Dr. Samuel Tawiah Baidoo

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PROFILE

Samuel Tawiah Baidoo is a Lecturer at the Department of Economics, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi. He serves as an Associate Editor for Economic Studies (Estudios Economicos) and Editorial Board Member for SN Business and Economics. He also serves as an article reviewer for several journals including Economics of Transition and Institutional Change, Research in Globalization, Review of Economics and Political Science, Social Science Quarterly, Foreign Trade Review, Journal of Economic and Administrative Sciences, African Journal of Science, Technology, Innovation and Development, and Cogent Economics and Finance.

Samuel Tawiah Baidoo holds Doctor of Philosophy in Economics from KNUST. He obtained his Master of Philosophy and Bachelor of Arts in Economics from the same university. Samuel benefited from study grant from the Volkswagen Foundation for his PhD studies. His research interests are in the area of International Trade and Finance, Economic Globalization, Macroeconomics, Financial Inclusion/Literacy and savings mobilization. Some of his research output have appeared in reputed peer reviewed journals and international conference proceedings.

RESEARCH

Interests	Domestic Savings Mobilization · Economic Globalization · International Trade and Finance · Monetary Economics · and Public Finance
Areas	Economics and Econometrics · Accounting · General Economics, Econometrics and Finance · Information Systems · Renewable Energy, Sustainability and the Environment · Finance

RESEARCH SUMMARY

52	1,030	19	22	3.85	40%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 52 publications listed below, 2001–2026. Field-weighted impact is the mean over the 42 works scored for it; 1.00 is the world average for works of the same field, type and year. 17 of the 42 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2022–present
Department of Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Graduate Assistant 2018–2022
Department of Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Project Research Assistant (Volkswagen Foundation) 2016–2022
Department of Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Loans Administrator 2010–2014
Operations, Bayport Financial Services, Nkawkaw Branch, Ghana

Municipal Facilitator 2009–2010
Grant and Reporting Accountability Improved Literacy (GRAIL)/ Academy for Educational Development (AED) Project, United States Agency for International Development, Ghana, Ghana

EDUCATION AND QUALIFICATIONS

PhD Economics 2018–2022
Department of Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Mphil (Economics) 2014–2016
Department of Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Bachelor of Arts (Economics) 2005–2009
Department of Economics, Kwame Nkrumah University of Science and Technology College of Science, Kumasi, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

International Editorial Board Member 2022–present
SN Business and Economics, NA, Switzerland

A PhD Scholarship 2018
Volkswagen Foundation, Germany, Germany

Research Grant for Masters Thesis 2016
Department of Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 51

1. Mohammed Jerromoah, **Samuel Tawiah Baidoo**, Hadrat Yusif, Samuel Owusu (2026). Examining the Relevance of Financial Sector Development in Demand for Money: Empirical Insight from Ghana. *Journal of Economic Analysis*. https://doi.org/10.58567/jea05020003
2. Paul K. Kumah, **Samuel T. Baidoo**, Hadrat Yusif, Margaret M. Tayviah (2026). Investigating the impacts of parental visits on the socio-psychological well-being of students in higher education. *Discover Psychology*. https://doi.org/10.1007/s44202-026-00595-w
3. **ST Baidoo** (2026). Understanding Community Perceptions of Climate Change and Mitigation Strategies: Evidence from Dakodwom, Ghana. *Ecological Civilization*. https://www.sciepublish.com/article/pii/948
4. Jennifer Asare-Lah, **Samuel Tawiah Baidoo**, Charles Mensah Asiedu, Richmond Akankpaboka Atuga, Josephine Gyamfua, Collins Owoahene (2025). Linking waste management practices and climate change perception in Ghana: Empirical insight from Moshie Zongo. *Sustainable Social Development*. https://doi.org/10.54517/ssd3379
5. Michael Kwowove Didongo, **Samuel Tawiah Baidoo** (2025). The Impact of Foreign Direct Investment on Agricultural Trade in Africa: Does Political Stability Matter? *International Social Science Journal*. https://doi.org/10.1111/issj.70005
6. **Samuel Tawiah Baidoo**, Daniel Sakyi, Emmanuel Buabeng (2024). Does financial sector development promote economic globalization in Africa? *Seikei ronsō/Review of economics and political science*. https://doi.org/10.1108/reps-08-2023-0089
7. Paul Kwasi Kumah, **Samuel Tawiah Baidoo**, Hadrat Yusif (2024). Investigating the role of parental involvement in enhancing academic performance of tertiary students: evidence from the Kwame Nkrumah University of Science and Technology, Kumasi. *Cogent Education*. https://doi.org/

10.1080/2331186x.2024.2361997

8. **Samuel Tawiah Baidoo**, Agnes Gyamfuaa Okyere, Charles Mensah Asiedu, Jennifer Asare-Lah, Richmond Akankpaboka Atuga, Richmond Odjidja, Rita Acquah (2024). Promoting business start-ups and expansion among women in Ghana: the role of mobile money technology. *SN Business & Economics*. https://doi.org/10.1007/s43546-024-00774-8
9. EK Ayesu, D Sakyi, **ST Baidoo** (2024). The effects of seaport efficiency on trade performance in Africa. *Maritime Policy & Management*.
10. Bright Tetteh, Franklin Bedakiyiba Baajike, **Samuel Tawiah Baidoo**, Esther Nuamah (2024). Women's economic empowerment in Africa: Is economic globalization friend or foe? *International Social Science Journal*. https://doi.org/10.1111/issj.12493
11. Matthew Kwabena Valogo, Emmanuel Duodu, Hadrat Yusif, **Samuel Tawiah Baidoo** (2023). Effect of exchange rate on inflation in the inflation targeting framework: Is the threshold level relevant? *Research in Globalization*. https://doi.org/10.1016/j.resglo.2023.100119
12. Hadrat Yusif, **Samuel Tawiah Baidoo**, Michael Kofi Hanson (2023). Estimating the effect of currency substitution on exchange rate volatility: Evidence from Ghana. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2023.2233318
13. **Samuel Tawiah Baidoo**, Daniel Sakyi, Enock Kojo Ayesu, Grace Nkansa Asante, John Bosco Dramani (2023). Estimating the effect of economic globalization on welfare in Africa. *SN Business & Economics*. https://doi.org/10.1007/s43546-023-00543-z
14. **Samuel Tawiah Baidoo**, Bright Tetteh, Elliot Boateng, Raphael Edem Ayibor (2023). Estimating the impact of economic globalization on economic growth of Ghana: Wavelet coherence and ARDL analysis. *Research in Globalization*. https://doi.org/10.1016/j.resglo.2023.100183
15. Eric Fosu Oteng-Abayie, Emmanuel Duodu, Seth Oduro, **Samuel Tawiah Baidoo** (2023). Greening the future: Unveiling the link between industrial structure upgrading and pollution emission in sub-Saharan Africa. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2023.2257069
16. Maxwell Abive-Bortsi, **Samuel Tawiah Baidoo**, Samuel Amiteye (2022). Assessment of Consumers' Perception of Chicken Eggs Consumption and Associated Health Implications in the Volta Region of Ghana. *Nutrition and Metabolic Insights*. https://doi.org/10.1177/11786388221118872
17. **Samuel Tawiah Baidoo**, Franklin Bedakiyiba Baajike, Enock Kojo Ayesu, Paul Owusu Takyi (2022). Does export destination matter for the economic growth of Ghana? *Estudios económicos*. https://doi.org/10.52292/j.estudecon.2022.3125
18. Bright Tetteh, **Samuel Tawiah Baidoo** (2022). Environmental degradation, energy use, and globalization in Ghana: New empirical evidence from regime switching and neural network autoregression models. *Sustainability Science Practice and Policy*. https://doi.org/10.1080/15487733.2022.2110680
19. Angela Akpemada Kwashie, **Samuel Tawiah Baidoo**, Enock Kojo Ayesu (2022). Investigating the impact of credit risk on financial performance of commercial banks in Ghana. *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2022.2109281
20. Emmanuel Duodu, **Samuel Tawiah Baidoo**, Hadrat Yusif, Prince Boakye Frimpong (2022). Money supply, budget deficit and inflation dynamics in Ghana: An empirical investigation. *Cogent Business & Management*. https://doi.org/10.1080/23311975.2022.2043810
21. Bright Tetteh, **Samuel Tawiah Baidoo**, Paul Owusu Takyi (2022). The effects of climate change on food production in Ghana: evidence from Maki (2012) cointegration and frequency domain causality models. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2022.2111061
22. Enock Kojo Ayesu, Daniel Sakyi, **Samuel Tawiah Baidoo** (2022). The effects of seaport efficiency on trade performance in Africa. *Maritime Policy & Management*. https://doi.org/10.1080/03088839.2022.2135178
23. **ST Baidoo** (2022). The impact of capital inflows on economic growth of Ghana: Does quality of institutions matter? *Journal of Public Affairs*.
24. **ST Baidoo**, EK Ayesu, PO Takyi (2022). ¿ Importa el destino de las exportaciones para el crecimiento económico de Ghana? *Estudios económicos*. https://dialnet.unirioja.es/servlet/articulo?codigo=8730346

25. Muhammad Dawood, **Samuel Tawiah Baidoo**, Syed Mehmood Raza Shah (2021). An empirical investigation into the determinants of external debt in Asian developing and transitioning economies. *Development Studies Research*. https://doi.org/10.1080/21665095.2021.1976658

26. Hadrat Yusif, Emmanuel Nii Oseku Ntreh, Daniel Sakyi, **Samuel Tawiah Baidoo** (2021). Do government agricultural policies affect production and export of cocoa in Ghana? *African Journal of Science Technology Innovation and Development*. https://doi.org/10.1080/20421338.2021.1975356

27. Linda Opoku, Raphael Appiah Akomeah, Alex Antwi, Evans Kwarteng, Grace Boatemaa, **Samuel Tawiah Baidoo**, Emmanuel Duodu (2021). Does government debt promote economic growth New empirical evidence from Ghana. *International Journal of Public Sector Performance Management*. https://doi.org/10.1504/ijpspm.2021.10036674

28. D Sakyi, **ST Baidoo**, EK Ayesu (2021). Empirical determinants of saving habits among commercial drivers in Ghana. *Journal of African Business*.

29. **ST Baidoo**, MM Tayviah (2021). Enhancing domestic savings mobilisation in Ghana: does religion matter? *International Journal of Business and Globalisation*. https://doi.org/10.1504/ijbg.2021.118683

30. GRACE NKANSA ASANTE, GIDEON AMANKWAH, GODWILL BRUCE NYARKOH, **SAMUEL TAWIAH BAIDOO** (2021). SUBSTITUTABILITY BETWEEN GOVERNMENT AND PRIVATE CONSUMPTION IN SUB-SAHARAN AFRICA. *Global economy journal*. https://doi.org/10.1142/s2194565921500123

31. Anthony Yaw Nsiah, Hadrat Yusif, George Tweneboah, Kwasi Agyei, **Samuel Tawiah Baidoo** (2021). The effect of financial inclusion on poverty reduction in Sub-Sahara Africa: Does threshold matter? *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2021.1903138

32. Daniel Sakyi, Christian Kwarteng Appiah, Enock Kojo Ayesu, Mustapha Immurana, **Samuel Tawiah Baidoo** (2020). A terminal level analysis of service quality at Nigerian seaports. *Journal of Shipping and Trade*. https://doi.org/10.1186/s41072-020-00069-9

33. **Samuel Tawiah Baidoo**, Daniel Sakyi, Jacob Benson Aidoo (2020). Does gender matter in credit denial among small and medium scale enterprises in Ghana. *International Journal of Entrepreneurship and Small Business*. https://doi.org/10.1504/ijesb.2020.104980

34. Grace Ofori-Abebrese, **Samuel Tawiah Baidoo**, Ebenezer Essiam (2020). Estimating the effects of financial inclusion on welfare in sub-Saharan Africa. *Cogent Business & Management*. https://doi.org/10.1080/23311975.2020.1839164

35. Emmanuel Duodu, **Samuel Tawiah Baidoo** (2020). How does quality of institutions affect the impact of trade openness on economic growth of Ghana? *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2020.1812258

36. **Samuel Tawiah Baidoo**, Hadrat Yusif, Enock Kojo Ayesu (2020). Improving loan repayment in Ghana: Does financial literacy matter? *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2020.1787693

37. Grace Ofori-Abebrese, **Samuel Tawiah Baidoo**, Stephen Tetteh Olesu (2020). Optimal tax rate for growth in Ghana: An empirical investigation. *Journal of Public Affairs*. https://doi.org/10.1002/pa.2223

38. Samuel Owusu, **Samuel Tawiah Baidoo** (2020). Providing a safety net for the vulnerable persons in Ghana: Does the extended family matter? *International Journal of Social Welfare*. https://doi.org/10.1111/ijsw.12446

39. Emmanuel Duodu, **Samuel Tawiah Baidoo** (2020). The impact of capital inflows on economic growth of Ghana: Does quality of institutions matter? *Journal of Public Affairs*. https://doi.org/10.1002/pa.2384

40. **ST Baidoo**, H Yusif (2020). Understanding the Determinants of Loan Demand in Ghana: Do Individuals' Socio-Demographic and Economic Characteristics Matter. *Journal of Science and Technology*. https://www.researchgate.net/profile/Samuel-Tawiah-Baidoo/publication/349916386_Understanding_the_determination_of_loan_demand_in_Ghana_Do_individuals'_socio-demographic_and_economic_characteristics_matter/links/60473f32a6fdcc9c7821abcd/Understanding-the-determination-of-loan-demand-in-Ghana-Do-individuals-socio-demographic-and-economic-characteristics-matter.pdf

41. **Samuel Tawiah Baidoo**, G. Ofori-Abrebrese, Hadrat Yusif (2020). Understanding the determination of loan

demand in Ghana: Do individuals' socio-demographic and economic characteristics matter? *Journal of Science and Technology (Ghana)*.

42. **Samuel Tawiah Baidoo**, Hadrat Yusif (2019). Does Interest Rate Influence Demand for Money? An Empirical Evidence from Ghana. *Economics Literature*. https://doi.org/10.22440/elit.1.1.2
43. **ST Baidoo** (2019). Does trust in financial institutions drive formal saving? Empirical evidence from Ghana. *International social science journal*. https://doi.org/10.1111/issj.12200
44. Daniel Sakyi, Patrick Opoku Onyinah, **Samuel Tawiah Baidoo**, Enock Kojo Ayesu (2019). Empirical Determinants of Saving Habits among Commercial Drivers in Ghana. *Journal of African Business*. https://doi.org/10.1080/15228916.2019.1695188
45. John Egyir, Daniel Sakyi, **Samuel Tawiah Baidoo** (2019). How does capital flows affect the impact of trade on economic growth in Africa? *Journal of International Trade & Economic Development*. https://doi.org/10.1080/09638199.2019.1692365
46. D Sakyi, H Yusif, **ST Baidoo** (2019). Multiple borrowing and loan default: Evidence from small and medium scale enterprises in Ghana. *Ghanaian Journal of Economics*. https://doi.org/10.10520/ejc-1b2f72f834
47. Grace Ofori-Abebrese, **Samuel Tawiah Baidoo**, Peter Yaw Osei (2019). The Effect of Exchange Rate and Interest Rate Volatilities on Stock Prices: Further Empirical Evidence from Ghana. *Economics Literature*. https://doi.org/10.22440/elit.1.2.3
48. Jacob Benson Aidoo, Daniel Sakyi, **SAMUEL TAWIAH BAIDOO** (2018). Does gender matter in credit denial among small and medium scale enterprises in Ghana. *International Journal of Entrepreneurship and Small Business*. https://doi.org/10.1504/ijesb.2018.10020309
49. **Samuel Tawiah Baidoo**, Elliot Boateng, Mary Amponsah (2018). Understanding the Determinants of Saving in Ghana: Does Financial Literacy Matter? *Journal of International Development*. https://doi.org/10.1002/jid.3377
50. **S. T. Baidoo**, H. Yusif, U. Anwar (2017). The effect of smallholder livestock production on income of farm households in Northern Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v36i3.2
51. Mensah, Yahaya, **Baidoo, Samuel** (2001). Bayesian Hierarchical Model Replication Study on Field Research Station Systems in Ghana,. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18729509

Reports 1

1. **Samuel Tawiah Baidoo**, Hadrat Yusif, Ultanika Indraswarni Anwar (2016). The effect of smallholder livestock production on income of farm households in Northern Ghana. *Munich Personal RePEc Archive (Ludwig Maximilian University of Munich)*.