

NKECHI S. OWOO

Email: nowoo@ug.edu.gh / nkechi.owoo@gmail.com

Tel: +233 240 356847

[Google Scholar](#), [ORCID](#), [LinkedIn](#), [Researchgate](#)

Development Economist and Professor of Economics with expertise in health and demographic economics, gender, climate risk, and applied econometrics. She has a strong track record of leading high-impact research and advising governments and international organizations on poverty, labour markets, and climate policy across Africa. She is a Principal and Co-Principal Investigator on multi-million-dollar international research programmes, including World Bank and Wellcome Trust-funded initiatives, and has contributed as a lead author to flagship global reports for the United Nations Environment Programme (Global Environment Outlook 7), UNICEF, and the Population Institute. Her work combines rigorous causal inference methods with policy-oriented economic analysis to generate decision-relevant evidence, and she serves in editorial leadership roles across leading journals in population, gender, and development economics.

EDUCATION:

Ph.D., Economics, Clark University, Massachusetts, USA, 2009- 2012

M.A., Economics, Clark University, Massachusetts, USA, 2007- 2009

B.A., Economics with Mathematics minor (First-Class Honors), University of Ghana, Ghana, 2002-2006

ACADEMIC APPOINTMENTS:

Professor, Department of Economics, University of Ghana, 2025- date

Non-Resident Research Associate, University of Pretoria, South Africa [African Centre for the Study of the United States (ACSUS_UP) and the Centre for Mediation in Africa (CMA)], 2025- 2028

Non-Resident Research Fellow, IZA Institute of Labour Economics, Bonn, Germany, 2023- date

Non-Resident Research Fellow, Center for Global Development, Washington DC, USA, 2023- date

Non-Resident Research Fellow, Partnership for Economic Policy (PEP), Nairobi, Kenya, 2023- date

Research Fellow, Environment and Natural Resource Research Initiative (ENRRI-EfD Ghana), 2018- date

Research Fellow, Africa Centre of Excellence for Poverty and Inequality Research (ACEIR), Ghana, 2018- date.

PREVIOUS APPOINTMENTS:

International & Local Consultant, World Bank, 2022-2026

Development Research Group (Human Development); Agriculture & Food GP (West & Central Africa);
Poverty & Equity GP (incl. LSMS and Ghana programs)

Associate Professor, Department of Economics, University of Ghana, 2020-2025

Invited Researcher, Abdul Latif Jameel Poverty Action Lab, 2022-2025

Visiting / Research Fellowships:

Bristol Poverty Institute, University of Bristol, 2023

Future Africa, University of Pretoria, 2022-2024

Population Institute, 2022-2023

University of Michigan (ASRI), 2017-2018

Cornell University (Dyson School of Applied Economics), 2016-2017

Assistant Policy Engagement Coordinator, Environment for Development (EfD), University of Ghana, 2021-2023

Senior Lecturer / Lecturer, Department of Economics, University of Ghana, 2013-2020

Early Career Roles:

Research Fellow/Mentee, World Bank (Agriculture in Africa Project), 2013-2014

Adjunct Faculty, Clark University, 2009-2012

Graduate Research & Teaching Assistant, Clark University, 2007-2010

Research Assistant, Institute of Statistical, Social and Economic Research, 2006-2007

RESEARCH EXPERTISE:

Health and Demographic Economics
 Gender Economics
 Poverty and Inequality in developing countries

Spatial Econometrics
 Environmental Sustainability
 Climate Change

PUBLICATIONS:**Peer-Reviewed Journal Articles**

- 1) **Owoo, N. S.** (2026). Aligning Development and Climate Goals: The Role of Poverty in Household Mitigation Strategies. *Development Policy Review*, DOI: 10.1111/dpr.70060
- 2) **Owoo, N. S.** (2025). Spatial and Regression Analyses of Climate Shocks and Household Food Insecurity in Ghana. *Environment, Development and Sustainability*, <https://doi.org/10.1007/s10668-025-06748-6>
- 3) Metzler, A. B., Nathvani, R., Sharmanska, V., Bai, W., Moulds, S., **Owoo, N. S.**, Fynn, I. E. M., Muller, E., Dufitimana, E., Akara G. K., Owusu, G., Agyei-Mensah, S., Ezzati, M. (2025). Unsupervised deep clustering of high-resolution satellite imagery reveals phenotypes of urban development in Sub-Saharan Africa. *Science of the Total Environment*, Volume 988,179739, ISSN 0048-9697,<https://doi.org/10.1016/j.scitotenv.2025.179739>
- 4) **Owoo, N. S.** (2025). Maternal Disability and Child Deaths: An Application of the Penalized Maximum Likelihood Logistic Estimation. *Research in Developmental Disabilities*, 160, 104972, ISSN 0891-4222, <https://doi.org/10.1016/j.ridd.2025.104972>
- 5) **Owoo, N. S.** (2025). Disability and Education in Ghana: Intersections with Sex and Location. *Population and Development Review*, <http://doi.org/10.1111/padr.70003>
- 6) Osei, R. D. and **Owoo, N. S.** (2024). Multi-dimensional Poverty and Health Outcomes in Ghana. *Social Science and Humanities Open*, <https://doi.org/10.1016/j.ssaho.2024.101108>
- 7) Delacroix, C. and **Owoo, N. S.** (2023). Documenting the perspectives of sub-Saharan African policy makers, researchers and activists on the reproductive rights, population dynamics, and environmental sustainability nexus, *World 4*(4), 758-775; <https://doi.org/10.3390/world4040048>
- 8) **Owoo, N. S.** (2023). Patriarchal norms, partner pronatalism and women's fertility intentions in Ghana. *African Journal of Reproductive Health*, 27 (2): 76- 86
- 9) **Owoo, N. S.** (2022). Couple's Decision-making Power, Women's Labour Market Outcomes and Asset Ownership. *Population Research and Policy Review*, DOI: 10.1007/s11113-022-09732-4
- 10) **Owoo, N.S.** and Osei, R. (2022). Exploring the Dynamics of Interhousehold Consumption Inequality in Ghana. *Journal of African Development*, Vol 23 (1): 87- 111, doi: 10.5325/jafrideve.23.1.0087
- 11) **Owoo, N.S.**, Lambon-Quayefio, M.P. (2022) Does Job Security Affect Fertility and Fertility Intentions in Ghana? Examining the Evidence. *Journal of Family and Economic Issues*, 43 (1): 86-99 <https://doi.org/10.1007/s10834-021-09758-4>
- 12) **Owoo, N.S.**, Lambon-Quayefio, M. P., Gyan, S. and Oduro, D. A. (2022). Exploring Hypotheses Relating to Women's Earnings and Domestic Work Among Couples in Ghana. *African Review of Economics and Finance*, ISSN 2042- 1478
- 13) **Owoo, N. S.**, Agadjanian, V. and Chama-Chiliba, C. (2021). Revisiting the Polygyny-Intimate Partner Violence Connection: The Role of Religion and Rank. *Journal of Marriage and Family*, Vol 83 (5): 1310-1331. <http://doi.org/10.1111/jomf.12777>
- 14) Christian, A.K., Biney, A.A.E., Atiglo, D.Y., Dodoo, N. D., Obeng-Dwamena, A., **Owoo, N. S.** & Dodoo, F. (2021). Being overweight and its association with risky sexual behaviour among female youth in Ghana. *SN Social Sciences 1*(3): 1- 15. <https://doi.org/10.1007/s43545-021-00084-y>
- 15) **Owoo, N. S.** & Lambon-Quayefio, M. P. (2021). Mixed Methods Exploration of Ghanaian Women's Domestic Work, Childcare and Effects on their Mental Health. *PlosOne 16* (2) <https://doi.org/10.1371/journal.pone.0245059>

- 16) Lambon-Quayefio, M. P. & **Owoo, N. S.** (2021). Investigating the Long-Term Effects of Child Labour on Household Poverty and Food Insecurity in Ghana. *Journal of Demographic Economics*, 87 (4): 561-587 <http://dx.doi.org/10.1017/dem.2020.29>
- 17) **Owoo, N. S.** (2020). Demographic Considerations and Food Security in Nigeria. *Journal of Social and Economic Development* 23 (1): 128-167 <https://doi.org/10.1007/s40847-020-00116-y>
- 18) **Owoo, N. S.** (2020). Occupational Prestige and Women's Experience of Intimate Partner Violence in Nigeria, *Feminist Economics*, 26 (4), 56- 88 <https://doi.org/10.1080/13545701.2020.1820064>
- 19) Piñeiro, V., Arias, J., Dürr, J., Elverdin, P., Ibáñez, A. M., Kinengyere, A., Opazo, C. M., **Owoo, N. S.**, Page, J., Prager, S. D. & Torero, M. (2020). A scoping review on incentives for sustainable agricultural practices: from adoption to outcomes, *Nature Sustainability*, <https://doi.org/10.1038/s41893-020-00617-y>
- 20) **Owoo, N. S.**, Lambon-Quayefio, M., Dávalos, J. & Manu, S. (2020). An Empirical Assessment of the Union 'Facilitation Effect' in the Ghanaian Labor Market. *Oxford Development Studies* 48 (3): 240- 255, DOI: 10.1080/13600818.2020.1808603
- 21) Abubakari, M., Nketiah-Amponsah, E. & **Owoo, N. S.** (2019). Socio-economic Determinants of Life Expectancy in Sub-Saharan Africa. *Ghanaian Journal of Economics*, 7, 156-177
- 22) **Owoo, N. S.**, Lambon-Quayefio, M. P., & Onuoha, N. A. (2019). Abortion Experience and Self-Efficacy: Exploring Socioeconomic Profiles of Ghanaian Women. *BMC Reproductive Health*, 16 (117) <https://doi.org/10.1186/s12978-019-0775-9>
- 23) **Owoo, N. S.**, Lambon-Quayefio, M. P., & Onuoha, N. A. (2019). Effects of Higher Spousal Earnings on Women's Social Empowerment in Ghana. *Forum for Social Economics* DOI: 10.1080/07360932.2019.1627671
- 24) **Owoo, N. S.**, Oduro, A., & Ackah, C. (2019). Exploring Firm Performance and Growth among Own-Account and Micro Enterprises in Ghana. *International Journal of Entrepreneurship and Small Business*, 38 (3), 294- 311
- 25) Sarpong, B., Nketiah-Amponsah, E., & **Owoo, N. S.** (2018). Health and Economic Growth Nexus: Evidence from Selected Sub-Saharan African (SSA) Countries. *Global Business Review*, 21 (2), 1- 20
- 26) Ampaw, S., Nketiah-Amponsah, E., **Owoo, N. S.** & Senadza, B. (2018). Nonfarm Enterprise Participation and Healthcare Expenditure among Farm Households in Rural Ghana. *International Journal of Social Economics* 46 (1), 18- 30. <https://doi.org/10.1108/ijse-06-2017-0248>
- 27) Ampaw, S., Nketiah-Amponsah, E., Senadza, B. & **Owoo, N. S.** (2018). Gender Perspective on Life Insurance Demand in Ghana. *International Journal of Social Economics*, 45 (12), 1631-46
- 28) Lambon-Quayefio, M. P., & **Owoo, N. S.** (2018). Child labour, Future Earnings and Occupation Choice: Evidence from Ghana. *International Journal of Social Economics*, 45(12), 1590-1608. <https://doi.org/10.1108/ijse-06-2017-0261>
- 29) Asuman, D., Boakye-Yiadom, L., & **Owoo, N. S.** (2018) Understanding Why Households Foster-in Children: Evidence from Ghana. *African Social Science Review*, 9 (1) Article 6. Available at: <https://digitalscholarship.tsu.edu/assr/vol9/iss1/6>
- 30) **Owoo, N. S.** (2018) Food Insecurity and Family Structure in Nigeria. *SSM- Population Health*, 4, 117-125. Doi: 10.1016/j.ssmph.2017.12.004. PMID: 29349280; PMCID: PMC5769104.
- 31) Awalime, D. K., Davies-Teye, B., Vanotoo, L., **Owoo, N.S.** & Nketiah-Amponsah, E. (2017). Economic evaluation of 2014 cholera outbreak in Ghana: A household cost analysis. *Health Economics Review*, 7 (45). <https://doi.org/10.1186/s13561-017-0182-2>
- 32) Lambon-Quayefio, M.P., & **Owoo, N. S.** (2017). Determinants and the impact of the National Health Insurance on neonatal mortality in Ghana. *Health Economics Review*, 7 (34), 1-16 <https://doi.org/10.1186/s13561-017-0169-z>

- 33) **Owoo, N. S.**, Lambon-Quayefio, M., & Onuoha, N. (2017). The Role of Demographic and Socioeconomic Factors, Leave Policy and Government Institutions on CS Deliveries in Ghana. *Journal of Public Health*, 25 (4), 1-8 <https://link.springer.com/article/10.1007/s10389-017-0816-1>
- 34) Salifu, M., Alhassan S., **Owoo, N. S.** & Boakye-Yiadom, L. (2016). Effect of National Health Insurance Holding on the Choice of Health Facility for Childbirth in Ghana. *Science Journal of Public Health* 4 (1), 26- 36
- 35) **Owoo, N. S.** (2016). A Spatio-Temporal Analysis of Non-Farm Enterprise Performance in Uganda: 2010-2012. *African Journal of Economic and Management Studies* 7(4), 535 – 546. <https://doi.org/10.1108/AJEMS-12-2014-0094>
- 36) **Owoo, N. S.** & Naude, W. (2016). Spatial Proximity and Firm Performance: Evidence from Non-Farm Rural Enterprises in Ethiopia and Nigeria. *Regional Studies*, 51 (5), 688-700 DOI: 10.1080/00343404.2015.1131896
- 37) **Owoo, N. S.** (2016). Determinants of Choice of Economic Sector in the Non-Farm Economy in Ghana. *African Journal of Economic and Sustainable Development*, 5 (1), 31-54
- 38) Agyei-Mensah, S. & **Owoo, N. S.** (2015). Explaining Regional Fertility Variations in Ghana. *Journal of Population Research* 32, 157- 172; DOI: 10.1007/s12546-015-9147-7.
- 39) **Owoo, N. S.**, Agyei-Mensah, S. & Onuoha, E. (2015). The Effect of Neighborhood Mortality Shocks on Fertility Preferences: A Spatial Econometric Approach. *The European Journal of Health Economics* 16 (6), 629-645; DOI: 10.1007/s10198-014-0615-3.
- 40) **Owoo, N. S.** & Boakye-Yiadom, L. (2015). The Gender Dimension of the Effects of Land Tenure Security on Agricultural Productivity: Some Evidence from Two Districts in Kenya. *Journal of International Development* 27, 917- 928 DOI: 10.1002/jid.3028.
- 41) Lambon-Quayefio, M. P. & **Owoo, N. S.** (2014). The Effect of Antenatal Care and Skilled Delivery on Neonatal Mortality in Ghana. *Applied Health Economics and Health Policy* 12 (5), 511-22. DOI: 10.1007/s40258-014-0103-z
- 42) **Owoo, N. S.** & Lambon-Quayefio, M. P. (2013). National Health Insurance, Social Influence and Antenatal Care Use. *Health Economics Review* 3 (19) DOI: 10.1186/2191-1991-3-19.

Book Chapters

- 43) Lacerda, J. S., Maccagno, P., Motta, R. S. D., **Owoo, N.**, Sangha, K., Tsani, S., & Xu, J. (2025). Solution Pathways for the Transformation of Economic and Financial Systems. In *Global Environment Outlook 7: A future we choose* (Vol. 7, pp. 693-748) <https://doi.org/10.59117/20.500.11822/49014>
- 44) Lambon-Quayefio, M. Ranchhod, V., Mwabu, G., **Owoo, N. S.**, Muriithi, M., Zanfini, L., Mutigi, R. (2025). Inequalities in Education and Health. In A. David, M. Leibbrandt, V. Ranchhod, & R. Yasser (Eds.), *Inequalities in Sub-Saharan Africa: Multidimensional Perspectives and Future Challenges*. World Bank Publication, **ISBN-10:** 146482150X
- 45) **Owoo, N. S.**, Shifa, M., Ranchhod, V. and Zhang, M. (2025). Spatial inequality – multidimensional inequalities across space. In A. David, M. Leibbrandt, V. Ranchhod, & R. Yasser (Eds.), *Inequalities in Sub-Saharan Africa: Multidimensional Perspectives and Future Challenges* (pp. 103- 128). World Bank Publication, **ISBN-10:** 146482150X
- 46) **Owoo, N. S.** and Lambon-Quayefio, M. (2020). *The Role of the Construction Sector in Ghana* in Page, J. & Tarp, F. (Eds.), *Mining for Change: Natural Resources and Industry in Africa, 2020*, Oxford University Press, Oxford, UK
- 47) **Owoo, N. S.** and Lambon-Quayefio, M. (2018). *The Agro Processing Industry and Its Potential for Structural Transformation of the Ghanaian Economy* in Page, J. and Tarp, F. (Eds.) *Industries without Smokestacks: Industrialization in Africa Reconsidered*, Oxford University Press, Oxford, UK
- 48) **Owoo, N. S.** and Page, J. (2017). *Industrial Policy in Ghana: From a Dominant State to Resource Abundance* in Aryeetey, E. and Kanbur, R. (Eds.), *The Economy of Ghana Sixty Years after Independence*. Oxford University Press, Oxford, UK

- 49) Aryeetey, E. and **Owoo, N. S.** (2017). *Ghana's Experiments with Business- Government Co-ordination* in Page, J. and Tarp, F. (Eds.) *The Practice of Industrial Policy: Government-Business Coordination in Africa and East Asia*, Oxford University Press, Oxford UK

Working Papers

- 50) **Owoo, N.** (2024). Interventions to promote health and reproductive rights in SSA and other developing countries- a systematic review identifying lessons learnt. *PEP Working Paper 2024-11*, ISSN 2709-7331
- 51) **Owoo, N.** (2024). Gender, Disability and Economic Outcomes, *PEP Working Paper 2024-10*, ISSN 2709-7331
- 52) **Owoo, N.**, Amankwa, A., Castaing, P, and Palacios-Lopez, A. (2024). Household Business Performance in Ghana: The Role of Personality Traits and Gender Role Attitudes. Policy Research Working Paper, WP 10804. LSMS, Washington, D.C., World Bank Group
- 53) **Owoo, N.** (2024). Climate shocks, adaptation, and wellbeing in Ghana- A mixed methods study. *Centre for Global Development, Working paper 692*.
- 54) Akuffo, A., Castaing, P. **Owoo, N.S.**, Palacios-Lopez, A. (2024). Labor Market Participation and Employment Choice in Ghana: Do Individual Personality Traits and Gender Role Attitudes Matter? *Policy Research Working Paper Series*; no. WPS 10664; LSMS, Washington, D.C., World Bank Group.
- 55) Lambon-Quayefio, M. P., Yeboah, T., **Owoo, N.**, Asiedu, E., Berko E., Zakariah, M. S., Koranchie, C., Agyemang, A. Y. N. (2023). What works for Youth Employment in Africa: A review of youth employment policies and their impact in Ghana. *PEP Working Paper Series, Working Paper 2023-18*, ISSN 2709-7331
- 56) **Owoo, N. S.**, Lambon-Quayefio, M. P., and Amaechina, E. (2022). Exploring the Evidence for Inward Diffusion of Soil Conservation Practices among Farmers in Nigeria: A Spatiotemporal Analysis. *Environment for Development Discussion Paper Series, Efd DP 22-08*
- 57) **Owoo, N.S.**, Osei, R. & Afranie, S. (2020). Exploring the Dynamics of Micro- Level Consumption Inequality in Ghana. *AFD Research Papers*, No. 148, ISSN 2492 – 2846
- 58) Boakye-Yiadom, L. & **Owoo, N. S.** (2017). Early Labour Market Transitions of Women in Low Income African Countries. A Descriptive Analysis for Ghana. *Advancing Women in Africa, Working Paper 2*
- 59) **Owoo, N. S.** & Naude, W. (2014). Non-Farm Enterprise Performance and Spatial Autocorrelation in Rural Africa: Evidence from Ethiopia and Nigeria, *IZA Discussion Papers; Institute for the Study of Labour, (IZA)*. No. 8295.

Books

- 60) Ankomah, A. R., Osei, R. D., Osei-Akoto, I., Asante, F. A., Oduro, A., **Owoo, N. S.**, Lambon-Quayefio, M. P., and Afranie, S. (2020). *Inequality Diagnostics for Ghana*. Rondebosch, South Africa: African Centre of Excellence for Inequality Research (ACEIR).

Selected Media and Public Scholarship:

- 1) *VoxDev*: What's holding back agriculture in Ghana? <https://voxdev.org/topic/agriculture/whats-holding-back-agriculture-ghana> 1st May, 2026
- 2) *Project Syndicate*: Give Women with Disabilities a Chance. <https://www.project-syndicate.org/commentary/helping-women-with-disabilities-escape-poverty-and-achieve-social-inclusion-by-nkechi-s-owoo-2024-03> 15th March 2024
- 3) *Forbes Africa*: World Population Set To Hit 8 Billion On November 15: What Does It Mean For Africa? <https://www.forbesafrica.com/current-affairs/2022/11/10/world-population-set-to-hit-8-billion-on-november-15-what-does-it-mean-for-africa/> 11th November 2022
- 4) *Food Tank*- 14th November 2022: Food Security and Family Planning are Linked. <https://foodtank.com/news/2022/11/food-security-and-family-planning-are-linked/> 2023
- 5) *The Conversation Africa*- Domestic violence and work status: which Nigerian women are most at risk. <https://theconversation.com/domestic-violence-and-work-status-which-nigerian-women-are-most-at-risk-182916> May 27, 2022.

Commissioned Articles, Research and Policy Briefs, Technical Reports

Major International Reports

Lead author and contributor to flagship reports for United Nations Environment Programme (Global Environment Outlook 7, 2025), Population Institute (ICPD+30, 2024), and UNICEF (2023).

Technical Reports & Economic Analysis

Technical and analytical reports for Copenhagen Consensus, including benefit–cost analyses and applied economic diagnostics.

Policy Briefs & Research Outputs

Policy and research briefs on gender, labour markets, health, and agriculture for Partnership for Economic Policy, Environment for Development, and Population Europe.

Commissioned Articles & National Policy Contributions

Commissioned work and policy outputs for International Food Policy Research Institute and Ghana-based institutions (ISSER, IEA), focusing on food security, labour markets, and macroeconomic policy.

GLOBAL ENGAGEMENT AND INVITED CONTRIBUTIONS: (100+ invited keynote, panel, and conference engagements across leading global platforms (e.g., NBER, UN Science Summit, World Bank, J-PAL, IUSSP, UNU-WIDER), including repeated invitations and leadership roles (keynote speaker, session chair, organizer, discussant).

Keynote & Invited Engagements:

National Bureau of Economic Research (2006, 2025, 2023); Berlin Demography Days (2022); MIASA Policy Conference (2023); United Nations Population Fund Expert Consultations (2024, 2025); MIT J-PAL Talks (2023, 2024); World Bank/AAAWE Panel (2021, 2023)

Major International Conferences (Presenter/Panelist):

Population Association of America (multiple years); International Association for Feminist Economics; Econometric Society; IZA/World Bank Jobs & Development; UNU-WIDER (multiple years); European Population Conference

Policy & Global Platforms:

UN General Assembly Science Summit (2023); Wilson Center; Africities Summit; SDGs Africa Summit

Leadership Roles:

Session Chair/Organizer/Discussant across IUSSP, CSAE, African Population Conference, and Nobel Symposium (STIAS)

Workshops & Specialized Engagements:

IFPRI, FAO, ACEIR, ARUA, Bristol Poverty Institute, and multiple international research seminars

RESEARCH LEADERSHIP & FUNDED PROJECTS:

- 1) "Africa Think Tank Platform (ATTP) Project- RAISED Africa - Research Alliance for Inclusive and Sustainable Economic Development Consortium"- Funded by World Bank, 2026- 2028 (Research Expert on PEP team)
- 2) "Climate Change Resilient Equitable Healthy Cities in Africa (CLARITY-Africa)- £6,369,460". Funded by Wellcome Trust, 2024-2030 (Co-Investigator/ Work Package Co-Lead)
- 3) "Multidimensional Poverty and Climate Adaptation and Mitigation Activities in Ghana- \$26,000". Funded by Carnegie Corporation of New York (CCNY), 2022- 2024 (Principal Investigator)
- 4) "Work and Family": Experiments to Minimize Role Conflicts and Enhance Business Performance among Women Entrepreneurs in Ghana- \$67,479.30". Funded by the Jobs and Opportunity Initiative (JOI)- Abdul Latif Jameel Poverty Action Lab (JPAL), 2022-2024 (Co- Principal Investigator with Peter Quartey, Monica P. Lambon-Quayefio and Edward Asiedu, University of Ghana)
- 5) "What Works for Youth Employment in Africa: A review of existing policies and empirical analysis- \$25,000". Funded by Mastercard Foundation and Partnership for Economic Policy (PEP), 2022- 2024 (Co- Principal Investigator with Monica P. Lambon-Quayefio and Edward Asiedu, University of Ghana)
- 6) "Inclusive Low-Carbon Transitions for Sustainable Development in the Global South: Development of an Actionable Research Agenda- 1.2 million CAD". Funded by the International Development Research Centre (IDRC), 2021- 2022 (Co-Investigator on Ghana team with Wisdom Akpalu and Anthony Amoah)
- 7) "A spatiotemporal analysis of adoption of soil conservation practices in Nigeria: 2011-2016- \$48,000", Funded by Environment for Development Initiative (EfD), 2021- 2022 (Principal Investigator with Monica P. Lambon-Quayefio, University of Ghana; and Ebele Amaechina, University of Nigeria)
- 8) "DigiFi- Leveraging National Identification and Digital Payment Systems to Nudge Informal Pension Contributions in Ghana- \$75,000", Funded by Abdul Latif Jameel Poverty Action Lab (JPAL), 2020- 2022 (Co-Principal Investigator with Edward Asiedu and Monica P. Lambon-Quayefio, University of Ghana)
- 9) "Transforming Social Inequalities through Inclusive Climate Action (TSITICA)" Funded by Economic and Social Research Council-ESRC, 2020- 2023 (Co-investigator on Ghana Team with Robert Osei, Abena Oduro and Monica Lambon-Quayefio, University of Ghana)
- 10) "Re-examining Traditional Method Use: Desperation or innovation? - \$340,000", Funded by Bill and Melinda Gates Foundation, 2020-2023 (Co-Investigator on Ghana Team with Francis Dodoo and Naa Dodua Dodoo, University of Ghana)
- 11) "Health Care financing in Africa- Country Case Studies- \$15,000", Funded by African Economic Research Consortium (AERC), 2019- 2020 (Co-Investigator with Abena Oduro and Monica P. Lambon-Quayefio, University of Ghana)
- 12) "Fertility and Food Security in Nigeria- \$25,300", Funded by International Union for the Scientific Study of Population-IUSSP, 2019-2020 (Principal Investigator)
- 13) "Growth and Labor Markets in Low Income Countries- €93,000", Funded by IZA and DFID, 2018- 2020 (Co Investigator with Abena Oduro and Monica P. Lambon-Quayefio, University of Ghana)
- 14) "The Role of the Construction Sector- Country Study- \$10,000" Funded by UNU-WIDER, 2017-2018 (Principal Investigator with Monica P. Lambon-Quayefio, University of Ghana)
- 15) "Fertility and Education in Ghana- \$10,000", Funded by African Studies Center (ASC), University of Michigan, 2017 (Co-Principal Investigator with David Lam, University of Michigan)
- 16) "Industries Without Smokestacks: Implications for Africa's Industrialization- \$10,000", Funded by UNU-WIDER, 2015- 2016 (Principal Investigator with Monica P. Lambon-Quayefio)
- 17) "Food Security and Family Structure- \$5,000", Funded by World Bank, IDRC, AfDB, Cornell University, 2016- 2017 (Principal Investigator)

- 18) "Non-Wage Benefits and Union Facilitation Effects- \$24,000", Funded by Partnership for Economic Policy (PEP) / IDRC, 2015- 2016 (Principal Investigator with Jorge Davalos, Samuel Manu and Monica P. Lambon-Quayefio)
- 19) "Moderating Effects of Parental Perceptions on Education Interventions in Rural Morocco- \$10,000", Global Ties for Children, Funded by New York University, 2015- 2016 (Principal Investigator)
- 20) "Implementing Industrial Policy in Africa- \$5,000", Funded by KOICA/ UNU-WIDER, 2014 (Co-Principal Investigator with Ernest Aryeetey, University of Ghana)
- 21) "Fertility Variations in Ghana and Burkina Faso- \$5,000", Funded by INDEPTH Network, 2013- 2014 (Principal Investigator)

FELLOWSHIPS, AWARDS AND RECOGNITION:

Fellowships

Recipient of multiple international fellowships, including the Next Generation Fellowship (University of Bristol), Far-LEAF Fellowship (University of Pretoria / Carnegie Corporation), IUSSP Urban Family Planning Fellowship, and STAARS Fellowship.

Awards

Recipient of the Peter Berck Best Discussion Paper Award (EFD), Africa Oxford Initiative Travel Award (University of Oxford), and Most Promising Young Scholar (University of Ghana).

Recognition & Features

Featured by Abdul Latif Jameel Poverty Action Lab and the International Economic Association, among others.

Early Career Fellowships & Scholarships

Fellowships and scholarships from New York University (Abu Dhabi), the University of Michigan, the World Bank, and the Hewlett Foundation.

LEADERSHIP, POLICY AND PROFESSIONAL ENGAGEMENT:

Resource Person

Contributor, UNICEF Child Poverty report, 2023

Lead Author, United Nations Environment Programme (UNEP), Global Environment Outlook (GEO-7), 2023

Expert Reviewer, ILO time-use survey module, 2023

Peer Reviewer, J-PAL's Jobs and Opportunities Request for Proposals, Round 6, 2022

External Reviewer, Impact Evaluation e-Learning Course, Food Security Portal and AGRODEP, 2020

External Reviewer (Full Project Proposals), ALL-IN Initiative (collaboration of the Feed the Future Innovation Lab for Markets, Risk and Resilience (MRR Innovation Lab) and the International Center for Evaluation and Development (ICED), 2020

Editorial Leadership and Service

Statistical Reviewer, The Lancet Regional Health- Africa, 2026

Guest Managing Editor, Journal of African Economies, 2026

Editorial Board Member, Populations, MPDI, 2026- date

Editorial Board Member, Feminist Economics, 2023- 2026

Editorial Board Member, Canadian Studies in Population, 2023- date

Editorial Board Member, Journal of African Population Studies, 2023- 2027

Editorial Board Member, European Journal of Population, 2022- date

Guest Editor, Sage Open, 2019

Consulting and Policy Advisory Experience:

- Lead Consultant, Green Employment Diagnostic study for a Just Transition in Ghana, International Labour Organization (ILO), 2026
- Lead Consultant, Hewlett/ Partnership for Economic Policy (PEP), Building sustainable and synergistic EIP ecosystems in East Africa, 2026-2027
- Consultant, The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Gender Investment Index-Excel Template, 2025
- Lead Consultant, World Bank, Jobs quality and poverty analyses, 2024- 2025
- Lead Consultant, Partnership for Economic Policy (PEP)/ Global Affairs Canada, LKMP Bolivia project: Peces para la vida (Fish for Life), 2024- 2025
- Lead Consultant, World Bank, Supporting a Rapid Assessment of State of Drought Severity in Ghana for the 2024 Major Planting Season, 2024
- Consultant, The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Construction and Validation of a Gender Investment Index, 2024
- Lead Consultant, World Bank, Push and pull factors of households' entry into the informal business arena, 2024- 2025
- Lead Consultant, Hewlett Foundation/ AFIDEP, Women Economic Empowerment and Macroeconomic Policy in Ghana, 2024
- Lead Consultant, World Bank, Rural income diagnostic with a focus on agricultural livelihoods, 2024- 2025
- Consultant, World Bank/ Government of Sierra Leone, Research on Status of Youth in Sierra Leone, 2024
- Lead Consultant, Partnership for Economic Policy (PEP)/ Global Affairs Canada, Health and Reproductive Rights- Systematic review, 2024
- Consultant, Ministry of Finance, Ghana, A Study on Commercial Equity Holdings of the Government of Ghana, 2023- 2024
- Consultant, UK Foreign Commonwealth and Development Office (FCDO), Climate Change Capacity Assessments for the Resilience and Adaptation Mainstreaming Program (RAMP), 2022
- Consultant, French Embassy, Survey and Analysis of French Language and Related Culture, 2021
- Consultant, UNDP/ DPA, Socio-Economic Impacts of COVID-19 in West Sahel and Lake Chad Basin, 2021
- Consultant, Ministry of Planning, Ghana: Costing of the SDGs for Ghana, 2020- 2021
- Lead Consultant, Copenhagen Consensus USA, Ghana Priorities Project, 2019
- Consultant, Food and Agriculture Organization (FAO), Ceres 2030 Project, Italy, 2019
- Lead Consultant, International Food Policy Research Institute (IFPRI), Ghana: Evaluating the New Alliance for Food Security and Nutrition Project, 2017-2018
- Consultant, African Development Bank (ADB): Regional report, 2017
- Lead Consultant, Kosmos Energy, Kosmos Innovation Center (KIC), Ghana, 2017- 2018
- Consultant, Growth and Economic Opportunities for Women (GRoW) Project, Ghana, 2014- 2017
- Consultant, Gender and Enterprise Development in Africa (GENDA) Project, Ghana, 2013- 2014

Mentorship and Capacity Building: *(Mentored students and early-career researchers across multiple international programs (World Bank, MPIDR, AfHEA, AAAWE), supporting capacity building in applied economics and policy research)*

- Co-Organizer*, 1st Annual World Bank–University of Ghana Graduate Student Colloquium, World Bank Ghana Office, Accra, May 2026
- Mentor*, Population & Social Data Science Summer Incubator, Max Planck Institute for Demographic Research (MPIDR), Germany, 2026
- Scientific Mentor*, Research Project funded by Partnership for Economic Policy, 2024-2025
- Mentor*, Economists for Transformation Female Mentorship program, Association for the Advancement of African Women Economists (AAAWE), World Bank Group, January 2023- date.

Panelist - Time with Women in STEM- GirdedUp Project. Accra, Ghana, November 2023

Mentor, African Health Economics and Policy Association (AfHEA), in collaboration with WHO-Africa Region (AFRO) and ISSER, 2023

Mentor, Ghana Statistical Service (GSS) Research team, Ghana, 2023

Invited Speaker, Mastering Grant Proposal Writing: Increasing Locally Grounded and Southern-Led Research, IPA- Nigeria and JPAL, July 2023

Mentor, Lunch meeting with students from Expanding Diversity in Economics (EDE) Summer Institute, Development Economics Research Group, World Bank, June 2023

Referee/ Reviewer for Selected Journals:

Referee for leading journals in development, health, gender, and population economics, including World Development, Demography, Feminist Economics, Health Economics, Food Policy, Ecological Economics, Population and Development Review, and Oxford Development Studies, among others.

Professional Memberships:

Member of leading international and regional associations, including the African Economic Research Consortium, Partnership for Economic Policy, International Union for the Scientific Study of Population, Population Association of America, The Econometric Society, and Association for the Advancement of African Women Economists, among others.

International Committees and Leadership:

Member, *IUSSP Scientific Panel on Climate and Environmental Demography*, International Union for the Scientific Study of Population (IUSSP), 2026–date

Member of Governing Board- Representative for Africa region, International Union for the Scientific Study of Population (IUSSP), 2022- 2025

University Representative, Women in Economics, Ghana, 2021

Contributor, International Union for the Scientific Study of Population (IUSSP) Conference Planning Committee, 2020

Contributor, African Social Research Institute (ASRI) Steering Committee, University of Michigan, U.S.A., 2018-2023

Member, *Steering Committee*, IUSSP Scientific Panel on Population, Poverty and Inequality, USA, 2018- 2021

Contributor, International Union for the Scientific Study of Population (IUSSP) Conference Planning Committee, 2019

Conference Session Organizer, African Population Conference (APC), Entebbe, Uganda, 2019

Advanced Training in Research Methods

Advanced training in poverty analysis, gender-sensitive macroeconomic modelling, and microsimulation (GHAMOD)

Coursework in impact evaluation methods (RCTs, DiD, PSM, RD) through Partnership for Economic Policy and New York University Abu Dhabi

Specialized training in data analysis and spatial methods (R, ICPSR Summer Program) at the University of Cape Town and the University of Michigan

Training in research communication and systematic reviews with the Food and Agriculture Organization and the African Population and Health Research Center / International Union for the Scientific Study of Population

Additional academic training and study visits at the University of Bristol, Antioch University, the University of Laval, and Clark University

GRADUATE SUPERVISION (COMPLETED), UNIVERSITY OF GHANA

PhD Economics: 3 | MPhil Economics: 20 | Economic Policy Management (EPM): 22

TEACHING EXPERIENCE

Graduate (PhD & MA), University of Ghana: Applied Econometrics; Health Economics; Microeconomics; Macroeconomics; Gender Economics; Quantitative Methods for Public Policy

Undergraduate, University of Ghana: Principles of Economics; Economy of Ghana; Labour Economics; Project Supervision

International Teaching: Principles & International Economics, Clark University; Guest Lecturer, Gender Economics, Johns Hopkins University (2022)

EXAMINATION AND ACADEMIC ASSESSMENT

External Examiner (PhD and Graduate Theses): University of Pretoria; Erasmus University; University of Cape Town

Panelist and Internal Examiner for PhD and MPhil Vivas, University of Ghana

Extensive experience assessing graduate research in development, health, and applied econometrics

POLICY ENGAGEMENT AND RESEARCH DISSEMINATION

Media Engagement:

Contributions to Business and Financial Times, Graphic, Ghanaian Times, and CitiFM on labour markets, gender, and economic policy

Policy Dialogues & Sessions:

Participation in national and international policy forums, including Ghana economic policy discussions, ACEIR inequality diagnostics, and International Union for the Scientific Study of Population policy sessions

Project Dissemination Workshops:

Stakeholder engagement through GLM | LIC, GROW, and GENDA project workshops

Public Engagement & Media Appearances:

Podcasts, radio, and video features with Population Institute, Federal Institute for Population Research, University of Michigan, and World Bank

LEADERSHIP AND SERVICE:

University Leadership & Service

Chair, Conference & Seminar Committee; Chair, Research Chair Committee; Chair, Computer & Website Committee

Contributor, Academic Board (College & University) and multiple university-level committees (e.g., research collaborations, teaching policy, admissions, search panels)

Contributions to curriculum development, graduate supervision processes, and academic programming

National Engagement & Leadership

Board Member, Investcorp Asset Management Limited; Member, Investment Committee

Board Member (VP Finance), Eco Games; Chair, Dison International School Board;

Representative, Women in Economics Ghana

Contributor, Council on Foreign Relations, Ghana (Research & Policy Committee)

International Leadership & Service

Governing Board Member (Africa), International Union for the Scientific Study of Population

Member, Scientific and Advisory Committees (World Bank, APC, AfHEA, AREF)

Editorial Board Member: Feminist Economics, European Journal of Population, Canadian Studies in
Population, Populations-MDPI
Steering Committee Member, African Social Research Institute