

# Prince Boakye Frimpong

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CONTACT INFORMATION	Date of Birth Marital Status Dept of Economics, KNUST, Kumasi-Ghana Mobile: +233 26 235 8269 Website: <a href="https://webapps.knust.edu.gh/staff/dirsearch/profile/publications/058a726fd76d.html">https://webapps.knust.edu.gh/staff/dirsearch/profile/publications/058a726fd76d.html</a>	18th April, 1982 Married pbfrimpong10@knust.edu.gh pbfrimpong@gmail.com
SHORT BIO	<p>Prince Boakye Frimpong is an Associate Professor in the Department of Economics at the Kwame Nkrumah University of Science and Technology (KNUST), Kumasi. He recently served as a Postdoctoral Fellow with the prestigious Swiss National Science Foundation (SNSF) and holds a professional affiliation with the Econometric Society. He has an impressive academic foundation that includes a PhD in Economics from Università degli Studi di Milano, Italy, an MSc in Economic Development and Growth from the University of Warwick, UK, and another MSc in Economic Development and Growth from Lund University, Sweden. He also holds both an MA in Economics and a BA in Economics and Geography from KNUST.</p> <p>His core specialisation is the rigorous application of Applied Econometrics and Applied Microeconomics across critical fields, notably Health Economics, Resource Economics, Energy Economics, Labour Economics, Education Economics and Gender Economics. Prof Frimpong's research leadership includes his role as Principal Investigator on a project focusing on Mobile Money Agents' incentives to adopt Digital Tools: A Randomised Controlled Pilot Study, which is awarded by The Bill and Melinda Gates Foundation (BMGF) through the Institute of Statistical, Social and Economic Research (ISSER).</p> <p>He has been a key contributor to significant research projects, serving as a co-investigator on initiatives like Counting Women's Work in Ghana and projects focused on estimating the demographic dividend for Ghana. In the consultancy space, he served as a Technical Team Leader for the Youth Sector Engagement Group (Y-SEG), which developed an index for the performance and sustainability of youth businesses in Ghana's informal sector. He has also provided expertise to organisations, including the Development Change Hub and Participatory Development and Associates (PDA), on evaluating programme interventions. Specifically, he is listed as a Consultant for the Absa Young Africa Works Program End of Programme Evaluation funded by the Mastercard Foundation and conducted by PDA.</p> <p>His research has been supported by competitive grants from several major international organisations, including the SNSF, the William and Flora Hewlett Foundation, the International Development Research Centre (IDRC), the Foundation for Economic Education, and the International Growth Centre (IGC). He is actively involved in teaching both undergraduate and postgraduate students in a range of advanced subjects, including Mathematical Economics, Applied Econometrics, Advanced Econometrics, Labour Economics, Resource Economics, and Sports Economics</p>	
RESEARCH INTERESTS	Applied Econometrics, Health Economics, Energy Economics, Resource Economics, Education Economics	
EDUCATION	<p><b>University of Milan</b>, Milan, Italy</p> <p>Ph.D., Economics, June 2019</p> <ul style="list-style-type: none"><li>• Thesis Topic: <i>Empirical Essays on Health Economics in Africa</i></li><li>• Advisor: Massimiliano Bratti, Ph.D</li></ul>	

**Lund University**, Lund, Sweden

M.Sc., Economic Development and Growth, Aug 2012

- Topic: *Population Health and Economic Growth: Panel Cointegration Analysis in Sub-Saharan Africa*
- Advisor: Erik Green, Ph.D

**The University of Warwick**, Coventry, UK

M.Sc., Economic Development and Growth, Aug 2011

- Topic: *Financial Development, Political Institutions and Economic Growth: Panel Data Evidence from Sub-Saharan Africa*
- Advisor: Wiji Arulampalam, Ph.D

**Kwame Nkrumah University of Science and Technology**, Kumasi, Ghana

M.A., Economics, November 2009

- Topic: *Foreign Aid and Economic Growth in Ghana (1970-2005)*
- Advisor: Kwaku Boateng

**Kwame Nkrumah University of Science and Technology**, Kumasi, Ghana

B.A., Economics and Geography (Double major), June 2005

TECHNICAL  
PROJECTS

1. **Consultant** Absa Young Africa Works Program End of Program Evaluation by Participatory Development Agency (PDA) funded by Mastercard Foundation. **July 2025 to December 2025**
2. **Principal Investigator** Mobile Money Agents' incentives to adopt DigitalTools: A randomized Controlled Pilot Study. Institute of Statistical, Social and Economic Research (ISSER) awarded by The Bill and Melinda Gates Foundation (BMGF). **August 2024 to July 2025**
3. **Co-Investigator** Food Consumption and Adaptation to Climate Change: Evidence from Ghana. **International Growth Center (IGC)**, London School of Economics. **April 2024 to April 2025**
4. **Key Expert** End-of-Grants Support to SMEs Evaluation and Implementation Completion and Results Report. Ministry of Finance (MoF) and Ghana Tourism Development Project funded by **International Development Association (GH-TOURISM-333715-CS-CQS)** – **5th May, 2023 to 30th September, 2023**.
5. **Co-Investigator** Trends and distribution of housing deficit and quality in Ghana (2000 to 2021): Evidence from two national surveys. **International Growth Center (IGC)**, London School of Economics. **1st June 2022 to 31st December 2022**.
6. **Principal Investigator** The Impact of Housing Quality on Child Survival in Ghana. **International Growth Center (IGC)**, London School of Economics. **1st June 2022 to 31st December 2022**
7. **Technical Team Leader** Youth Business Performance and Sustainability Index. **Youth Sector Engagement Group (Y-SEG)**. **March 2020 to June 2021**
8. **Co-Investigator** Corporate Taxation in Ghana. **Tax Policy Unit (TPU)**, **Revenue Policy Division (RPD)**, **Ministry of Finance (MoF)**. (Y-SEG). **December 2020**.

9. **Co-Investigator** Cost-benefit Analysis of Interventions to Improve Electricity Access to Ghana. **Ghana Priorities. August 2019 to May 2020.**
10. **Co-Investigator** Distribution of Housework among Men and Women in Ghana: A National Time Transfer Accounts Approach. **William and Flora Hewlett Foundation and International Development Research Centre. 16th May 2014 to 31 March 2016**
11. **Co-Investigator** Demographic Dividend for Ghana: A National Transfer Accounts Approach. **Foundation for Economic Education. 2013**

REFEREED  
JOURNAL  
PUBLICATIONS

1. Adusah-Poku, F., Dramani, J. B., & **Frimpong, P. B.** (2026). Climate change, food consumption and food security: Evidence from Ghana. *Sustainable Futures*, 11, 101565.
2. **Frimpong, P. B.**, & Ayibor, R. E. Does Reducing the Length of School Cycles Affect Women's Fertility? Quasi-Experimental Evidence from Ghana. *Social Sciences and Humanities Open*, 12, 102109.
3. Dramani, J. B., **Frimpong, P. B.**, & Adusah-Poku, F. (2025). A look at Ghana's housing deficit and quality trends for over 20 years. *Housing Studies*, 1-25.
4. **Frimpong, P. B.**, Dramani, J. B., & Adusah-Poku, F. (2025). The impact of housing quality on child survival in Ghana. *International Journal of Housing Markets and Analysis*, Vol. ahead-of-print No. ahead-of-print.
5. Dramani, J. B., Duodu, E., Tetteh, B., Ntsiful, E., & **Frimpong, P. B.** (2025). Trade Policy Uncertainty, Trade, and Economic Growth in Africa: What Can the African Continental Free Trade Area (AfCFTA) Offer?. *The International Trade Journal*, 1-26.
6. Mpuure, D. M. N., **Frimpong, P. B.**, Ofori-Mensah, K. A., & Dramani, J. B. (2025). Health shocks and households' welfare in Ghana: does social assistance mitigate the effects?. *Review of Economics and Political Science*, 10(1), 52-68.
7. Ntsiful, E., Dramani, J. B., Adusah-Poku, F., & **Frimpong, P. B.** (2024). Effect of electricity access on the value of women's labour and time in Ghana. *World Development Perspectives*, 35, 100614.
8. Dramani, J. B., Ofori-Mensah, K. A., Otchere, N. O., **Frimpong, P. B.**, Adu-Poku, A., & Yazdanie, M. (2024). Estimating and forecasting suppressed electricity demand in Ghana under climate change, the informal economy and sector inefficiencies. *Heliyon*.
9. Afriyie, A.B., Oteng-Abayie, E.F., **Frimpong, P.B.**, Amanor, K. "Households' preference and willingness to pay for alternative energy sources: a discrete choice experiment." *Sustainable Energy Research* 11.1 (2024): 22.
10. Gyasi, R. M., Aikins, E., Dumedah, G., Gyasi-Boadu, N., **Frimpong, P. B.**, Boampong, M. S., ... & Phillips, D. R. (2024). Risk of sleep problems in middle-aged and older adults experiencing bodily pains: Serial multiple mediation estimates of emotion distress and activity limitations. *The American Journal of Geriatric Psychiatry*.
11. Yazdanie, M., **Frimpong, P. B.**, Dramani, J. B., & Orehounig, K. (2024). Depreciating currency impacts on local-scale energy system planning: The case study of Accra, Ghana. *Energy Strategy Reviews*, 53, 101362.

12. Yazdanie, M., **Frimpong, P. B.**, Dramani, J. B., & Orehounig, K. (2024). The impacts of the informal economy, climate migration, and rising temperatures on energy system planning. *Energy Reports*, 11, 165-178.
13. Amanor, K., Oteng-Abayie, E. F., Osei-Fosu, A. K., & **Frimpong, P. B.** (2023). A decomposition analysis of microcredit welfare gaps in Ghana. A gender analysis. *Social Sciences & Humanities Open*, 7(1), 100464.
14. Dramani, J. B., **Frimpong, P. B.**, and Ofori-Mensah, K. A., (2022), Modelling the informal sector and energy consumption in Ghana, *Social Sciences & Humanities Open*, 6(1), 100354
15. Duodu, E., Oteng-Abayie, E.F., Mensah, G., and **Frimpong, P. B.** (2022), Natural resource abundance, environmental sustainability, and policy and institutions for environmental sustainability in sub-Saharan Africa, *Resources Policy*, 103097
16. Amporfu, E., Sakyi, D., **Frimpong, P. B.**, & Olaniyan, O. (2023). Demographic Dividend of Ghana: The National Transfer Approach. *African Review of Economics and Finance*, 15(1), 67-84.
17. Forson, P, Dramani, J. B., **Frimpong, P. B.**, Arthur, E., and Mahawiya, S., 2022, Effect of oil price volatility on trade balance in sub-Saharan Africa, *OPEC Energy Review*, <https://doi.org/10.1111/opec.12231>
18. Duodu, E., Oteng-Abayie, E. F., **Frimpong, P. B.**, and Takyi, P. O., 2022, The impact of the Compact with Africa initiative on foreign direct investments and environmental pollution, *Management of Environmental Quality*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/MEQ-01-2022-0011>
19. Gyabaah, K. T., Arthur, E., Novignon, J., and **Frimpong, P. B.**, 2022, Access to credit and informal firm performance: Evidence from sub-Saharan Africa, *African Review of Economics and Finance*, 14(1), 229–253
20. Duodu, E., Baidoo, S., Yusif, H.M., and **Frimpong, P. B.**, 2022, Money Supply, Budget Deficit and Inflation Dynamics in Ghana: An Empirical Investigation, *Cogent Business & Management*, 9(1), 2043810
21. Duodu, E., Kwarteng, E., Eric Fosu Oteng-Abayie, and **Frimpong, P. B.**, 2021 Foreign Direct Investments and Environmental Quality in Sub-Saharan Africa: The Merits of Policy and Institutions for Environmental Sustainability, *Environmental Science Pollution Research*, 28(46), 66101-66120.
22. Dramani, J. B., and **Frimpong, P. B.**, 2020 The effect of crude oil price shocks on domestic macroeconomic stability in Ghana”, *OPEC Energy Review*, 44(3), 249–277.
23. **Frimpong, P. B.**, Antwi, A.O., and Brew, S.E.Y., 2018, Effect of Energy Prices on Economic Growth in the ECOWAS Sub-Region: Investigating the Channels Using Panel Data”, *Journal of African Business*, 19(2), 227–243.
24. Alagidede, P., Adu, G. and **Frimpong, P. B.**, 2016, The Effect of Climate Change on Economic Growth: Evidence from Sub-Saharan Africa, *Environmental Economics and Policy Studies*, 18(3), 417–436.
25. Augustt, R.M., Adu, G. and **Frimpong, P. B.**, 2015, The Nexus between Output Fluctuations and Fiscal Deficits: Empirical Evidence on Ghana, *International Journal of Sustainable Economy*, 7(2), 100–117, 2015.

26. **Frimpong, P. B.**, and Adu, G., 2014, Population Health and Economic Growth in Sub-Saharan Africa: A Panel Cointegration Analysis”, *Journal of African Business*, 15(1), 36–48.
27. **Frimpong, P. B.**, 2013, The Quest for Equity in the Provision of Health Care in Ghana”, *African Review of Economics and Finance*, 4(2), 216–234.
28. Adu, G., Marbuah, G., Mensah, J.T., and **Frimpong, P. B.**, 2013, Macroeconomic Development and Stock Market Performance: A Nonparametric Approach”, *Journal of Economics and Econometrics*, 55(2) 100–129.

#### BOOK CHAPTER

1. Graham, E., Dramani, J. B., & **Frimpong, P. B.** (2023). 7. Ghana's monetary policy and COVID-19: a critical appraisal. COVID-19 and the Response of Central Banks: Coping with Challenges in Sub-Saharan Africa, 104.

#### WORKING PAPERS

1. Bratti, M., **Frimpong, P.B.**, and Russo, S., Prenatal Exposure to Heat Waves and Child Health in Sub-saharan Africa, IZA Discussion Paper, No 14424

#### SCHOLARSHIPS AND AWARDS

- Scholarship for Doctoral Studies, University of Milan Oct 2015–Oct 2018
- Scholarship for MSc Studies, Education Audiovisual and Culture Executive Agency of the European Commission (Category A) Graduate Scholarship 2010-2012

#### CONFERENCES &

#### WORKSHOPS

#### Conferences

- College of Humanities and Social Sciences, KNUST International Sustainability Conference 5-8th Nov 2025  
(Presented a paper)
- Energy System Modeling for the Real World: Transforming Modeling Approaches for Sustainable and Resilient Urban Development: First SPIRIT Workshop and Conference, by EMPA – Swiss Federal Laboratories for Materials Science and Tech, Department of Economics & the Brew-Hammond Energy Centre (TBHEC) at KNUST Kumasi, Ghana 7-8th Sep 2022
- Leuven Economics of Education Research Conference, Leuven, Belgium March 2018
- Africa Review of Economics and Finance Conference, Kumasi, Ghana Aug 2016  
(Presented a paper)
- 2nd International Conference, Dept of Economics, KNUST, Ghana Feb 2015  
(Presented a paper)
- The Tenth Global National Transfer Account Conference and the CASS Forum, Beijing, China Nov 2014
- Africa Economic Research Consortium 20th Anniversary Conference, Nairobi, Kenya. (Presented a paper) Sept 2008

#### Workshops

- Energy System Modeling for the Real World: Transforming Modeling Approaches for Sustainable and Resilient Urban Development: Second SPIRIT Workshop and Conference, by EMPA – Swiss Federal Laboratories for Materials Science and Technology, Department of Economics & the Brew-Hammond Energy Centre (TBHEC) at Zurich, Switzerland Sept 25-27th Sep 2023
- The International Growth Centre – Ghana Research Evidence Day 2023, Ghana Office March 30, 2023.

	<ul style="list-style-type: none"> <li>• 16th “Brucchi Luchino” Labour Economics Workshop DEMM, University of Milan, Italy</li> <li>• Counting Women’s Work Africa Training Workshop Development Policy Research Unit, Cape Town, SA</li> <li>• National Transfer Accounts Training Workshop Department of Economics, KNUST, Ghana</li> <li>• Erasmus Mundus’ Master in Economic Development and Growth Workshop Madrid, Spain</li> </ul>	Nov 30–Dec 1 2017 May 2014 Apr 2013 July 2011
WORK EXPERIENCE	Associate Professor Department of Economics, KNUST	Aug 2024 – Date
	Senior Lecturer Department of Economics, KNUST	Aug 2020 – Jul 2024
	Part-Time Lecturer Department of Economics, KNUST	Aug 2018–Jul 2020
	Part-Time Lecturer Department of Economics KNUST	Aug 2014–Sept 2015
	Lecturer Faculty of Business Studies Garden City University College	Aug 2012–Sept 2015
	Lecturer Faculty of Business Studies Garden City University College	Aug 2012–Sept 2015
	Lecturer Faculty of Business Studies Garden City University College	Feb 2010–Sept 2010
	Part-Time Lecturer Faculty of Business Studies Garden City University College	Sept 2008–Jan 2010
	Teaching Assistant ECON 153 - Mathematics for Economists Instructor: Joseph Ohene-Manu, Ph.D Department of Economics, KNUST	Aug 2005–Aug 2006
GRADUATE COURSES TAUGHT	Econometrics Qualitative Methods in Economics Applied Econometrics Resource Economics Microeconomics Resource Economics Financial Modelling	

UNDERGRADUATE COURSES TAUGHT	Econometrics Mathematical Economics Labour Economics Health Economics Sports Economics Elements of Economics	
PHD SUPERVISION (AND FIRST DESTINATION)	Supervisor: Mr. Franklin Baajike Bedakiyiba – in progress Co-supervisor: Dr. Kofi Amanor - Lecturer, Department of Economics, Kwame Nkrumah University of Science and Technology (KNUST, Ghana) Supervisor: Mr. Joseph Adu – in progress (about 3/4 done) Co-supervisor: Mr. Patrick Enu – in progress	
REFEREEING ACTIVITIES	African Review of Economics and Finance, Journal of African Business, Journal of Economic Studies, Sustainability, Journal of Financial Economic Policy, African Development Review, Sage Open, Health Systems, World Development Sustainability	
SOFTWARE AND PROGRAMMING SKILLS	Econometrics and Data Analysis Softwares <ul style="list-style-type: none"> <li>• STATA</li> <li>• Eviews</li> </ul> Production of Technical and Scientific Documentations <ul style="list-style-type: none"> <li>• Microsoft Office Suite</li> <li>• LATEX</li> </ul>	
REFERENCES	<p>Massimiliano Bratti, Ph.D  Professor of Economics,  and GLO, IZA and LDA Research Fellow  Department of Economics, Management  and Quantitative Methods (DEMM)  Università degli Studi di Milano</p> <p>Hadrat M. Yusif, Ph.D  Professor of Economics  Department of Economics  KNUST, Ghana</p> <p>Sr. Eugenia Amporfu, Ph.D  Professor of Economics  Department of Economics  KNUST, Ghana</p>	<p>Phone: +39 02 503 21545  E-mail: massimiliano.bratti@unimi.it</p> <p>Phone: +233 20 819 6942  e-mail: hadraty@yahoo.com</p> <p>Phone: +233 24 297 9358  e-mail: eamporfu@gmail.com</p>