

CURRICULUM VITAE



Emmanuel Banahene
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CAREER GOALS

1. To help identify and conserve Ghana's architectural heritage which is being destroyed;
2. To help migrate more of Ghana's architectural heritage which is being destroyed onto the World Heritage list;
3. To design and construct buildings which are sensitive to Ghana's history and context; and
4. To impart knowledge gained in the field of heritage conservation in young adults.

PERSONAL INFORMATION

First Name: Emmanuel
Middle Name: Banahene
Surname: Owusu
Date of Birth: 20/07/1991
Sex: Male
Nationality: Ghanaian
Home Town: Nsoatre (Sunyani West- Bono Region, Ghana)
Profession: Architect/ Lecturer
Marital Status: Single
Religion: Christian
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U.P.O. KNUST
Kumasi- Ghana
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EDUCATIONAL HISTORY

2017 - 2023 Kwame Nkrumah University of Science and Technology
Degree: ***PhD Architecture***
Thesis Topic: *A Study of Morphology and Architectural Heritage: A Case for the Conservation and Valorization of Coastal Colonial Towns of Ghana*

2018 -2019 Technische Universitat Munchen, Munich - Germany
ERASMUS+ Exchange Programme
Courses Taken: Hausbesuche / House Visits;
Project- Green Technologies;
Urban and Regional Dynamics and;
Practical Techniques of Landscape Architecture

2014 - 2016 Kwame Nkrumah University of Science and Technology
Degree: ***Master of Architecture (M. Arch)***
Thesis Topic: *Improving The Interest of Ghanaians in Resistance Training: Ghana's Strongest Arena- Kumasi*

2010 - 2014 Kwame Nkrumah University of Science and Technology
Degree: ***Bachelor of Science (BSc) Architecture***
Dissertation: *Kumasi as a Garden City: A Reality or a Myth?*

2006 - 2009 St. Peters Senior High School, Nkwatia - Kwahu, Eastern Region, Ghana West Africa Senior School Certificate Examination (WASSCE)

2003 -2006 Nana Kwaku Boateng Junior High School, Koforidua, Eastern Region, Ghana. Basic Education Certificate Examination

PROFESSIONAL TRAINING IN HERITAGE CONSERVATION

December, 2023 UNESCO Earth Network Workshop: Exploring Connections Between Intangible Cultural Heritage, Biodiversity and the Asante Traditional Buildings. Kumasi- Ghana

September, 2023 UNESCO World Heritage Young Professionals Forum- Riyadh, Saudi Arabia

WORK EXPERIENCE

November, 2023- Date

Lecturer

Department of Architecture
Kwame Nkrumah University of Science and Technology
Kumasi- Ghana

August 2021- October, 2023

Assistant Lecturer

Department of Architecture
Kwame Nkrumah University of Science and Technology
Kumasi- Ghana

August 2019 - July 2020

Graduate Assistant

Department of Architecture
Kwame Nkrumah University of Science and Technology
Kumasi- Ghana

2017 - 2023

Junior Architect (Part-Time)

Modula Grup, Kumasi, Ghana

2016/ 2017 Academic Year:

Teaching Assistant (National Service)

Department of Architecture- KNUST
Architecture Three (3) Design Studio

PAPERS AND PUBLICATIONS

PUBLISHED

Kwofie, T. E., Addy, M., Duah, D., Aigbavboa, C. ; Owusu, E. B. & Olympio, G. (2024). Decision support factors evaluative model for affordable PPP public housing delivery in Ghana. *Journal of Engineering, Design and Technology*.

Owusu, E. B. (2023). I Took Part in the 2023 UNESCO World Heritage Young Professionals Forum in Riyadh, Kingdom of Saudi Arabia (3-12 September 2023): Testimonials Collected by Alyssa, K. Barry. *The ICOMOS- EPWG Africa Monthly Newsletters*. October 2023.

Kwofie, T. E., Amos-Abanyie, S., Fugar, F., Afram, S. O., Aigbavboa, C. O., & Owusu, E. B. (2022). Communication Performance Inherent in the Repetitive Attributes of Projects: The Case of Mass Housing Projects. *Benchmarking: An International Journal*

Owusu, E. B. (2018). Preserving the Balme Library as a Heritage Facility: *Africarchi*
<https://africarchi.wordpress.com/2018/12/17/preserving-the-balme-library-as-a-heritage-facility/>

CONFERENCE PAPERS

Owusu, E. B., Haruna, I. A. & Oppong, R. A. (2020). *The Paradox of Cloudlessness Stymied Information Systems, Technologies and Application in Architectural Education in the Global South: The Case of Ghana*. The 18th International Conference on Education and Information Systems Technologies and Applications: EISTA, 2020, In the Context of the 14th International Multi- Conference on Society, Cybernetics and Informatics IMSCI 2020, September 2020, <http://www.iiis2020.org/imsci/website/default.asp?vc=5>

- Owusu, E. B. & Oppong, R. A. (2017). Private Septic Waste Disposal Systems and Their Effects on Private Ground Water Sources; The Case of Ayeduase- Kumasi. Conference Paper- 2nd International Conference On Engineering, Science, Technology & Entrepreneurship (ESTE 2017)
- Owusu, E. B. & Oppong, R. A. (2017). The Challenges of Highway Crossing: The Case of Santasi, Kumasi. Conference Paper- 6th International Conference On Infrastructure Development in Africa (ICIDA, 2017). ir.knust.edu.gh/xmlui/handle/123456789/10888?show=full.

MANUSCRIPTS BEING CONSIDERED FOR PUBLICATION

- Quagraine, V. K., Owusu, E. B. & Oppong, R. A. (N/A). Examination of Highway Crossing Types in Ghana.
- Owusu, E. B., Quagraine, V. K. & Oppong R. A. (N/A). A Framework for the Conservation and Valorization of Colonial Architectural Heritage of the Coastal Colonial Towns of Sub-Saharan Africa.
- Owusu, E. B., Quagraine, V. K. & Oppong R. A. (N/A). The Typological Origins and Transformations of the Residential Type in Ghana: Pre-Colonial, Colonial and Post- Colonial Legacies.

CONSULTANCY WORKS

- October 2023- February 2024** *Heritage Conservation Consultant*
Vume Pottery Village Documentation Project by Just Ghana.
Vume, Volta Region, Ghana
- October 2023- February 2024** *Heritage Conservation Consultant*
James Fort Survey and Documentation by Just Ghana
Accra, Greater Accra Region, Ghana
- 2023** *Reviewer*
8th International Conference on Infrastructure Development in Africa
KNUST, Kumasi, Ghana

SEMINARS, CONFERENCES AND WORKSHOPS

- The 18th International Conference on Education and Information Systems Technologies and Applications: EISTA, 2020, In the Context of the 14th International Multi-Conference on Society, Cybernetics and Informatics, IMSCI 2020, September 2020, Orlando-Florida Virtual Participation.
- Baubotanik Workshop, March 2019, Reid- Germany.
- The First Accra Writing Workshop funded by the African Studies Association of the UK (ASAUK), July 2018, Accra- Ghana
- International Conference on Engineering, Science, Technology and Entrepreneurship (ESTE) 2017. August, 2017. Kumasi- Ghana
- International Conference on Infrastructure Development in Africa (ICIDA) 2017. April, 2017. Kumasi- Ghana
- Agro- Tourism as Food Security Strategy International Workshop (atafoss). August, 2015; Kumasi- Ghana.
- Landscape and Initiatives for Neighbourhood and Community Revival (LaNCoR +) International Workshop. April, 2015; Kumasi- Ghana.
- Weather Exchange Programme- January, 2014. KNUST- Kumasi, Ghana (Using Sustainable measures to solve local problems)

SCHOLASHIPS

1. Erasmus+ Scholarship for Exchange Students at Technical University of Munich (TUM)- Germany
October 2018 - March 2019

MAJOR PROJECTS (ARCHITECTURAL) WORKED ON

- Project 1:** Kumasi International Airport Project, Kumasi-Ghana, November 2019 - Date
- Project 2:** Government of Ghana, Affordable Housing. Asokore - Mampong, Kumasi. February 2017- Date
- Project 3:** Deeper Christian Life Ministry Camp Grounds Design, Kumasi- Ghana. November 2016- March 2017
- Project 4:** KNUST Medical Village Design, Kumasi September 2016
- Project 5:** All Nations University Hostel Design, Koforidua- Ghana July, 2013- August 2015

PROFESSIONAL ASSOCIATION

Probationer Member of the Ghana Institute of Architects (GIA)

POSITIONS HELD

2013- 2016 Year Group Representative,
Department of Architecture- KNUST

LANGUAGE PROFICIENCY

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Akan (Ghanaian Language)	Excellent	Excellent	Excellent

COMPUTER SKILLS

ArcGIS, Auto- Cad Architecture , Revit Architecture , Google Sketch Up, Microsoft Office and Adobe Suite

REFEREES

Elsie Owusu (OBE RIBA FRSA)
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London NW1 5RS
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Rev. Fr. Victor Kwesi Quagraine (PhD)
Senior Research Fellow and Lecturer
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Titus Ebenezer Kwoffie (PhD)
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