

Eric Arthur (PhD)

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Gender: Male

Nationality: Ghanaian

Education

Doctor of Philosophy (Economics): University of Benin, Benin City, Nigeria (2015).

Master of Philosophy (Economics): University of Ghana, Legon, Ghana (2010).

Bachelor of Arts (Economics): University of Ghana, Legon, Ghana (2007).

Training

- **African Economic Research Consortium (AERC):** (June 29 – October 4, 2009). - Joint Facility for Electives (JFE) for MPhil Economics (CMAP).
- **African Economic Research Consortium (AERC):** (June 29 to November 2, 2012). Joint Facility for Elective (JFE) for PhD Economics (CPP).
- **Innovations for Poverty Action (IPA)** - Research Methods Workshop on Experimental Design for Savings and Payments Research (June 19-23, Kampala).

Work Experience

August 1, 2020 to Date: Senior Lecturer, Department of Economics, Kwame Nkrumah University of Science and Technology.

September to December, 2025: Guest Lecturer: Mount Kenya University, Nairobi under the African Centre for Career Enhancement and Skills Support (ACCESS) program

January 1, 2016 to July 31, 2020: Lecturer, Department of Economics, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.

August 2017 to August, 2020: Visiting Lecturer; Centre for Reproductive Health Innovation (CERHI), University of Benin, Benin City, Nigeria.

March 2015: Part time Lecturer, Department of Economics, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.

Budget Expert, Parliamentary Centre, Accra: Developing budget oversight capacity of Members of Parliament and Parliamentary staff in five African countries (Kenya, Ghana, Uganda, Tanzania and Zambia), 2011.

Service Records and Responsibilities**a) University Community**

- Assistant Faculty Examinations Officer, Faculty of Social Sciences (2022- date).
- Examinations Officer for IDL programmes, Department of Economics (2020 to 2022)
- Assistant Examinations Officer, Department of Economics (2020 to 2022).
- Member, Departmental Accreditation Committee, Department of Economics, 2022-date.

- Member, Scientific Committee for Online Conference, KNUST 2024
- MPhil Coordinator, Department of Economics (2020 to 2024).
- PhD Coordinator, Department of Economics (2020 to 2024)
- Member, Joint Committee for Health Economics programmes in KNUST for the Faculty of Social Sciences, School of Public Health and Department of Pharmacy Practice.
- Moderator for BSc Economics and Statistics at Garden City University College, Ghana (August, 2022 to July, 2024).
- Chairman for Health Economics Committee, Department of Economics, KNUST.
- Member, Examinations Committee, Faculty of Social Sciences, KNUST.
- Member, Committee to Develop Short Courses at the Department of Economics, KNUST.
- Chairman, Accreditation Committee, Department of Economics (2024 to date)

b) National and International Community

- **External Examiner:**
 - University of Cape Coast, School of Economics (UCC)
 - University of Ghana, School of Public Health (UG SPH)
 - University of Ghana, Centre for Social Policy Studies (UG CSPS)
 - Namibia University of Science and Technology (NUST)
 - University of Kwazulu Natal, South Africa
 - University of The Witwatersrand, Johannesburg, South Africa,
 - University of Szeged, Hungary
 - University of Malawi
- **Associate Editor**, International Journal of Social Economics, 2023 to date.
- **Resource Person**, Ghana Living Standards Survey Round 8 questionnaires reviews. Ghana Statistical Service, 2023.
- **Resource Person**, United Nations Stakeholder Consultation on Data and Research Agenda for GoG/UNFPA 8th Country Programme.
- **Resource Person**, Ghana Living Standards Round 8 training for Field Officers. Ghana Statistical Service, 2024.
- **Reviewer** for International Health Economics Association 2021 Conference.
- **Reviewer** for the following journals:
 - BMC Public Health
 - Natural Resources Forum
 - InderScience Publishers
 - Scientific African

Professional Associations

- African Health Economics and Policy Association (AfHEA)
- International Health Economics Association (iHEA)

- African Finance and Economic Association (AFEA)
- World Education Research Association (WERA)

Grants/Consulting/Research Projects

Guest Lecturer: Mount Kenya University, Nairobi, under the African Centre for Career Enhancement and Skills Support (ACCESS) program (September to December, 2025).

Consultant: National Development Planning Commission to Update the Ghana Country Population Profile for National Transfer Accounts/ Demographic Dividend Programming.

Consultant: SPARC Technical Partnership for Strategic Health Purchasing in Ghana, Strategic Purchasing Africa Resource Center, 2019 to 2024.

Consultant for Lancet Commission: The Political Economy of Changing Provider Payment to Capitation in Primary Healthcare in Ghana, 2022.

Consultant: United Nations Population Fund on Investment cases for the three transformative results in Ghana, 2023.

Consultant; Gender, Poverty and Social Policy Division (GPSD) of the United Nations Economic Commission for Africa on the project “Healthcare and Economic Growth in Africa (HEGA II)”, 2021.

Co-convener: World Education network on “*Building Resilience of tertiary education institutions in Africa to tackle COVID-19 and future epidemics: A multidisciplinary research network:*”

Grant for short course on “Data analysis and Scientific writing”, from The Centre of Excellence in Reproductive Healthcare Innovation (CERHI), University of Benin.

Facilitator: National Transfer Accounts Country Level Training by RIPS and KNUST In Ghana. *United Nations Population Fund (UNFPA), 2018.*

Visiting Research fellow: African Development Bank (AfDB)/ African Economic Research Consortium (AERC), May 1, 2016 – July 31, 2016.

Grant from African Research Consortium: Novignon J., Arthur E. and Nonvignon J. “Health Insurance and the Economic Impact of Health Shocks in Ghana”, 2019.

Grant from African Research Consortium: Atim C., Novignon J. and Arthur E. “An analysis of Domestic Financing for Maternal, Neo-natal and Child Health in Sub-Saharan Africa”. African Economic Research Consortium (AERC) Collaborative Research. 2017.

Team Member: An Evaluation of the Ghana School Feeding program with Ernst and Young (September 2011, Ashanti Region)

Team Member: An Evaluation of the Teaching and Learning Innovation Fund (TALIF) Sponsored projects in Ghana (September 2011, Northern Region).

Team Member: An evaluation of the Kejetia Market project, Kumasi, Ashanti region.

Team Member: Costing of CHPS compounds in Ghana.

Graduate Supervision

I have supervised four Doctor of Philosophy Students, eight Master of Philosophy students and more than 50 Master of Science students to completion. I have listed a few of the most recent PhD and Master’s thesis I have supervised below with their topics and years of completion.

Enoch Kojo Ayesu (PhD Economics) “Studies On Seaport Efficiency, Trade and Economic performance In Africa” (November, 2022)

Albert Opoku Frimpong (PhD Economics) “Studies On Financial Protection Against Costs of Health Services in Sub-Saharan Africa” (November, 2021)

William Angko (PhD Economics) “Studies On Fertility and Contraception in Ghana” November, 2020.

Samuel Owusu (PhD Economics “Studies on Household Behaviour, Human Capital Accumulation and Economic Welfare in Ghana: Evidence from Alcohol Consumption, Demand Dynamics and Time Preference” November, 2025.

Seth Osei Akoto (MPhil Economics) “The Effects of Environmental Quality on Health Outcomes in Africa: Does Institutional Quality Matter?” November, 2023.

Essel Hamamat (MPhil Economics) “The Impact of Women’s Empowerment on Fertility Preferences In Ghana” March, 2023.

Raphael Amexo (MPhil Economic “Socioeconomic inequality in quality antenatal care utilization and childhood birth weight in Ghana” March, 2023.

Agyapong Anna Yaa Afra (Msc Economics) “The Effect of Trade Openness on Non-Communicable Disease Rise in Sub-Saharan Africa” March, 2024.

Ibrahim Nadhira Saeed (Msc Development Finance) “Corporate Governance and Firm Performance: A Case Study of Selected Banks in Ghana” March, 2024.

Anthony Kwame Boateng (MSc Economics) “The Effects of Foreign Direct Investment on Health Outcomes in Ghana” March, 2022.

Research visibility

1. KNUST Webpage

<https://webapps.knust.edu.gh/staff/dirsearch/profile/areas-of-interest/cb6dd6e27f21.html#researchinterests>

2. Google Scholar

<https://scholar.google.com/citations?user=019AoA4AAAAJ&hl=en>

3. ResearchGate

<https://www.researchgate.net/profile/Eric-Arthur-2>

4. Web of Science/ORCID iD

<https://www.webofscience.com/wos/author/record/KIB-4801-2024> <https://orcid.org/my-orcid?orcid=0000-0003-2327-1797>

5. Scopus

<https://www.scopus.com/authid/detail.uri?authorId=55622247900#tab=metrics>

List of Publications

Novignon, J., **Arthur, E.**, Tabiri, K. G., Atakorah, Y. B., & Novignon, J. (2024). Does health insurance mitigate the economic impact of negative health outcomes? Evidence from Ghana's National Health Insurance Scheme. *Journal of Social and Economic Development*, 26(2), 582-602.

Atakorah, Y. B., **Arthur, E.**, Osei-Fosu, A. K., & Novignon, J. (2024). The impact of Ghana's national health insurance exemption policies on healthcare-seeking behaviour. *SSM-Health Systems*, 3, 100035.

Atakorah, Y. B., **Arthur, E.**, Osei-Fosu, A. K., & Novignon, J. (2024). Economic inequalities in health insurance subscription renewal: Evidence from Ghana's National Health Insurance Scheme. *Social Science & Medicine*, 341, 116514.

Amporfu, E., **Arthur, E.**, & Novignon, J. (2023). Billing the Insured: An Assessment of Out-of-Pocket Payment by Insured Patients in Ghana. *Health Services Insights*, 16, 11786329221149397.

Frimpong, A. O., Amporfu, E., & **Arthur, E.** (2022). Effects of Public and External Health Spending on Out-of-Pocket Payments for Healthcare in Sub-Saharan Africa. *Health Policy and Planning*.

Ayesu K. E., Sakyi D., Arthur E., Osei-Fosu A. Ak., The impact of trade on African welfare: Does seaport efficiency channel matter? *Research in Globalization* (2022).

Angko, W., **Arthur, E.**, & Yussif, H. M. (2022). Fertility among women in Ghana: Do child mortality and education matter? *Scientific African*, e01142.

Amporfu, E., Agyei-Baffour, P., Edusei, A., Novignon, J., & **Arthur, E.** (2022). Strategic health purchasing progress mapping: a spotlight on Ghana's National Health Insurance Scheme. *Health Systems & Reform*, 8(2), e2058337.

Amporfu E, **Arthur E.** (2022) Ghana's Experience with Changing Provider Payment to Capitation in Primary Health Care. Lancet Global Health Commission on Financing Primary Health Care. Working Paper No. 5. 2022

Forson, P., Dramani, J. B., Frimpong, P. B., **Arthur, E.**, & Mahawiya, S. (2022). Effect of oil price volatility on trade balance in sub-Saharan Africa. *OPEC Energy Review*.

Owusu, G. M. Y., Saat, N. A. M., Suppiah, S. D. K., & **Arthur, E.** (2021). Determinants of foreign direct investment in Africa: The role of international accounting standards. *African Journal of Management Research*, 28(2), 33-49.

Frimpong, A. O., Amporfu, E., & **Arthur, E.** (2021) Effect of the Ghana National Health Insurance Scheme on exit time from catastrophic healthcare expenditure. *African Development Review*.

Novignon, J. Lanko, C. and **Arthur, E.** (2021). Political economy and the pursuit of universal health coverage in Ghana: a case of the National Health Insurance Scheme. *Health Policy and Planning*

Kwankye, S. O., Frempong-Ainguah, F., **Arthur, E.**, & Amporfu, E. (2021). Understanding the demographic dividend in Ghana, Sierra Leone and The Gambia: Prospects or missed opportunities. *Ghana Journal of Geography*, 13(1), 25-49.

Kwasi G. T. , **Arthur E.**, Novignon J. and Frimpong P. B. (2021) Access to credit and informal firm performance: Evidence from Sub-Saharan Africa. *African Review of Economics and Finance*.

Novignon, J., **Arthur, E.**, & Nonvignon, J. (2021). Health Insurance and the Economic Impact of Negative Health Outcomes in Ghana. AERC Research Paper 468; African Economic Research Consortium Working paper, September 2021.

Arthur, E. and Oaikhenan, H. E. (2020). Health Outcomes and Economic Growth in Sub-Saharan Africa. *African Journal of Health Economics*, 8(2): 18–31.

Wallace, L. J., Nouvet, E., Bortolussi, R., Arthur, J. A., Amporfu, **E.**, **Arthur, E.**, ... & Joe-Ikechebelu, N. (2020). COVID-19 in sub-Saharan Africa: impacts on vulnerable populations and sustaining home-grown solutions. *Canadian Journal of Public Health*, 1-5.

Atim C., **Arthur E.**, Achala D. M., Novignon J, (2019). An Assessment of Domestic Financing for Reproductive, Maternal, Neonatal and Child Health in Sub-Saharan Africa: Potential Gains and Fiscal Space. *Applied Health Economics and Health Policy*.

Arthur, E. (2019). The Effect of Household Socioeconomic Status on the Demand for Child Health Care Services. *African Development Review*, 31(1), 87-98.

Arthur (2019). Effect of household socio-economic factors on child nutritional status in Ghana, Kenya and Zambia- *African Journal of Health Economics* 8(2): 1-13.

Arthur, E. and Oaikhenan, H. E. (2017), The Effects of Health Expenditure on Health Outcomes in Sub-Saharan Africa (SSA). *African Development Review*, 29: 524–536.

Novignon J., Novignon J. and **Arthur E.**, (2015) “Health Status and Labour Force Participation in Sub-Saharan Africa: A Dynamic Panel Data Model Analysis” *African Development Review*, Vol. 27, No. 1, 2015, 14–26.

Fosu-Brefo R. and **Arthur E.**, (2015) “Effect of Timely Initiation of Breastfeeding on Child Health in Ghana”. *Health Economics Review*, 2015.

Arthur E., (2014) "Socioeconomic correlates of the choice of treatment for childhood fever in Ghana" *The African Population Studies, Vol 28, no 2: Supplement on Demographic and Health Surveys in Africa*.

Nketiah-Amponsah E., and **Arthur E.**, (2013) "Choice of Delivery Facility among Expectant Mothers in Ghana-Does Access to Health Insurance Matter" *Journal of Health Management*, 15: 509.

Amporfu, E., Sakyi, D., Frimpong, P. B., **Arthur, E.**, & Novignon, J. (2018). *The distribution of paid and unpaid work among men and women in Ghana: the national time transfer accounts approach*. DPRU, University of Cape Town.

Nketiah-Amponsah E., Senadza B., **Arthur E.**, (2013) "Determinants of utilization of antenatal care services in developing countries: Recent evidence from Ghana", *African Journal of Economic and Management Studies*, Vol. 4 Iss: 1, pp.58 – 73.

Nketiah-Amponsah, E., **Arthur E.**, and Abuosi A., (2012). "Correlates of Contraceptive use among Ghanaian women of Reproductive Age (15-49 Years)". African Journal of Reproductive Health, 16(3): 155-170.

Arthur E. (2012) "Wealth And Antenatal Care use; implications for maternal health care utilisation in Ghana". Health Economics Review 2012.

Kwakwa, P.A., **Arthur E.** , and 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 Review.

Nketiah-Amponsah, E., Aaron A. and **Arthur E.**, (2012). Maternal Socio-economic Status and Childhood Birth weight: A Health Survey in Ghana. In: Deborah Raines and Zoe Iliodromiti (eds.): Neonatal Care. Intech, 1-18.

Conference Presentations and Participation

Arthur E. and Amporfu E. (2023): "Assessing Ghana's Ability to Achieve its Health Roadmap to Harnessing Demographic Dividend" presented at the Demographic Dividend, Generational Economy and Sustainable Development in Africa: Taking Stock 5 Years After the Adoption of the AU Roadmap" September 6, 7 and 8, 2023

Atim C., **Arthur E.**, and Achala D.M (2022) Sustainable Health Financing: Expenditure and Revenue Projections and Fiscal Space Analysis. The Sixth AfHEA Scientific Conference on "Towards Resilient Health Systems in Africa: The Role of Health Economics and Policy Research – 7 – 11 March, 2022.

Atim C., **Arthur E.**, and Achala D.M (2022) "A critical analysis of recent history of African countries' state of health financing, with special attention on strategic purchasing & priority setting. The Sixth AfHEA Scientific Conference on Towards Resilient Health Systems in Africa: The Role of Health Economics and Policy Research. 7 – 11 March, 2022.

E. Amporfu and Arthur (2019) Achieving demographic dividend in Ghana: Is the large population of Youth an Asset or a Liability? The National Transfer Account Africa conference 2019, October 28 to 30, 2019, Somone, Senegal.

S.O. Kwankye, E. **Arthur**, F. Frempong-Ainguah, and E. Amporfu, "Understanding the demographic dividend in Ghana, Sierra Leone and The Gambia: The National Transfer Accounts (NTA) Approach". 4th College of Humanities International Research Conference University of Ghana, Legon (1st – 2nd, November, 2018).

E. Amporfu and **E. Arthur** (2018) "Achieving demographic dividend in Ghana; Is the large population of Youth an Asset or a Liability? Ninth Annual Ibadan Sustainable Development Summit on Megatrends that will shape National and Global Prosperity by 2030, Ibadan, Nigeria (August 27 – 30, 2018).

E. Amporfu, **E. Arthur**, and J. Nonvignon (2018) "The Effect of Gender Inequity on the achievement of the Second Demographic Dividend in Ghana". 12th Global NTA meeting on Opportunities and Challenges of the Demographic Transition for Meeting of the 2030 Agenda and the Sustainable Development Goals, Mexico City (23-27th July, 2018).

Novignon J., **Arthur E.** and Nonvignon J., (2017) “Health Insurance and the economic impact of health shocks in Ghana. Presented at the biannual conference of the African Economic Research Consortium (Johannesburg, June 2017).

Arthur E., (2016) “The effect of household Socioeconomic factors on Child health outcomes” Paper Presented at the biannual conference of the African Health Economics and Policy Association (Rabat, Morocco, October, 2016).