

CURRICULUM VITAE

DAVID NTIAMOAH OFOSU

Personal Details

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PERSONAL STATEMENT

I possess extensive experience as a medical laboratory scientist and lecturer since 2018. My expertise spans hematology, microbiology, clinical chemistry, and molecular diagnostics, enhancing both practical knowledge and academic rigor, with major in Haematology.

As a committed educator, I have developed and updated curricula, supervised student research, and fostered critical thinking of students and continue to do so. I also demonstrate leadership through committee service, regional, national and international services. I am dedicated to advancing our department through innovative curriculum updates, research expansion, and supportive faculty development, aiming to prepare students for success in the evolving healthcare field.

1. Academic Degrees Earned with Dates

Doctor of Philosophy Candidate (Molecular Medicine) <i>University of Energy and Natural Resources, Sunyani - Ghana</i>	September, 2019- Date
Master of Science (Haematology), <i>University of Westminster, UK</i>	September, 2014
Commonwealth Executive Master of Business Administration <i>Kwame Nkrumah University of Science and Technology</i>	December 2011
Bachelor of Science (Medical Laboratory Science), <i>Kwame Nkrumah University of Science and Technology</i>	July, 2004
Secondary School Certificate Examination, <i>St. Peters Secondary School</i>	June, 1998

2. Professionally Related Experience

Outreach Programmes/ Extension Services:	Member, International Society of Thrombosis and Haemostasis
Membership of Professional Bodies:	<ul style="list-style-type: none"> ▪ Member: Ghana Haemophilia Society ▪ Member: University Teachers Association of Ghana ▪ Member of Allied Health professional Council ▪ Member, Ghana Association of medical laboratory scientists ▪ Fellow, Novo Nordisk Haemophilia Foundation

3. Details of Research or Projects undertaken since last appointed to the University or promoted:

A. RESEARCH CONDUCTED

- **Principal Investigator;** The expression of SLAMF7 levels in malignant B cells: a novel therapeutic pathway for patients with CLL (2018-2019)
- **Principal Investigator;** Evaluation of the diagnostic value of ret-he among sickle cell disease patients with iron deficiency anaemia on hematinic (2018)
- **Principal Investigator;** Level and effect of haemoglobin f on sickle cell anaemia among sickle cell disease patients in Ashanti region, Ghana (2018)

- **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. (2018)
- **Principal Investigator**, Clinical and Haematological Profile of Haemophilia Patients in the Ashanti region (2020)
- **Principal Investigator**, Diagnostic Performance of Three Selected Malaria Rapid Diagnostic Kits in Bono Region in Ghana. (2021)
- **Principal Investigator**, assessing malaria staining practices with Giemsa for malaria microscopy (2021).

B. PUBLICATIONS ARISING OUT OF THE RESEARCH PEER REVIEWED JOURNAL ARTICLES

1. **Ofofu, D.N.**, Asamoah, A., Tuekpe, R.M., Addo, E.O., Takyi, E.K. and Addai, A., 2023. Assessing the Effect and Use of an Aqueous Form of a Common Ghanaian Leaves Extract, *Chromolaena odorata* (Acheampong Leaf) on Coagulation Test Parameters in Vitro. *Open Access Library Journal*, 10(1), pp.1-12.
2. **David, Ofofu Ntiamoah**, Asamoah Akwasi, Tuekpe Mawuli Ransford and Ankoma Rachel, et al. "Is the Current Diagnostic Performance of Three Selected Malaria Rapid Diagnostic Kits in Bono Region in Ghana Comparable to **Malaria Microscopy**, the Gold Standard?." *Malar Contr Elimination* 11 (2022): pp 186.
3. **Ofofu, D.**, Obirikorang, C., Ngala, R., Asamoah, A., Tuekpe Mawuli, R., Owusu, E., Quarshie, S., Owusu Banahene, A., Titus, M. and Asare Amponsah, G., 2022. The impact of Covid-19 pandemic on the health and lifestyle hemophilia patients in a low resourced country and its effect on their activated partial thromboplastin time (aPTT) results. In *Research and Practice in Thrombosis and Haemostasis Conference*.
4. **Ofofu, David Ntiamoah**, Opoku Samuel Benfield, Mohammed Adams, Christopher Nkrumah, Alexander Asamoah, Michael Kusi Addai, Bright Afriyie Owusu et al. "Assessing malaria staining practices with Giemsa for malaria microscopy; a case of selected laboratory facilities in the Ashanti region of Ghana." *Scientific African* 16 (2022): e01133.
5. 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. 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., **Ofosu, 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.
7. 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.
8. **Ofosu, 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>
9. **Ofosu, 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)
10. 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 Ofosu**. 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>
11. 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 **Ofosu Ntiamoah, D.**, 2019. Antierthropoietin 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>
12. **Ofosu DN**, Opoku-Okrah C, Bam VA, Owusu E, Nyarko E. Level and Effect of HaemoglobinF 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.
13. 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., **Ofosu, D.N.** and Frimpong, M., 2019. Expression of platelet parameters and platelet membrane glycoproteins in childhood Burkitt lymphoma. *Leukemia Research*, 84, p.106189. Available at SSRN: <https://ssrn.com/abstract=3391192>.

4. Conference/Seminars and Workshops at which paper were read

S/N	DATE	CONFERENCE WORKSHOP
1.	July 30 th – August 1 st 2019	COBREG and COHS joint scientific conference on Universal access to healthcare, the role of the health scientist
2.	November 23 – 25, 2022	In research and practice in Thrombosis and Hemostasis Conference

NATIONAL CONFERENCES

COBREG conference / College of Health Science

David Ntiamoah Ofosu

Department of Basic and Applied Biology, University of Energy and Natural Resource, Sunyani

Assessment of APTT results in haemophilia 'A' patients and the impact of covid-

19 on their health: A study at the Komfo Anokye Teaching Hospital.

David Ntiamoah Ofosu

Department of Basic and Applied Biology, University of Energy and Natural Resource, Sunyani.

Differential Assessment between Iron Deficiency and Alpha Thalassemia among Microcytic Hypochromic Anaemia Individuals in the Upper East Region of Ghana

David Ntiamoah Ofosu

Department of Basic and Applied Biology, University of Energy and Natural Resource, Sunyani

Prevalence of bleeding episodes and von Willebrand disease among female students in the

Kumasi Metropolis, Ghana: a cross-sectional study in two selected universities

INTERNATIONAL CONFERNCES

International Society for Thrombosis and Haemostasis (**ISTH**)

- a. Ofosu, D., C. Obirikorang, R. Ngala, A. Asamoah, R. Tuekpe Mawuli, E. Owusu, S. Quarshie, A. Owusu Banahene, M. Titus, and G. Asare Amponsah. "**The impact of Covid-19 pandemic on the health and lifestyle hemophilia patients in a low resourced country and its effect on their activated partial thromboplastin time (aPTT) results.**" In *Research and Practice*

in Thrombosis and Haemostasis Conference. 2022.

- b. **OFOFU D**, Asamoah A, Tuekpe Mawuli R, Addai A, Takyi Kofi E, Opoku Addo E. **The Effect of Aqueous Chromolaena odorata (Acheampong leaf) extract use on Coagulation test parameters in Vitro** [abstract]. <https://abstracts.isth.org/abstract/the-effect-of-aqueous-chromolaena-odorata-acheampong-leaf-extract-use-on-coagulation-test-parameters-in-vitro/>. Accessed November 24, 2022.

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DATE: 23-08-2024

