

DR. PAUL ADJEI KWAKWA

Department of Entrepreneurship and Business Sciences

Email address: Pauladkwa@gmail.com or pauladkwa@yahoo.com or
Paul.kwakwa@uenr.edu.gh

Cell phone: +233244155240

Marital status: Married

Religion: Christianity

Date of Birth: November 17, 1984

EDUCATIONAL BACKGROUND

2013-2016: Kwame Nkrumah University of Science and Technology, Kumasi
Doctor of Philosophy in Economics

2008–2010: University of Ghana, Accra
Master of Philosophy in Economics

2003-2007: University Of Ghana, Accra
Bachelor of Arts Degree in Economics
Second Class Hons. (Upper Division)

2000-2002: Konongo Odumase High School, Konongo
Senior Secondary School Certificate

TEACHING ACCOMPLISHMENT/EXPERIENCE

April 2021- Date: Senior Lecturer, University of Energy and Natural Resources

2016-Date: Senior Lecturer, Presbyterian University College Ghana

- ◆ Handle subjects like Micro economics, Economic Growth and Development, Elements of economics, econometrics, research methods and Money & Banking
- ◆ have made students appreciate economics
- ◆ have made students appreciate research
- ◆ have supervised over 60 masters students thesis
- ◆ have supervised over 40 undergraduate students project work

2011- 2015: Lecturer, Presbyterian University College Ghana

- ◆ Handled subjects like Micro economics, Economic growth and development, Elements of economics and Money & Banking
- ◆ raised students' confidence in economics
- ◆ made students appreciate research
- ◆ supervised over 40 undergraduate students project work

August 1, 2010 – 2011: Teaching Assistant, Department of Economics, University of Ghana

- ◆ raised students' confidence in economics
- ◆ organized tutorial for students

- ◆ assisted lecturers in research work

2009-2011: Tutor, University of Ghana Distant Learning Center

- ◆ organized tutorial for students

Oct 2007-July 2008: Teaching Assistant (National Service Person), Economics Department, University of Ghana, Accra

- ◆ raised students' confidence in economics
- ◆ organized tutorial for students
- ◆ assisted lecturers in research work

FIELDS OF INTEREST

Macroeconomics, Economic Growth and Development, Environmental economics, energy and Resource economics, sustainable business, welfare economics, and Applied Econometrics

THESIS/DISSERTATION/PROJECT WORK/ SUPERVISION

- Have supervised over 50 masters' students thesis
- Have supervised over 60 undergraduate students' project works

SELECTED LEADERSHIP ROLES

September 2017-2021: Head of Department, Department of Business Administration and Economics, Presbyterian University College, Ghana

- Promoted research and publications among lecturers
- Ensured quality teaching at the Department
- Facilitated in getting accreditation for M.Sc Financial Risk Management Programme
- Initiated and organized the Annual Eastern Region Business and Economics Quiz for Senior High Schools from 2018-2020
- Initiated and organized Entrepreneurship Dialogue

2016-2021: Presbyter, Presbyterian Church of Ghana, Ebenezer Congregation, Abetifi Kwahu

2015-2017: Hostel Warden, Presbyterian University College, Ghana Okwahu Campus

2006-2007: Organizing Secretary, National Union Of Presbyterian Students- Ghana, Legon.

2006-2007: Publicity Sub Committee Head, National Union of Presbyterian Students Union-Ghana, Legon, Conference 2007

RESEARCH AND PUBLICATION ACCOMPLISHMENTS

Kwakwa, P. A. (2021). The carbon dioxide emissions effect of income growth, electricity consumption and electricity power crisis. *Management of Environmental Quality: An International Journal*. 32 (3) 470-487

Adusah-Poku, F., Adjei-Mantey, K., & Kwakwa, P. A. 2021. Are energy-poor households also poor? Evidence from Ghana. *Poverty & Public Policy*.

Twum, K. K., Kwakwa, P. A., Ofori, D., & Nkukpornu, A. (2021). The relationship between individual entrepreneurial orientation, network ties, and entrepreneurial intention of undergraduate students: implications on entrepreneurial education. *Entrepreneurship Education*, 1-28.

Kwakwa, P. A. (2020). The long-run effects of energy use, urbanization and financial development on carbon dioxide emissions. *International Journal of Energy Sector Management*. DOI [10.1108/IJESM-01-2020-0013](https://doi.org/10.1108/IJESM-01-2020-0013)

Kwakwa, P. A. (2020). What determines renewable energy consumption? Startling evidence from Ghana. *International Journal of Energy Sector Management*. DOI [10.1108/IJESM-12-2019-0019](https://doi.org/10.1108/IJESM-12-2019-0019)

Kwakwa, P. A., & Adusah-Poku, F. (2020). The carbon dioxide emission effects of domestic credit and manufacturing indicators in South Africa. *Management of Environmental Quality: An International Journal*. DOI [10.1108/MEQ-11-2019-0245](https://doi.org/10.1108/MEQ-11-2019-0245)

Kwakwa, P. A., Alhassan, H. & W. Adzawla (2020). The long-run environmental effect of aquaculture and food trade in Egypt. *Review of Agricultural and Applied Economics*. 23(2), 21-35. doi: 10.15414/raae.2020.23.02.21-35

Alhassan, H., Kwakwa, P. A. & Owusu-Sekyere, E. (2020). Households' source separation behaviour and solid waste disposal options in Ghana's Millennium City. *Journal of Environmental Management*, 259: 110055

Kwakwa, P. A., Alhassan, H., & Adu, G. (2020). Effect of natural resources extraction on energy consumption and carbon dioxide emission in Ghana. *International Journal of Energy Sector Management*. Vol. 14 No. 1, pp. 20-39 <https://doi.org/10.1108/IJESM-09-2018-0003>

Abeasi, D. A., & Kwakwa, P. A. (2020) Factors influencing classroom participation of undergraduate nursing students. *International Journal of Education*, 13(1), 7-14. DOI: <https://doi.org/10.17509/ije.v13i1.20997>

Kwakwa, P. A., & Adusah-Poku, F. (2019). Determinants of electricity consumption and energy intensity in South Africa. *Green Finance*, 1(4), 387-404.

Adom, P. K., & Kwakwa, P. A. (2019). Does Technological Progress Provide a Win–Win Situation in Energy Consumption? The Case of Ghana. In *Energy and Environmental Strategies in the Era of Globalization* (pp. 363-385). Springer, Cham.

Kwakwa, P. A. (2019). Towards sustainable energy: what have natural resource extraction, political regime and urbanization got to do with it? *Journal of energy management and Technology* 3(2): 44-57

Kwakwa, P. A. (2019). *Ghana's economic growth and welfare issues*. MPRA Paper no 96019 <https://mpra.ub.uni-muenchen.de/96019/>

Alhassan, H., **Kwakwa, P. A.** & Adzawla, W. (2019). Farmers choice of adaptation strategies to climate change and variability in arid region of Ghana. *Review of Agricultural and Applied Economics*. 22(1):32-40

Kwakwa, P. A., Alhassan, H. & Aboagye, S. (2018) Environmental Kuznets curve hypothesis in a financial development and natural resource extraction context: evidence from Tunisia. *Quantitative Finance and Economics*, 2(4): 981–1000.

Adom, P.K., **Kwakwa, P.A.** and Amankwaa, A. (2018). The long-run effects of economic, demographic, and political indices on actual and potential CO₂ emissions. *Journal of Environmental Management* 218:516-526

Kwakwa, P. A. & Alhassan, H (2018) The Effect of Energy and Urbanisation on Carbon Dioxide Emissions: Evidence from Ghana. *OPEC Energy Review*, Vol. 42, Issue 4, pp. 301-330, 2018

Alhassan, H. & **Kwakwa, P. A.** (2018) An investigation into the determinants of hydropower generation in Ghana. *PUCG Applied Research Journal*, 4(1):31-46

Kwakwa, P. A. (2018) Analysis of the determinants of energy consumption in Benin. *Journal of energy management and Technology* 2(3): 42-59

Kwakwa, P. A., Adu, G. & Osei-Fosu, A. K. (2018). A time series analysis of fossil fuel consumption in Sub-Saharan Africa: evidence from Ghana, Kenya and South Africa. *International Journal of Sustainable Energy Planning and Management*, 17: 31–44

Kwakwa, P. A. (2018). On the determinants of electricity power losses: empirics from Ghana. *OPEC Energy Review* 42(1): 3-21

Kwakwa, P. A., Alhassan, H. & Adu, G. (2018). Effect of natural resources extraction on energy consumption and carbon dioxide emission in Ghana. MPRA Paper No. 85401, <https://mpra.ub.uni-muenchen.de/85401/>

Kwakwa, P. A. and Adu, G. (2017). Electricity conservation behavior in Ghana: evidence from rural and urban Households in the Ashanti Region, *The Journal of Energy and Development* 42 (1/2), 90-122

Kwakwa, P. A., & Alhassan, H. (2017). Determinants of hydropower generation in Ethiopia. *UDS International Journal of Development*, 4(2), 107-123

Kwakwa, P. A. (2017). Electricity consumption in Egypt: a long-run analysis of its determinants, *OPEC Energy Review* 41(1): 3-22

Kwakwa, P. A. and Adu, G. (2016) Effects of income, energy consumption, and trade openness on carbon emissions in sub-Saharan Africa, *The Journal of Energy and Development* 41 (1/2), 86-117

Kwakwa, P. A. (2016) Studies on energy and environmental economics. PhD thesis

Kwakwa, P. A. (2015). *An investigation into the determinants of hydropower generation in Ghana*, MPRA Paper No. 68033, <https://mpra.ub.uni-muenchen.de/68033/>

Kwakwa, P. A., Aboagye, S & Alhassan, H. (2015). Towards energy sustainability in Ghana: a review of the empirics on determinants of energy consumption, In: Wiafe, E.D. & Arku, F. S.

Sustainable utilization and management of natural resources in the era of climate change (pp. 93-111), Nova publisher, New York

Adom, P. K., & **Kwakwa, P. A.** (2014). Effects of changing trade structure and technical characteristics of the manufacturing sector on energy intensity in Ghana. *Renewable and Sustainable Energy Reviews*, 35, 475-483.

Kwakwa, P. A. and Aboagye, S. (2014), “Energy consumption in Ghana and the story of economic growth, industrialization, trade openness and urbanization”, *Asian Bulletin of Energy Economics and Technology*, 1(1): 1-5.

Kwakwa, P. A., Arku, F.S. & Aboagye, S. (2014). Environmental degradation effect of agricultural and industrial growth in Ghana *Journal of Rural and Industrial Development*, 2(2), 22-29

Aboagye, S & **Kwakwa, P. A.** (2014). The relationship between economic growth and environmental sustainability: Evidence from selected Sub-Sahara African countries, 2, 135-153

Kwakwa, P. A. (2014). Energy-growth nexus and energy demand in Ghana: A review of empirical studies. *Applied Research Journal*, 1(1), 28-38

Alhassan, H., & **Kwakwa, P. A.** (2014). When water is scarce: the perception of water quality and effects on the vulnerable. *Journal of Water Sanitation and Hygiene for Development*, 4(1), 43-50.

Kwakwa, P. A. & Wiafe, E.D. (2014). I use firewood but I do not grow trees: an analysis of tree planting exercise among rural households in Ghana. *Asian Bulletin of Energy Economics and Technology* 1(1), 7-12.

Wiafe, E.D. & Kwakwa, P. A. (2013), Fuel-wood usage assessment among rural households in Ghana. *Spanish Journal of Rural Development*, 4 (1), 41-48

Kwakwa, P. A., Wiafe, E.D. & Alhassan, H. (2013). Households Energy Choice in Ghana. *Journal of Empirical Economics* 1,3, 96-103

Kwakwa, P. A. (2013). Local or Imported Chicken Meat: Which is the Preference of Rural Ghanaians?. *International Journal of Marketing & Business Communication*, 2(3), 14-21

Kwakwa, P. A. (2013). Determinants of National Savings: A Short and Long Run Investigation in Ghana. *KCA Journal of Business Management*, 5(1), 1-15.

Kwakwa, P. A. (2012). Disaggregated energy consumption and economic growth in Ghana” *International Journal of Energy Economics and Policy*, 4(2), 34–40

Amfo-Otu, R., Waife, E. D., **Kwakwa, P. A.**, & Akpah-Yeboah, S. (2012). Willingness to pay for solid waste collection in semi-rural Ghana: A Logit estimation. *ZENITH International Journal of Multidisciplinary Research*, 2(7), 40-49.

Kwakwa, P. A., Arthur, E., & Obeng, S. (2012). Demand for Private Higher Education in Ghana: The Case of the Presbyterian University College Ghana, Akuapem Campus. *International Journal of Management Research and Reviews*, 2(5), 637-651

PAPERS UNDER REVIEW

Water conservation behaviour among opinion leaders in Ghana. *Journal of Environmental Management*
Natural resource abundance and economic growth in Tunisia. *Journal of Public Affairs*

RESEARCH WORK IN PROGRESS

Kwakwa, P.A *energy efficiency and inflation*

Kwakwa, P.A. *Electricity power losses in sub-Sahara Africa*

(with Arthur, E. and Alhassan, H) *The health effect of energy consumption in sub-Sahara Africa*

INTERNATIONAL ASSIGNMENTS

2014-Date: Reviewer, *African Development Review*

2014-Date: Reviewer, *Journal of Sustainable Development*

2015-Date Reviewer, *Review of Development Economics*

2017-Date: Reviewer, *Environmental Science and Pollution Research*

2018-Date: Reviewer, *International Journal of Energy Sector Management*

2018-Date: Reviewer, *Journal of Economic structure*

2014-Date Editorial Board Member, *Greener Journals*

2019-Date: Reviewer, *Energy Research & Social Science*

MEMBERSHIP OF INTERNATIONAL BODIES

African Association of Environment and Resource Economics (AFAERE)

SELECTED WORKSHOP, SEMINARS AND CONFERENCES ATTENDED

- Research workshop and development of collaborations, KNUST, Kumasi
July 12th 2018
- 2nd Colloquium of the Faculty of Science and Technology, PUCG, May 4, 2018 Presented a paper on “the effect of natural resource extraction on energy consumption”
- 3rd Academic Seminar of the Department of Business Administration and Economics: Presented a paper on “losing energy in the midst of shortage in Ghana”
- 1st -5th Academic Seminar held by the Akuapem Campus, Presbyterian University College, Ghana
- A workshop on Basic Higher Educational Skills Organized by the Association of African Universities held on January 30- February 02, 2017 at KNUST, Kumasi
- A workshop on sourcing for grants funding and proposal writing organized by the BS Africa Ltd at Kentikrono-Kumasi from May 26 – May 28, 2017.
- A workshop on Quality Assurance held organized by the Directorate of the Quality Assurance, Presbyterian University College, Ghana on November 2, 2017

VOLUNTARY ACTIVITIES/ LOCAL ASSIGNMENT

2015-2021: Choir Patron, Presbyterian University College, Ghana Okwahu Campus

2015-2017: Coordinator, Research and Colloquium, Department of Business Administration and

Economics, Presbyterian University College, Ghana
2016: Chairman, Peace Concert Committee, Presbyterian University College, Ghana
2016-2021: Chairperson, Carols Service Committee, Presbyterian University College Ghana
2014: Founding Member, PUCG *Applied Research Journal*, Presbyterian University College Ghana
2011- 2013 Chaplaincy Committee Member, Presbyterian University College
2011-2013: Member, Fund Raising Committee, Presbyterian University College Ghana
2011-2013: Member, Research and Seminar Committee, Presbyterian University College, Ghana
2005- Date Youth/Sunday School Teacher, Presbyterian Church of Ghana
2005-2007 Harvest and Finance Committee Member, Brofoyedu Presby Church

SKILLS AND CAPABILITIES

Innovative, resolute, Research Oriented, Computer Literate, Team Player, Trustworthy, Dedicated and Hardworking, ability to work under pressure

REFEREES

Prof. Edward Nketia Amponsah
Economics Department

University of Ghana, Accra
0244709009

Enamponsah@daad-alumni.de
Enamponsah@ug.edu.gh

Dr. Eric Arthur
Department of Economics

KNUST Kumasi, Ghana
0243161983

Earthur@knust.edu.gh

Dr. Hamdia Alhassan
University for Development
Studies, Tamale

0244563124

Abena567@yahoo.co.uk