biology.

### **CAREER PROFILE**

An Assistant Lecturer/ prospective PhD Student with field and laboratory research experience in coagulation and haemostasis, B - Chronic Lymphocytic Leukaemia and malaria. Conducted research focused on establishing reference value for coagulation testing and haematological testing. Current research interest is in searching for the genetic modification that influences the levels of severity of Haemophilia A in Ghanaian patients as well as establish the development pathway for the development of inhibitors for drugs they take.

### **PERSONAL INFORMATION**

NAME: Mr David Ntiamoah Ofosu

DATE AND PLACE OF BIRTH: 13-05-1980; Korle-bu, Accra

MARITAL STATUS: Married

NATIONALITY: Ghanaian

LANGUAGES:

Spoken English (Very good) Twi, Ga (Good)

Written English, Twi, Ga

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NEXT OF KIN: Mrs Rosemary Ntiamoah Ofosu

**1. EDUCATION: INSTITUTIONS ATTENDED AND DEGREES/CERTIFICATES EARNED WITH DATES QUALIFICATION**

INSTITUTION	YEAR (S) OF ATTENDANCE	DEGREE/CERTIFICATE EARNED WITH DATES
University of Westminster-London, UK	2012-2013	MSc Haematology
University of Bradford- London (Distance Learning)	2012	Certificate in Dual Use Biosafety
Kwame Nkrumah University of Science and Technology	2009-2011	Commonwealth Exe. Masters in Business Administration
Kwame Nkrumah University of Science and Technology	2000-2004	BSc Medical Laboratory Technology
St Peter's Secondary School	1996-1998	Senior Secondary School Certificate

**Honours/Awards and Fellowships**

- I. Novo Nordisk Haemophilia Foundation Fellowship Award for coagulation and haemostasis diagnosis training at Charlotte Maxeke Academic hospital, South Africa- January 2016 -March 2016
- II. Komfo Anokye Teaching Hospital Award for Training in Haematology – September 2012- November 2013

**Professional Affiliations**

- I. Ghana Association of Medical Lab Scientists (GAMLS) -----Member
- II. International Federation of Biomedical Laboratory Science (IFBLS)-----Member
- III. University Teacher's Association of Ghana (UTAG)-----Member
- IV. Circle Institutional Strengthening Fund program, UENR-----Mentee

## **2. UNIVERSITY TEACHING AND RESEARCH EXPERIENCE WITH DATES**

### **Academic and Professional ranks held and subject taught**

I. University Of Energy And Natural Resource, **Assistant Lecturer**, 2018 to 2019

I lectured and supervised theory and practical training of the following courses offered on the Medical Biodiagnostics Science and Biological Science programs –

Semester one

1. BIOL 207-Haematology theory
2. UMLS 247-Haematology Practical
3. BIOL 208-Haematology Theory
4. BIOL 101- Introduction to Medical Laboratory Science

Semester Two

- 4) BIOL 214-Laboratory Instrumentation
- 5) BIOL 204- Haematology theory
- 6) UMLS 244- Haematology Practical

II. Kwame Nkrumah University Of Science And Technology, **Adjunct Lecturer** --2017 to 2019

III. Kwame Nkrumah University Of Science And Technology, **Adjunct Assistant Lecturer** --2015 to 2017

IV. Garden City University College, **Part Time Lecturer**, September 2014 to May 2018

V. Kumasi Technical University, **Part Time Lecturer**, August 2014 to May 2018

VI. Komfo Anokye Teaching Hospital, **Deputy Chief Medical Laboratory Scientist**, 2007 to 2018

VII. Komfo Anokye Teaching Hospital, Malaria Research Laboratory **Assistant Laboratory Scientist & Research Assistant**, 2016

### **Other Professionally related experience**

1. **Secretary**- Loans Committee, KATH Cooperative Credit Union- July 2017 till date
2. **Member**- Curriculum review panel, NAPBTEX, Accra-Ghana, March 2016
3. **Chairman**- Education Committee, KATH cooperative credit union, January 2016 to June 2017

4. **Member**, Accreditation Committee Team , Allied Health Professions Council, (accreditation of Doctor of medical laboratory science program), University Of Development Studies, Tamale, September 2015
5. **Member**- Accreditation Committee Team Allied Health Professions Council, for accreditation of Diploma of medical laboratory science program, Yendi College Of Health Science, Yendi. August 2015
6. **Acting Technical Head**, Department of Haematology, Komfo Anokye Teaching Hospital- 2016 to 2018
7. **Laboratory Director**, Trustcare Specialist Hospital, March 2005 to March 2016

### **3. DETAILS OF RESEARCH UNDERTAKEN SINCE LAST APPOINTED TO THE UNIVERSITY**

1. **Principal Investigator**; The expression of SLAMF7 levels in malignant B cells: a novel therapeutic pathway for patients with CLL.
2. **Principal Investigator**; Evaluation of the diagnostic value of ret-he among sickle cell disease patients with iron deficiency anaemia on haematinics
3. **Principal Investigator**; Level and effect of haemoglobin f on sickle cell anaemia among sickle cell disease patients in Ashanti region, Ghana.
4. **Principal Investigator**; Establishing a reference range for prothrombin time test and activated partial thromboplastin time test in healthy volunteers in the northern sector of Ghana

### **4. CONFERENCES /SEMINARS AND WORKSHOPS AT WHICH PAPERS/ABSTRACTS WERE READ**

#### **NATIONAL/LOCAL**

- 1) Facilitator-Workshop on Outreach Training and Support Supervision on Malaria Funded by the US President Malaria Initiative (Rexmar Hotel, Kumasi-23<sup>rd</sup> -24<sup>th</sup> September 2010)
- 2) Facilitator- Workshop on Red Cell Disorders, Ghana Association of Medical Laboratory Scientists(GAMLS), December, 2017
- 3) Facilitator- Workshop on White Cell Disorders, Ghana Association of Medical Laboratory Scientists(GAMLS), June 2018

- 4) Presentation of research; the expression of SLAMF7 levels in malignant B cells: a novel therapeutic pathway for patients with CLL. Ghana Association of Medical Laboratory Scientists (GAMLS), June 2016

## 5. PUBLICATIONS

### Peer Reviewed Articles

1. **Ofofu, D.N.**, Opoku-Okrah, C., Bam, V. and Segbefia, S.P., 2019. Evaluation of the Diagnostic Value of Ret-He among Sickle Cell Disease Children with Iron Deficiency Anaemia on Haematinics. *Asian Hematology Research Journal*, pp.1-7. <http://www.sdiarticle3.com/review-history/47124>
2. **Ofofu, D.N.**, Mensah, O.A., Boateng, L.A., Anane, K. and Owiredu, E.W., 2019. Reference Intervals of Prothrombin Time and Activated Partial Thromboplastin Time and Their Association with Age among Healthy Adults in Kumasi, Ghana. *Asian Hematology Research Journal*, pp.1-8. [DOI: 10.9734/AHRJ/2018/v1i430092](https://doi.org/10.9734/AHRJ/2018/v1i430092)
3. Otchere Addai-Mensah, Daniel Gyamfi, Richard Vikpebah Duneeh, Kwabena O. Danquah, Max E. Annani-Akollor, Lillian Boateng, Eddie-Williams Owiredu, Francis A. Amponsah,5 Edward Y. Afriyie,Renate Asare, and **David Ntiamoah Ofofu**. 2019: Determination of Haematological Reference Ranges in Healthy Adults in Three Regions in Ghana. *BioMed Research International*, Vol 2019, pg1-6.<https://doi.org/10.1155/2019/7467512>
4. Addai-Mensah, O., Gyamfi, D., Amponsah, F.A., Annani-Akollor, M.E., Danquah, K.O., Boateng, L., Owiredu, E.W., Afriyie, E.Y., Duneeh, R.V., Asare, R. and **Ofofu Ntiamoah, D.**, 2019. Antierythropoietin Antibody Production Is Not Associated with Malaria and Malaria-Related Anaemia in Humans. *The Scientific World Journal*, 2019. <https://doi.org/10.1155/2019/5398732>
5. **Ofofu DN**, Opoku-Okrah C, Bam VA, Owusu E, Nyarko E. Level and Effect of Haemoglobin F on Sickle Cell Anaemia Among Selected Sickle Cell Disease Patients in Ashanti Region, Ghana. *African Journal of Biomedical Research*. 2019 Jan 31;22(1):45-50.
6. Asare, Renate and Opoku-Okrah, Clement and Owusu Danquah, Kwabena and sem Nana, Opare and Addae-Mensah, Otchere and Gyamfi, Daniel and Agyei Amponsah, Francis and Yaw Afriyie, Edward and Duneeh, Richard Vikpebah and **Ntiamoah, David Ofofu** and Frimpong, Michael, Expression of Platelet Parameters and Platelet Membrane Glycoproteins

in Childhood Burkitt Lymphoma (May 16, 2019). *Leukemia Research*. Available at [SSRN: https://ssrn.com/abstract=3391192](https://ssrn.com/abstract=3391192).

7. Samuel Appiah Kwasi, **David Ofofu Ntiamoah**, Otchere Addai-Mensah, Vivian Paintsil, Daniel Gyamfi, Kwabena Owusu Danquah, Michael Owusu, Eliezer Togbe, Kofi Mensah, Charles Nkansah, Elizabeth Abban, and Alexander Yaw Debrah (2019). Clinical and Haematological Profile of Haemophilia Patients at Komfo Anokye Teaching Hospital, Kumasi, Ghana. Biomed Research Central (In Press)
8. Danquah, K.O., Mensah, K., Nkansah, C., Appiah, S.K., Noagbe, M., Hardy, Y., **Ntiamoah, D.O.**, Boateng, L.A., Annani-Akollor, M.E., Owiredu, E.W. and Debrah, A.Y., 2020. Molecular Characterization of Glucose-6-Phosphate Dehydrogenase: Do Single Nucleotide Polymorphisms Affect Hematological Parameters in HIV-Positive Patients?. *Journal of tropical medicine*, 2020.
9. Asare, R., Opoku-Okrah, C., Danquah, K.O., Opare-Sem, O., Addai-Mensah, O., Gyamfi, D., Amponsah, F.A., Afriyie, E.Y., Duneeh, R.V., **Ofofu, D.N.** and Frimpong, M., 2020. Assessment of platelet indices and platelet activation markers in children with *Plasmodium falciparum* malaria. *Malaria Journal*, 19(1), pp.1-7.
10. Osei-Owusu, W., **Ntiamoah, D.O.**, Akuffo, G.A., Mintaah, S., Owusu, M., Sackey, B., Antwi-Boateng, L., Abdul, G., Annani-Akollor, M., Owiredu, E.W. and Debrah, A.Y., 2021. Coagulation abnormalities in childhood acute lymphoblastic leukemia: assessing the impact of L-asparaginase therapy in Ghana. *Thrombosis Journal*, 19(1), pp.1-8.

## **6. RECORD OF SERVICE TO THE COMMUNITY (UNIVERSITY/ NATIONAL/ INTERNATIONAL) WITH DATES AND SUPPORTING EVIDENCE**

I have served the university and the Nation and the international community in various capacities as follows:

### **Services to the University**

- 1) **Curriculum development coordinator**, Medical Bodiagnostic Science program for professional accreditation, 2019
- 2) **Course Coordinator**, BSc Medical Bodiagnostic science top up, 2019
- 3) **Academic tutor** for assigned students in the department, 2018 to date

- 4) **Patron**, Medical Biodiagnostic Students Association, UENR. 2019
- 5) **Industrial Attachment Representative**, Medical Biodiagnostic Science program, 2019
- 6) **Mentee**, UENR Mentorship program, CIRCLE (ISP) , 2019

### **Service to the Nation**

- 7) **Facilitator**, Outreach Training and Support Supervision on Malaria, Ghana Health Service and US President Malaria Initiative (April, 2019)
- 8) **Member**, Nursing and Midwifery Council Invigilation team, Tamale, August 2018
- 9) **Leader**, Nursing Invigilation team, Nationwide Terminal Examination, June 2018
- 10) **Part time Lecturer** in Haematology and Immunohaematology –Garden City College -2014 to 2018
- 11) **Part time Lecturer** in Haematology and Immunohaematology –Kumasi Technical University - 2014 to 2018
- 12) **Member of planning Committee** of Diploma Licensure Examination for Allied Health Professions Council, -2015/2016
- 13) **Member of planning Committee** of Diploma Licensure Examination for Allied Health Professions Council-2014/2015
- 14) **Member**, Allied Health Professions Council Accreditation Team Assessors for accreditation of Degree in Medical Laboratory Technology programme for University of Health and Allied Science, Ho. 2015
- 15) **Member**, Allied Health Professions Council Accreditation Team Assessors for accreditation of Degree in Medical Laboratory Technology programme for University for Development Studies, Tamale-. 2015
- 16) **Member** of National Accreditation Board Assessors for accreditation of MLSD in Medical Laboratory Science programme at University for Development Studies, Tamale-
- 17) **Member-** Accreditation visitation panel of Allied Health Professions Council to Medicare College - 2016
- 18) **Facilitator**-Workshop on Outreach Training and Support Supervision on Malaria Funded by the US President Malaria Initiative (Rexmar Hotel, Kumasi-23<sup>rd</sup> -24<sup>th</sup> September 2010)
- 19) **Technical Head**, Haematology Unit of KATH- 2016 to 2018

### **Service to the International Community**

20) **National Facilitator**, National Basic Coagulation Laboratory training, Novo Nordisk Haemophilia Foundation, Switzerland, February 2019. Workshop at Komfo Anokye Teaching Hospital, Kumasi.