

Abdul Baari BAKPA

Paris, France

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Education

MRes in Economics

Aug 2024 – Jun 2026

Sciences Po, Paris

Thesis (in progress): *The Price of Connection: Market Access and Forest Loss in Ghana*

Supervisors: Prof. Clément Imbert

Bachelor of Arts in Economics

Sep 2019 – Nov 2023

Kwame Nkrumah University of Science and Technology (KNUST), Ghana

Undergraduate thesis: *Financial Development and Sectoral development*

Supervisor: Dr. Paul Owusu Takyi

Research

- Environmental Pollution Training and Firms' Actions: The Mediating Role of Green Industrialization Knowledge (with Emmanuel Orkoh, Nicholas Agyei and Abdulrazaq Daudu) *Submitted*
- Financial Development and Sectoral Growth in Ghana (With Kodom Emmanuel) *Working paper*
- The Price of Connection: Market Access and Forest Loss in Ghana *Master's thesis (in progress)*
- The Political Economy of Government Agricultural Input Credit: Game-Theoretic Insights from Ghana's Planting for Food and Jobs Program *Term paper*

Experience

Research Assistant

Apr 2025 – Sept 2025

Department of Economics, Sciences Po

- Designed and executed causal inference analysis using staggered Difference-in-Differences (DID) and event study models in R to estimate the impact of forest protection policies on climate-relevant outcomes.
- Constructed a structured, subnational policy database for Africa by synthesizing data from systematic literature reviews, government documents, and NGO publications.
- Managed and processed large-scale geospatial datasets (WDPA, satellite-derived tree cover loss) for analysis.
- Performed geospatial mapping and georeferencing of policy locations to assess policy distribution across African countries.

Research & Teaching Assistant

Nov 2023 – Aug 2024

Department of Economics, KNUST

- Coordinated household survey fieldwork for a willingness-to-pay study (enumerator supervision, respondent tracking, quality checks).
- Cleaned and merged primary survey data with the Ghana Living Standards Survey (GLSS) for microeconomic analysis in Stata.
- Collected firm-level data on commercial water use and combined field surveys with municipal administrative records.

- Led tutorial sessions in Mathematics for Economists and supported assessment through grading and feedback.
- Conducted systematic literature reviews to inform research questions and empirical strategy.
- Coordinated weekly departmental research seminars and supported undergraduate thesis projects.

High school Teacher(Part-time)

Aug 2023-Jul 2024

One Time Educational Consult, Kumasi

- Teach Senior High Level Economics
- Design customized lesson plans and activities based on the understanding of students' capabilities and learning needs
- Monitor students' progress through regular assessments and adjust teaching strategies accordingly
- Maintain detailed student records and communicate progress with school administration and parents

Research Assistant

Oct 2022 – Dec 2022

Kumasi Hive, Kumasi

- Developed and fielded research questionnaires, producing a clean dataset of 100 observations for project analysis.
- Performed data cleaning and quality checks to ensure data integrity for econometric analysis.
- Built a reporting framework to track key performance indicators and support routine data monitoring.

Community Service

- **UST Info Hub Facilitator** 2022/2023 Academic Year
Advised 200+ prospective students on university applications and course selection, and mentored incoming students on campus preparation.
- **Literacy Impact Programme Mentor** Apr – Dec 2023
Led individual and group literacy tutorials and collaborated with the LIP team to develop lesson plans for reading, writing, and speaking skills for Basic school pupils.
- **Momua Project** Dec 2021
Trained 20 women in soap-making to establish microbusinesses, secured funding for 13 entrepreneurs, and provided post-training coaching.

Scholarships and Awards

- Mastercard Foundation Scholars Program at SciencesPo 2024 -2026
- Mastercard Foundation Scholars Program at KNUST 2019-2023
- Kanton Senior High School Best student 2018

Technical Skills

- **Statistical & Econometric Software:** R, Stata, Julia, EViews
- **Geospatial & Data Tools:** QGIS, Excel, Git/GitHub
- **Document Production:** L^AT_EX, Microsoft Office Suite, Google Workspace

Referees

Prof. Clément Imbert

Sciences Po, Paris

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Dr. Paul Owusu Takyi

KNUST, Ghana

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