

Felix Boakye Yiadom

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Education

Ph.D. Candidate, Economics , American University	(expected Dec 2025)
<i>Advisors:</i> Gabriel Mathy (Chair), Ignacio Gonzales, Juan Antonio Montecino	
M.A., Economics (focus, Macro modeling), American University	May 2025
M.A., Economics , (Focus, causal inference techniques), University of Colorado Denver	Dec. 2020
M.Phil., Economics , (Focus, time series econometrics and forecasting), Kwame Nkrumah University of Science & Technology (KNUST), Ghana	June 2015
B.A., Economics , Kwame Nkrumah University of Science & Technology, Ghana	June 2012

Unpublished Papers

Job Market Paper

Boakye Yiadom, F. "Economic Efficiency and Sectoral Dynamics: The Macroeconomic Impact of Markup-Reducing Antitrust Policies." Unpublished, 2025.

Abstract: This paper develops an IO-New Keynesian DSGE model to quantify how upstream antitrust that compresses markups propagates through production networks. I embed a structural antitrust shock to the Dixit-Stiglitz elasticity in a parsimonious two-sector IO-Rotemberg model, map the shock into the log-markup gap used in the NK Phillips curves, and calibrate the model to standard macro and BEA moments. Using Dynare's perfect-foresight solver I report deterministic IRFs to a one-off permanent antitrust impulse and complement them with comparative steady-state calculations. The results show a permanent reduction in upstream markups produces immediate sectoral disinflation and a modest short-run contraction in downstream output and consumption, while monetary easing and lower intermediate costs gradually reverse the hit and raise downstream activity and consumption in the new steady state. Quantitatively, the path and welfare implications depend on markup persistence, IO shares, and policy responsiveness. The paper highlights that antitrust can yield lasting real gains via cost pass-through, but policymakers must weigh short-run distributional demand effects and the interaction with monetary policy.

Working Papers

Boakye Yiadom, F. and Mathy, G. "A Model of Currency Crises under a Flexible Exchange Rate Regime (Fourth-Generation Framework for Emerging Markets)." Unpublished, 2025.

Boakye Yiadom, F. "Green Input Output Analysis for Industrial Policy: A Sectoral Approach to Decarbonizing the U.S. Economy" (Unpublished, 2024).

Boakye Yiadom, F. "Tax Cuts, Sectoral Dynamics, and Income Inequality: A Hybrid Input-Output New-Keynesian DSGE Analysis of the TCJA" (Unpublished, 2025)

Other Papers

Boakye Yiadom, F. "Does Women's Education Affect Household Decision-Making? Quasi-Experimental Evidence from Ghana"

Quartey, J. D., & Ametorwotia, W. D. (2017). Assessing the Total Economic Value of Electricity in Ghana: A Step toward Energizing Economic Growth. Report No. E-33402-GHA-1. Presented to the International Growth Centre (Project No. 1-VCE-VGHA-VXXXX-33402). Department of Economics, Kwame Nkrumah University of Science and Technology. — Research Assistant: **Felix Boakye Yiadom.**

Selected Conference Presentations

Presenter, 94th Annual Southern Economic Association Conference (SEA) Nov 2024

Professional Experience

International Finance Corporation (IFC), World Bank Group July 2024 – June 2025
Short Term Consultant, Development Impact Measurement

Conducted economy-wide impact assessments of transport, energy and mining projects across 35+ emerging economies, building and calibrating SAM multiplier models with GTAP mappings and harmonizing trade and production data from UN Comtrade, national customs and WDI. I ran tariff and trade-flow sensitivity analyses, conducted regulatory scans, led multidisciplinary teams and translated results into concise technical reports and policy-ready executive summaries.

International Monetary Fund (IMF) October 2023 – June 2024
Research Analyst (Consultant-led IMF Research Project)

Perform cross-country macro and structural analysis using IMF WEO and other sources, applying panel econometrics and ARIMA forecasting to build fiscal and trade scenarios and authoring policy briefs on regulatory developments that affect trade flows.

I also produced literature reviews and concise technical slide decks for senior economists to support evidence-based decision making.

Ghana Oil Company Limited (GOIL PLC) June 2015 – August 2016
Market Research Analyst (Oil Marketing Sector Project)

Conducted analytical studies on Ghana's oil marketing sector, defined research objectives, selected regression and mathematical programming methods, and used econometric and network models to assess market dynamics and bank partnership risks. I contributed in the development of the GOcard digital payment proposal, advised on product features, and turned results into dashboards and executive summaries for senior management.

Teaching Experience

American University August 2023 – Present
Adjunct Professor, Department of Economics

ECON-150 (Economics for Business)	Summer 2024
ECON-120 (Social Problems in Historical Context - Development Economics)	Fall 2023
American University	Jan. 2022 – Jul. 2024
<i>Teaching Assistant, Department of Economics</i>	
ECON-100 (Principles of Macroeconomics)	Spring 2022
ECON-100 (Principles of Macroeconomics)	Summer 2024
American University	June 2023
<i>Voluntary (Graduate Teaching), Department of Economics</i>	
ECON-802 (PhD Comprehensive Exams Takers – Macroeconomic Theory)	June 2023
ECON-803 (PhD Comprehensive Exams Takers – Microeconomic Theory)	June 2024
University of Colorado Denver	Jan. 2019 – Dec. 2020
<i>Graduate Assistant, Department of Economics</i>	
Macroeconomics (Undergraduate)	Spring 2020, Fall 2020
Macroeconomics (Undergraduate)	Spring 2019, Fall 2019
Kwame Nkrumah University of Science & Technology, Ghana	Jan. 2019 – Dec. 2020
<i>Teaching Assistant, Department of Economics</i>	
Environmental & Resource Economics (Undergraduate)	Semesters 1 & 2, 2013-14
Monetary Economics (Undergraduate)	Semesters 1 & 2, 2016-17

Research Experience

American University	Oct. 2021 – Jan. 2022
<i>Research Assistant, Kogod Business School, Critical Race Theory research project</i>	
Kwame Nkrumah University of Science & Technology, Ghana	Sept. 2016 – Dec. 2017
<i>Research Assistant, Department of Economics International Growth Centre (IGC) project on Energy Consumption in Ghana</i>	
ECON-150 (Economics for Business)	Summer 2024
ECON-120 (Social Problems in Historical Context - Development Economics)	Fall 2023
American University	January 2022 – May 2023
<i>Teaching Assistant, Department of Economics</i>	
ECON-100 (Principles of Macroeconomics)	Spring 2022
ECON-100 (Principles of Macroeconomics)	Summer 2024

American University June 2023
Voluntary (Graduate Teaching), Department of Economics

ECON-802 (PhD Comprehensive Exams Takers – Macroeconomic Theory) June 2023
ECON-803 (PhD Comprehensive Exams Takers – Microeconomic Theory) June 2024

Other Experience

RH Enterprises LLC, Littleton, CO March 2021 – August 2021
Financial Controller

A2A Ventures LLC, Denver, CO April 2018 – August 2018
Financial Analyst (Intern)

UniBank Ghana Limited, Ghana Feb 2010 – Mar 2012
Finance Office Assistant (Intern)

Certifications and Training

MFx: Macroeconomic Forecasting, IMFx (International Monetary Fund), Time series econometrics in EViews

Technical Skills

- Econometric & Statistical Software: Stata, MATLAB/Dynare, Mathematica, EViews, Python, R, SPSS, GAMS
- Data & Visualization: SQL, Excel (VBA/macros), Tableau, input-output databases (BEA, BLS, IPUMS)
- Other: Microsoft Office Suite, Latex

Service

- Founder, Stand Together Educational Foundation, Ghana January 2023
- Chairman, First-Year Council, Student Gov't Assoc. UC Denver Aug. 2018- May 2019
- Assistant Examiner, Economics, West African Examinations Council Nov. 2012- Dec. 2017
- Data Entry Clerk, Electoral Comm. of Ghana biometric registration exercise March 2012

Honors

- Honorary Award, Member, Young Diplomats of Ghana June 2017
- Honorary Award, Student Advocacy & Mediation (Students' Provost)-KNUST April 2012
- Honorary Award, Student Personality of the Year 2011-12 Academic Year May 2012