

Prince Boakye Frimpong

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| CONTACT INFORMATION | Date of Birth | 18th April, 1982 |
| | Marital Status | Married |
| | Dept of Economics, KNUST, Kumasi-Ghana | pbfrimpong10@knust.edu.gh |
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SHORT BIO Prince Boakye Frimpong is a senior lecturer at the Department of Economics, Kwame Nkrumah University of Science and Technology, Kumasi, and recently a postdoctoral fellow at the Swiss National Science Foundation (SNSF). He holds a BA in Economics and Geography and an MA in Economics from the Kwame Nkrumah University of Science and Technology, an MSc in Economic Development and Growth from the University of Warwick, UK, an MSc in Economic Development and Growth from Lund University, Sweden, and a PhD in Economics from Università degli Studi di Milano, Italy. His areas of specialization are Applied Econometrics and Applied Microeconomics in Health Economics, Resource Economics, Energy Economics, Labour Economics, and Gender Economics. He has previously worked as a co-investigator in projects including Counting Women's Work in Ghana and estimating the demographic dividend for Ghana. He was recently a consultant for the Youth Sector Engagement Group which developed an index for the performance and sustainability of youth businesses in Ghana, particularly in the informal sector. He has benefited from research grants from several international organizations, including the Swiss National Science Foundation, William and Flora Hewlett Foundation and International Development Research Centre, Foundation for Economic Education, and the International Growth Centre. He teaches both undergraduate and postgraduate courses including Mathematical Economics, Labour Economics, Sports Economics, Applied Econometrics, Resource Economics, Advanced Econometrics, and Quantitative Methods in Economics.

RESEARCH INTERESTS Applied Econometrics, Health Economics, Energy Economics, Resource Economics, Education Economics

EDUCATION **University of Milan**, Milan, Italy

Ph.D., Economics, June 2019

- Thesis Topic: *Empirical Essays on Health Economics in Africa*
- Advisor: Massimiliano Bratti, Ph.D

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. **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**
2. **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**
3. **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**.
4. **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**.
5. **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**
6. **Technical Team Leader** Youth Business Performance and Sustainability Index. **Youth Sector Engagement Group (Y-SEG)**. **March 2020 to June 2021**
7. **Co-Investigator** Corporate Taxation in Ghana. **Tax Policy Unit (TPU), Revenue Policy Division (RPD), Ministry of Finance (MoF)**. (Y-SEG). **December 2020**.
8. **Co-Investigator** Cost-benefit Analysis of Interventions to Improve Electricity Access to Ghana. **Ghana Priorities**. **August 2019 to May 2020**.
9. **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**
10. **Co-Investigator** Demographic Dividend for Ghana: A National Transfer Accounts Approach. **Foundation for Economic Education**. **2013**

REFEREED
JOURNAL
PUBLICATIONS

1. 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.
2. 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*.

3. 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.
4. 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*.
5. 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.
6. 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.
7. 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.
8. 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
9. 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
10. 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.
11. 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>
12. 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>
13. 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
14. 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
15. Duodu, E., Kwarteng, E., Eric Fosu Oteng-Abayie, and **Frimpong, P. B.**, 2021 Foreign Direct Investments and Environmental Quality in Sub-Sahara Africa: The Merits of Policy and Institutions for Environmental Sustainability, *Environmental Science Pollution Research*, 28(46), 66101-66120.
16. 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.

17. **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.
18. 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.
19. 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.
20. **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.
21. **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.
22. 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) 2010-2012
- Graduate Scholarship

CONFERENCES & WORKSHOPS

- Conferences
- 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
- 16th “Brucchi Luchino” Labour Economics Workshop DEMM, University of Milan, Italy Nov 30–Dec 1 2017
 - Counting Women’s Work Africa Training Workshop Development Policy Research Unit, Cape Town, SA May 2014
 - National Transfer Accounts Training Workshop Department of Economics, KNUST, Ghana Apr 2013

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| | <ul style="list-style-type: none"> • Erasmus Mundus' Master in Economic Development and Growth Workshop Madrid, Spain | July 2011 |
| WORK EXPERIENCE | Senior Lecturer Department of Economics, KNUST | August 2020 – Date |
| | Part-Time Lecturer Department of Economics, KNUST | Aug 2018–July, 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 | |
| UNDERGRADUATE COURSES TAUGHT | Econometrics Mathematical Economics Labour Economics Health Economics Sports Economics Elements of Economics | |
| PHD SUPERVISION (AND FIRST DESTINATION) | 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 | |

REFEREING 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

- STATA
- Eviews

Production of Technical and Scientific Documentations

- Microsoft Office Suite
- LATEX

REFERENCES

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