Curriculum Vitae: Gifty Serwaa Mensah

Gifty Serwaa Mensah
(PhD, MSc, BSc)
Born 23/06/1982 at Pramso, Ghana

Ghanaian

C/o Positive Chain Reactions
P. O. Box KS 16697
Adum – Kumasi
Phone: (+233) 506977827 / 266608463; **Email:** gmens82@gmail.com

Research and Other Areas Interest

I have research interest in a number of areas but I am presently researching energy access indicators. Some of these areas of interests where I have been previously involved with include:

- Waste to energy/ waste management
- Life cycle analysis
- Waste management systems
- Energy data
- Energy planning
- Energy policy
- Climate change and environmental health

EDUCATIONAL BACKGROUND	
08/2013 –2020	Doctor of Philosophy (PhD) Development Studies Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. Thesis Title: Measuring Energy Access: A Multidimensional Approach. Thesis Description: The thesis researched into the measurement of energy access status that goes beyond the binary approach of 'have' and 'have not'. The main objective was to develop a framework that incorporates other dimensions such as quality, adequacy and others.
08/2009– 06/2011	Master of Science (MSc) Industrial Ecology Norwegian University of Science and Technology, Trondheim, Norway Thesis Title: Resource Recovery from Municipal Solid Waste in Kumasi Thesis Description: The thesis assessed the possibility of recovering material and energy resources from solid waste in Kumasi using life cycle analysis and cost benefit analysis.

09/2001 – 05/2005	Bachelor of Science (BSc) Chemical Engineering Kwame Nkrumah University of Science and Technology, Kumasi, Ghana Project Title: Production or radial tyres from latex Project Description: The thesis was concerned with designing a production plant for radial tyres from locally sourced latex
01/1998 – 12/2000	Senior Secondary Certificate, General Science St. Louis Secondary School, Kumasi, Ghana
WORKING EXPERIENCE	
10/2021 – Present	Organization: Regional Centre for Energy and Environmental Sustainability. University of Energy and Natural Resources, Kumasi Position: Research Fellow Job Description: Conduct Research, Assess, interpret and evaluate outcomes of research. Develop ideas for generating income and promoting research area. Develop ideas for application of research outcomes. Teaching and student assessment.
09/2018 – 01/2021	Organization: Mechanical Engineering Department / The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology Position: Part-time Tutor, Energy and Environment Job Description: Teaching online masters students on the links between energy and environment; conducting and examinations and marking of scripts.
05/2016 – 04/2018	Organization: The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology Position: Assistant Project Coordinator (Africa Low Emissions Development Strategies (LEDS) project Job Description: Assist in ensuring the smooth running and achievement of project objectives within set times and within budget. Duties included report writing programmes organization

06/2013 – 05/2014	Organization: The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology Position: Project Coordinator (Renewable Energy and Energy Efficiency Partnership (REEEP) sponsored project on energy access) Job Description: -Ensuring the smooth running and achievement of project objectives within set times and within budget. -In charge of all correspondence with project sponsors and the liaison between project sponsors (REEEP) and The Energy Centre
	-In charge of quarterly and overall project reports
07/2013 – 12/2014	Organization: The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology Position: Project Coordinator (United Nations Development Programme (UNDP) sponsored project on energy access) Job Description: -Ensuring the smooth running and achievement of project objectives within set times and within budget. -In charge of all correspondence with project sponsors and the liaison between project sponsors (REEEP) and The Energy Centre -In charge of quarterly and overall project reports
12/2008 – 08/2009	Organization: United Bank for Africa, Kumasi, Ghana Position: Customer Service Officer Job Description: Responsible for handling customer complaints, opening and closure of accounts
03/2008 – 12/2008	Organization: United Bank for Africa, Accra, Ghana Position: Account / Relationship Officer Job Description: -Responsible for soliciting and maintaining customer accounts -Giving out and monitoring of loans
01/2008 – 03/2008	Organization: Oppong Memorial Secondary School, Kokofu Position: Teacher Job Description: Teach Chemistry and Integrated Science

11/2007 – 12/2007	Organization: Gold Street Real Estate Consult, Kumasi Position: Supervisor Job Description: Responsible for traffic attendants' adherence to company's rules and regulations
01/2006 – 08/2006	Organization: Jachie – Pramso Secondary School, Jachie, Ashanti Region Position: Teacher (National service personnel) Job Description: Teach Integrated Science
08/2001	Organization: St. Michael's Hospital, Pramso, Ashanti Region. Position: Research Assistant Job Description: Distributing questionnaire on organizational health insurance and analysing the data obtained.

PERSONAL SKILLS	
	• Self-motivated, hardworking, result-oriented and principled • Good interpersonal skills and excellent planning skills. • Working on my own initiative or in a team and being helpful to all. Reliable, trustworthy, eager to learn and adaptable. • Proposal writing • Project coordination • Computer literacy
CERTIFICATES	
30/05/2016 – 03/06/2016	Renewable Energy Project Analysis The Energy Center, College of Engineering, KNUST
23/05/2016 – 27/05/2016	Biogas Systems Design and Construction The Energy Center, College of Engineering, KNUST

16/05/2016 – 20/05/2016	Design and Installation of Stand-Alone Solar Photovoltaic Systems The Energy Center, College of Engineering, KNUST
26/05/2015– 19/06/ 2015	Gender Equality and Energy (e-course) The einstitute for development – The World Bank
01/06/2013– 12/06/2013	"Green Industry: Moving Towards the Industry of the Future". UNIDO Institute for Capacity Development (Vienna – Austria) & Central European University, Budapest – Hungary ((Phase 2: Face-to-face)
26/03/2012– 23/04/2012	"Green Industry: Moving Towards the Industry of the Future". UNIDO Institute for Capacity Development (Vienna – Austria) & Central European University, Budapest – Hungary (Phase 1: Online

PUBLICATIONS

Brew-Hammond, A., Mensah, G. S. and Amponsah, O. (2014). Energy Policy in Sub-Saharan Africa: Poverty amidst Abundance, In: Halff, A., Sovacool, B. K. and Rozhon J., Energy Poverty: Global Challenges and Local Solutions. Oxford: Oxford University Press.

Mensah, S.G., Kemausuor, F., Brew-Hammond, A. (2014).Energy access indicators and trends in Ghana.
Renewable and Sustainable Energy Reviews 317–323

REVIEWS AND CO-AUTHORED REPORTS

REN21. (2015). Renewables 2015 Global Status Report. Paris: REN21 Secretariat. (Co-author, Sub-Saharan Africa (with Francis Kemausuor and Fabrice Toche)

Practical Action. (2013). Poor People's Energy Outlook 2013. Rugby, UK. Practical Action. (Reviewer)

PARTICIPATION IN CONFERENCES, WORKSHOPS, MEETINGS AND SEMINARS	
22 – 23/ 11/ 2012	ICS International Conference on "Sustainable Energy Strategies in Low and Middle-Income Economies: Blending technology, finance and policy beyond 2012". Milan, Italy.
19 – 20/10/ 2012	Second Annual Conference on Climate Change and Development in Africa (CCDA-II), United Nations Conference Centre, Addis Ababa, Ethiopia
07/08/2012	Third Consultative Meeting on Sustainable Energy for All Acceleration Framework (SEAAF) Accra – Ghana
09 – 11/07/2012	Sustainable energy for all – Africa workshop, Africa Union premises, Addis Ababa – Ethiopia
12/06/2012	Second Consultative Meeting on Sustainable Energy for All Acceleration Framework (SEAAF) African Reagent Hotel, Accra
29 – 31/ 2012	International Solar Energy Experts Workshop (I – SEE 2012) KNUST- Kumasi, Ghana
27/02/2012	First Consultative Meeting on Sustainable Energy for All Acceleration Framework (SEAAF) Accra, Ghana
29/09/2010 – 02/10/ 2010	The use of industrial ecology tools to mitigate greenhouse gas emissions in the Automobile industry. Ålesund, Norway

20/09/2008	Money laundering and fraud prevention seminar Accra, Ghana

REFEREES

Dr. Lena D. Mensah The Brew-Hammond Energy Centre / Mechanical Engineering Department Kwame Nkrumah University of Science and Technology Kumasi +233 207065185 ld.mensah@yahoo.com	Dr. Edward Awafo Department of Agricultural Engineering University of Energy and Natural Resources Sunyani +233 244 977104 awafoe@hotmail.com
Prof. Ahmad Addo The Brew-Hammond Energy Centre / Agricultural Engineering Department Kwame Nkrumah University of Science and Technology Kumasi +233 244 518346 / +233 508244110; ahmadaddo@gmail.com	