

## FRANKLIN AMUAKWA-MENSAH

Nationality: Ghanaian, Swedish. Gender: Male.

Tellusgatan 45 lgh 0901, 41568 Gothenburg, Sweden. Tel: +46722797398

Email: [franklin.amuakwa-mensah@ltu.se](mailto:franklin.amuakwa-mensah@ltu.se) / [franklin.amuakwa-mensah@efd.gu.se](mailto:franklin.amuakwa-mensah@efd.gu.se) / [fam020@hotmail.com](mailto:fam020@hotmail.com)

<https://scholar.google.se/citations?user=XOjyfaEAAAAJ&hl=en>

[https://www.researchgate.net/profile/Franklin\\_Amuakwa-Mensah](https://www.researchgate.net/profile/Franklin_Amuakwa-Mensah)

### RESEARCH INTEREST

*Primary:* Environmental and natural resource economics (forestry, climate change, energy, etc.), agricultural and food economics, & development economics

*Secondary:* Impact evaluation, behavioural and experimental economics, efficiency analysis and financial economics.

### EDUCATION

**PhD in Economics**, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden. (2013 – 2017)

*Thesis: Essays on the economics of multifunctional forests, migration and climate change*

*Supervisors: Prof. Ing-Marie Gren (SLU), Prof. Katarina Elofsson (SLU) and Prof. Li Chuan Zhong (Uppsala University). Examiner (Opponent): Prof. Jesper Stage*

**MPhil in Economics**, University of Ghana, Legon. (2009 - 2011)

**B.A Economics with Mathematics**, University of Ghana, Legon. (*First class honors*) (2004 - 2008)

### PEDAGOGIC EDUCATION

#### 1. SLU

- a. Teaching in Higher Education, Basic Course (3 weeks), 2015.
- b. Education for sustainable development; course leaders (2 days), 2017
- c. Course in Grading and Assessment (3 days), 2018
- d. Course in Doctoral Supervising (3 weeks), 2018.

#### 2. LTU

- a. Qualifying course in higher education pedagogy part 2, HPC002 (Equivalent to 5,5 ECTS) Spring 2024

### CURRENT EMPLOYMENT

**Associate Professor in Economics**, Luleå University of Technology, Sweden (2025 -)

- Supervise PhD and master students.
- Teach courses in economics (econometrics, applied mathematics and statistics)
- Research on development, environment and natural resource economics, agricultural and food economics

**Researcher**, Environment for Development (EfD) unit, University of Gothenburg, Sweden. (2019 - present)

- Facilitate capacity-building PhD within Sida-University of Rwanda and Sida-Addis Ababa bilateral programs.
- Manage EfD research fund together with research committee (annual budget of 1 million US dollars)
- Review research proposals, and facilitate review of submissions by researchers in EfD network for funding
- Organize EfD annual meetings with over 200 participants from EfD network.
- Review conference papers submitted to the EfD annual meeting.
- Oversee EfD's research strategy together with research committee
- Review EfD Discussion Paper submissions in collaboration with the Editor-in-chief
- Follow up on research and help over 200 researchers within EfD to create conducive research environment at the 13 EfD centers
- Undertake environment and development economics related research and publish in high-quality international journals
- Engage in fund raising for the EfD network.

### PAST EMPLOYMENT

**Senior Lecturer in Economics**, Luleå University of Technology, Sweden (2021 -2025)

- Supervise PhD and master students.
- Teach courses in economics (econometrics, applied mathematics and statistics)
- Research on development, environment and natural resource economics, agricultural and food economics

**Post-doctoral researcher** in Economics, SLU, Uppsala, Sweden (2017 – 2019)

- Analyze the demand for food and nutrients and its climate impact in Sweden. This is part of the Era-Net SUSFOOD SUSDIET project.
- Analyze food safety issues along the supply chain of vegetable production in developing countries.
- Investigate the energy saving role of banking performance and its effect of environmental quality.
- Examine the impact of technological adoption on welfare in Rwanda by farmers.
- Analyze household energy demand in Rwanda.
- Teach courses in economics (that is, microeconomics and econometrics).

**PhD student** by employment at the Department of Economics, SLU, Uppsala, Sweden (2013 – 2017)

- Undertake research on development economics, environmental and natural resource economics, and agricultural and food economics.
- Teach courses in economics (Cost Benefit Analysis, Environmental and natural resource economics, econometrics).
- PhD representative at the department

**Research Assistant**, Institute of Statistical, Social and Economic Research (ISSER), U.G (2012 – 2013)

- Responsible for running surveys (developing survey instruments, training enumerators and monitoring)
- Write sections of the State of Ghanaian Economy report
- Assist in the analysis and execution of the following projects funded by the World Bank, UNU-WIDER, Rockefeller and Government of Ghana:
  - Development under Climate Change: Ghana Case Study, - UNU-WIDER & ISSER
  - Assessment of Existing Relevant Climate, Health, Poverty and Vulnerability information- Ministry of Health and UNDP project.
  - Youth Savings Accounts in Financial inclusion and Youth Development (Youth Save), - ISSER, CSD (Washington), MasterCard and Save the Children
  - Skills toward employment and productivity (STEP), - ISSER and World Bank.
  - Ghana Social Opportunities Project (GSOP), - sponsored by the Government of Ghana and the World Bank, ISSER.

**Research Assistant**, Department of Economics, University of Ghana, Legon. (2011 – 2013)

- Teach courses in economics (Macroeconomics, International trade and finance)
- Assist in writing distance education learning modules

## FELLOWSHIPS

**Research Fellow**, UNICEF Office of Research–Innocenti, Italy. Transfer Project (2020/2021)

- Evaluate the impact of cash transfer on child nutrition in Ghana, Malawi and Zimbabwe

**Research Fellow**, European Investment Bank (EIB)-Global Development Network (GDN) Fellowship (2018/2019)

- Evaluate the social and economic impact of selected projects funded under the European Investment Bank's Impact Financing Envelope (IFE) in African, Caribbean and Pacific (ACP) countries. Specifically, evaluate the impact of Baobab Microfinance in reducing poverty of their clients in the Northern region of Ghana and also assess the sustainability of the microfinance institution.

## FUNDED PROJECTS & GRANTS

1. Swedish International Development Cooperation Agency (SIDA). Engendering Rural Entrepreneurship and Agribusiness for Sustainable Development (ENGAGE II). A Joint University of Dar es Salaam-SLU-LTU Postgraduate Research Training Program to Build Research Capacity in Tanzania. Project number: L1924\_6. *Co-applicant*. (2025-2029). 7,000,000 SEK
2. Swedish International Development Cooperation Agency (SIDA). A Joint Addis Ababa University-University of Gothenburg Postgraduate Research Training Program in Economics. Extension 2023-2024. *Applicant*. 4,620,000SEK

3. IDRC. Inclusive Green Transitions for Sustainable Development in the Global South. *Participant & lead for sub-theme on Infrastructure (transport and digital) – for adaptation and sustainability. (Oct. 2021- March. 2023) CAD 1.2 million*
4. Stiftelsen Handelshögskolans Jubileumsfond. Policy responses to economic impact of Covid-19 via electricity bill relief: A Global review. (Dnr Gu 2021/54. Project 21/10). *50,000 SEK*
5. Sida. Socio-economic and environmental effects of COVID-19 and assessment of health policy responses – panel survey in seven countries. (with Vic Adamowicz, Thomas Sterner, Francisco Alpizar, Dale Whittington, Michael Hanemann, Richard Carson). (2020-2021) *2,000,000 SEK*
6. UNICEF Office of Research–Innocenti, Italy. Rethinking the impact of cash transfers on children’s nutritional status. PO 43306611. Applicant (September 2020-June 2021). *\$10,000*
7. Swedish International Development Cooperation Agency (SIDA). Engendering Rural Transformation for Sustainable Development (ENTRUST). A Joint UR-SLU Postgraduate Research Training Program to Build Research Capacity in Rwanda. Project number: L1924\_6. *Co-applicant. (2019-2024). 19,588,000 SEK*
8. Swedish Foundation for International Cooperation in Research and Higher Education (STINT). Feeding Urbanizing China: urbanization, agricultural productivity and food security in China. *Co-applicant. (2019-2022). 1,000,000 SEK*
9. European Investment Bank /Global Development Network: Microfinance Loans, Women’s Economic Empowerment, and Poverty: A Case Study of Baobab Microfinance Company. GDNIO/GRANT/2018-19/031/EIB2016. *Applicant (with Edgar Cooke) (November 2018-June 2020). €50,000*
10. SLU Global Seed money. SIDA project application: Engendering Rural Transformation for Sustainable Development (ENTRUST). A Joint UR-SLU Postgraduate Research Training Program to Build Research Capacity in Rwanda. *Co-applicant. (Autumn 2018). 50,000 SEK*
11. SLU Internationalization project within the area of Global Development grant: accepted project topic “Nudging for Sustainable Agriculture: Experimental Evidence on the Effects of Green Nudge”. *Co-applicant (Oct. 2016 - June 2017). 65,000 SEK*
12. UNU-WIDER project ‘Managing natural resource wealth’; accepted project topic ‘Natural Resource Revenues and Public Investment in Resource-Rich Economics in sub-Saharan Africa’ *Co-applicant (20 July 2015-March 2016) \$6,000*
13. The International Fund for Agricultural Development (IFAD) and School of International Development (DEV), University of East Anglia (UEA) project. “Technical Support to Ex-post Impact Evaluations using Mixed Method Approaches for Northern Regions Growth Programme (NRGP) and Rural Enterprises Project, Phase II (REP II), Ghana” Data Collection, *Co-applicant (2015). \$80,000*

#### SELECTED PUBLICATIONS (Peer Reviewed Journal Articles)

**Bibliometrics (29<sup>th</sup> June 2025): a. Citations: Google Scholar - 2292, Scopus- 1276. b. H-index: Google Scholar-24, Scopus-18.**

40. Adom, P.K., **Amuakwa-Mensah, F.**, Karimu, A. (Forthcoming). Low carbon energy transition and digital infrastructure from the Global South: A review. *Environment and Development Economics*.
39. Gebru, B., Elofsson, K., **Amuakwa-Mensah, F.**, Marbuah, G. (2025). Climate variability and its impact on sanitation facility choice in Ethiopia. *Discov Water* 5, 43. <https://doi.org/10.1007/s43832-025-00238-6>

38. Varacca, A., Castellari, E., Moro, D., Tiboldo, G., Dogbe, W., Gil, J. M., Revoredo-Giha, C., Akaichi, F., Irz, X., Surry, Y., **Amuakwa-Mensah, F.**, Sckokai, P. (2024). Simulating the impact of a carbon tax on food in four European countries. *Q Open* qoae023, <https://doi.org/10.1093/qopen/qoae023>
37. Abu Hatab, A., Krautscheid, L., Elsayied, M., **Amuakwa-Mensah, F.** (2024). COVID-19 risk perception and food security in the MENA region: evidence from a multi-wave household survey. *Food Security*, Vol. 16, pages 989–1008. <https://doi.org/10.1007/s12571-024-01470-z>
36. Carson, R. T., Hanemann, M., Köhlin, G., Adamowicz, W., Sterner, T., **Amuakwa-Mensah, F.**, Alpizar, F. et. al. (2023). Perceptions of the seriousness of major public health problems during the COVID-19 pandemic in seven middle-income countries. *Communications medicine* 3 (1), 193. <https://www.nature.com/articles/s43856-023-00377-8>
35. Abu Hatab, A., Krautscheid, L., **Amuakwa-Mensah, F.** (2023). COVID-19 risk perception and compliance with preventive measures: Evidence from a multi-wave household survey in the MENA region. *PLoS ONE* 18(7): e0283412. <https://doi.org/10.1371/journal.pone.0283412>
34. Adom, P.K., **Amuakwa-Mensah, F.**, Akorli, C.K. (2023). [Energy efficiency as a sustainability concern in Africa and financial development: How much bias is involved?](#) *Energy Economics*. Vol.120. 106577 <https://doi.org/10.1016/j.eneco.2023.106577>
33. Shiquan, D., Zhu, Y., Xu, D., **Amuakwa-Mensah, F.** (2023). [Ecological challenges in the economic recovery of resource-depleted cities in China.](#) *Journal of Environmental Management*, Vol. 333, 117406. <https://doi.org/10.1016/j.jenvman.2023.117406>
32. Klege, R. A., **Amuakwa-Mensah, F.** & Visser, M. (2022). [Tenancy and Energy Choices in Rwanda. A Replication and Extension Study.](#) *World Development Perspectives*. Vol. 26. 100429
31. Shiquan, D., **Amuakwa-Mensah, F.**, Deyi, X., Yue, C., Yue, C. (2022). [The impact of mineral resource extraction on communities: How the vulnerable are harmed.](#) *The Extractive Industries and Society* Vol. 10. 101090 <https://doi.org/10.1016/j.exis.2022.101090>
30. **Amuakwa-Mensah, F.**, Amuakwa-Mensah, S., Klege, R., Adom (2022). [Stockpiling and Food worries: changing habits and choices in the midst of COVID-19.](#) *Socio-Economic Planning Sciences* Vol. 82. Part A <https://doi.org/10.1016/j.seps.2021.101181>
29. Abu Hatab, A., **Amuakwa-Mensah, F.** & Lagerkvist, C.J. (2022) [Who moves and who gains from internal migration in Egypt? Evidence from two waves of a labor market panel survey.](#) *Habitat International*, Vol. 124. 102573. <https://doi.org/10.1016/j.habitatint.2022.102573>
28. **Amuakwa-Mensah, F.** & Näsström, E. (2022). [Role of banking sector performance for renewable energy consumption.](#) *Applied Energy*. Volume 306, Part B
27. Cooke, E. F. & **Amuakwa-Mensah, F.** (2022) [Microfinance Loans, Women's Economic Empowerment, and Poverty: A Case Study of Baobab Microfinance Company.](#) *Journal of Development Effectiveness*, 14:1, 34-55, <https://doi.org/10.1080/19439342.2021.1953568>
26. **Amuakwa-Mensah, F.**, Klege, R., Adom, Köhlin, G. (2021). [COVID-19 and Handwashing: Implications for Water Use in Sub-Saharan Africa.](#) *Water Resource and Economics*. Vol. 36. 100189
25. Adom, P. K., **Amuakwa-Mensah, F.**, Nsabimana, A. & Agrad, M.P (2021) [Energy Poverty, Development Outcomes, and Transition to Green Energy.](#) *Renewable Energy* 178, 1337-1352. <https://doi.org/10.1016/j.renene.2021.06.120>
24. Chiwona-Karlun, L. **Amuakwa-Mensah, F.** et al.(2021). [COVID-19- from health crises to food security anxiety and policy implications.](#) *Ambio*. 50, 794–811 <https://doi.org/10.1007/s13280-020-01481-y>
23. Kihui, E. **Amuakwa-Mensah, F.** (2021). [Agricultural Market Access, Dietary Diversity in Kenya: Gender considerations for achieving household nutrition outcome.](#) *Food policy*. 100, April, <https://doi.org/10.1016/j.foodpol.2020.102004>
22. Amaechina, E., Amoah, A., **Amuakwa-Mensah, F.** et al. (2020). ["Policy responses to ensure access to water and sanitation services during COVID-19: Snapshots from the Environment for Development \(EFD\) network"](#). *Water Economics and Policy*, Vol. 6, No. 4 <https://doi.org/10.1142/S2382624X20710022>
21. Adom, P.K., **Amuakwa-Mensah, F.** & Amuakwa-Mensah, S. (2020). ["Degree of financialization and energy efficiency in Sub-Saharan Africa: do institutions matter?"](#). *Financ Innov* 6, 33. <https://doi.org/10.1186/s40854-020-00192-3>
20. Hajdu, F., Granlund, S., Neves, D., Hochfeld, T., **Amuakwa-Mensah, F.**, Sandström, E. (2020) ["Cash transfers for sustainable rural livelihoods? Examining the long-term productive effects of the Child Support Grant in South Africa"](#). *World Development Perspectives* <https://doi.org/10.1016/j.wdp.2020.100227>

19. Gren, I.-M.; Amuakwa-Mensah, F. (2020) "[Multifunctional Forestry and Interaction with Site Quality.](#)" *Forests*, 11, 29.
18. Amuakwa-Mensah, F., Sam, V.N. & Kihui, E. (2019). "[Gender dimension of migration decisions in Ghana: The reinforcing role of anticipated welfare of climatic effect.](#)" *Int. J. Computational Economics and Econometrics*. 9(3).pp.181-200
17. Amuakwa-Mensah, F., Klege, R., Adom, P.K., Amoah, A., Hagan, E. (2018). "[Unveiling the energy saving role of banking performance in Sub-Saharan Africa](#)". *Energy Economics*. Vol.74. 828–842.  
<https://doi.org/10.1016/j.eneco.2018.07.031>
16. Lagerkvist, C.J., Amuakwa-Mensah, F., Mensah, J.T. (2018). "[How consumer confidence in food safety practices along the food supply chain determines food handling practices: Evidence from Ghana](#)". *Food Control* 93, 265–273
15. Nsabimana, A. & Amuakwa-Mensah, F. (2018). [Does mobile technology reduces agricultural price distortions? Evidence from Cocoa and Coffee industries.](#) *Agricultural and Food Economics*. Springer. 2018. 6:20  
<https://doi.org/10.1186/s40100-018-0115-3>
14. Gren, I-M, Amuakwa-Mensah, F. (2018) [Estimating economic value of site quality for uncertain ecosystem service provision in Swedish forest.](#) *Int. J. of Biodiversity Science, Ecosystem Services & Management (now Ecosystems and People)*. 14:1, 117-126, DOI:10.1080/21513732.2018.1472143
13. Amuakwa-Mensah, F., Bärenbold, R., Riemer, O. (2018). "[Deriving a Benefit Transfer Function for Threatened and Endangered Species in Interaction with Their Level of Charisma.](#)" *Environments* 5, no. 2: 31.
12. Marbuah, G., Amuakwa-Mensah, F. (2017). "[Spatial Analysis of Emissions in Sweden.](#)" *Energy Economics*, Vol. 68, October 2017, pages 383-394
11. Karimu, A., Adu, G., Marbuah, G., Mensah, J.T., Amuakwa-Mensah, F. (2017) "[Natural resource revenues and public investment in resource-rich economies in sub-Saharan Africa,](#)" *Review of Development Economics*.  
<http://onlinelibrary.wiley.com/doi/10.1111/rode.12313/full>
10. Amuakwa-Mensah, F., Marbuah, G., & Ani-Asamoah Marbuah, D. (2017) "[Re-examining the determinants of non-performing loans in Ghana's banking industry: Role of the 2007-2009 financial crisis.](#)" *Journal of African Business*. <https://doi.org/10.1080/15228916.2017.1308199>
9. Amuakwa-Mensah, F., Adom, P.K. (2017). "[Quality of institution and the FEG \(forest, energy intensity, and globalization\) -environment relationships in sub-Saharan Africa,](#)" *Environ. Sci. Pollut. Res.* 24, 17455–17473. doi:10.1007/s11356-017-9300-2
8. Amuakwa-Mensah, F., Marbuah, G., Mubanga, M. (2017) "[Climate variability and infectious diseases nexus: Evidence from Sweden.](#)" *Infectious Disease Modelling*, Vol. 2, (2), pp. 203-217
7. Adom, P.K., Amuakwa-Mensah, F. "[What drives the energy saving role of FDI and industrialization in East Africa?](#)" *Renewable and Sustainable Energy Reviews*, Volume 65, November 2016, Pages 925-942, ISSN 1364-0321, <http://dx.doi.org/10.1016/j.rser.2016.07.039>
6. Amuakwa-Mensah, F., Boakye-Yiadom, L. and Baah-Boateng, L.. (2016) "[Effect of Education on Migration Decisions in Ghana: A Rural-Urban Perspective](#)", *Journal of Economic Studies*, Vol. 43 (2), pp.336 – 356
5. Asante, F.A. and Amuakwa-Mensah, F. (2015) "[Climate change and variability in Ghana: Stocktaking,](#)" *Climate*, 3(1):78-99. DOI: 10.3390/cli3010078
4. Amuakwa-Mensah, F. and Marbuah, G. (2015) "[The Determinants of Net Interest Margin in Ghanaian Banking Industry.](#)" *Journal of African Business*, Vol. 16 (3), pp. 272-288  
<http://dx.doi.org/10.1080/15228916.2015.1069679>
3. Amuakwa-Mensah, F., Marbuah, G., Sam, N. V. and Barimah, A. (2015) "[Credit Risk and Universal Banking: Evidence from the Banking Industry in Ghana.](#)" *Int. J. Computational Economics and Econometrics*, Vol. 5 (4), pp.406–429
2. Amuakwa-Mensah, F. and Boakye-Adjei, A. (2015) "[Determinants of non-performing loans in Ghana banking industry.](#)" *Int. J. Computational Economics and Econometrics*, Vol. 5 (1), p. 35-54
1. Adom, P. K., Bekoe, W., Amuakwa-Mensah, F., Mensah, J. T. and Botchway, E. (2012) [Carbon dioxide emissions, economic growth, industrial structure, and technical efficiency: Empirical evidence from Ghana, Senegal, and Morocco on the causal dynamics.](#) *Energy*, Vol. 47 (1), 314-325.

*Working Papers / Policy Papers/Technical report*

1. Gebru B., Elofsson, K., Amuakwa-Mensah, F., Marbuah, G., (2024), Climate variability and its impact on sanitation facility choice: Evidence from Ethiopia, Working Paper Series N° 382, African Development Bank,



Abidjan, Côte d'Ivoire. <https://www.afdb.org/en/documents/working-paper-382-climate-variability-and-its-impact-sanitation-facility-choice-evidence-ethiopia>

2. **Amuakwa-Mensah F.**, Adom, P.K., Amin Karimu, A., Jabir Ibrahim Mohammed, J.I. (2023), Brief actionable research agenda on: Infrastructure. Funded by IDRC-CRDI, Canada.  
[https://www.efdinitiative.org/sites/default/files/publications/EfD\\_twopager\\_A4\\_INFRASTRUCTURE.pdf](https://www.efdinitiative.org/sites/default/files/publications/EfD_twopager_A4_INFRASTRUCTURE.pdf)
3. Adom, P.K., Karimu, A., **Amuakwa-Mensah, F.**, and Mohammed, J.B. (2023). A research agenda for low carbon transition and gender equity in the Global South (Infrastructure). IDRC-CRDI Funded, Canada.  
[HTTPS://BIT.LY/3ZYFP1P](https://bit.ly/3ZYFP1P)
4. Cooke, E. F., **Amuakwa-Mensah, F.** (2020). "Microfinance Loans, Women's Economic Empowerment, and Poverty: A Case Study of Baobab Microfinance Company." In The impact of private sector projects in Africa: Studies from the EIB-GDN Programme, Cycle 2. 306 Pages. ISBN: 978-92-861-4843-9.  
<https://doi.org/10.2867/751564>
5. **Amuakwa-Mensah, F.**, Klege, R., Adom, P.K., Köhlin, G. (2020). "COVID-19 and Handwashing: Implications for Water Use in Sub-Saharan Africa". *Environment for Development Discussion Paper Series*. No. EfD DP 20-18
6. Kihui, E.N., **Amuakwa-Mensah, F.** (2016). "Improving Access to Livestock Markets for Sustainable Rangeland Management," ZEF – Discussion Papers on Development Policy No. 215, Center for Development Research, Bonn, May 2016, pp. 42.
7. Adu, G., **Amuakwa-Mensah, F.**, Marbuah, G., Mensah, J.T. (2016), "Effect of gold mining on income distribution in Ghana." FAERE Working Paper, 2016.23.
8. Karimu, A., Adu, G., Marbuah, G., Mensah, J.T., **Amuakwa-Mensah, F.** (2016). "Natural resource revenues and public investment in resource-rich economies in sub-Saharan Africa." UNU-WIDER Research Paper wp2016-024
9. Domfe, G., Osei-Akoto, I., **Amuakwa-Mensah, F.** and Owusu, G. (2013), "Labour Market Analysis and Business Process Outsourcing in Ghana: Poverty Reduction through Information and Digital Employment Initiative (PRIDE Africa)." Research Report No 2. Durban: University of KwaZulu-Natal. August 2013.

#### SCHOLARSHIPS, AWARDS & TRAVEL GRANTS

1. Sustainable Energy Transitions Initiative (SETI), Duke University, U.S.A (Spring 2018)
2. International Conference of Agricultural Economists (ICAE 2018) in Vancouver, Canada (Summer, 2018)
3. North-eastern Agricultural and Resource Economics Association (NAREEA) Scholarship (Spring 2017)
4. Travel Grant from Wallenberg Foundation, SLU (Spring 2017)
5. Travel Grant from Wallenberg Foundation, SLU (Spring 2016)
6. Scandinavian Society of Forest Economics (SSFE) Student Conference Scholarship (Spring 2016)
7. Graduate Fellowship, The Swedish Research Council (FORMAS), Dept. of economics, SLU (2013-2017)
8. UNU-WIDE sponsorship for TIPS workshop in Pretoria, South Africa. (Oct. 2012)
9. Collaborative MA Programme at the Joint Facility for Elective courses (JFE), Sponsored by the African Economic Research Consortium (AERC). (June - Oct.2010)

#### REFEREEING JOURNALS

The World Bank Economic Review, World Development, Energy Policy, Energy Economics, Food Policy, Agricultural Economics, Environment and Development Economics, Sustainable Cities and Society, Energy Strategy Reviews, Sustainability, Journal of Economic Studies, Feminist Economics, African Development Review, PLOS One, Ambio, Scientific Reports, International Review of Applied Economics (see more here: <https://www.webofscience.com/wos/author/record/699413> )

#### TEACHING

**Luleå University of Technology, Sweden**

*Bachelor*

1. Applied Mathematics for economics (7.5 credit) (Course leader, Lecturer (100%)) (Spring & Fall 2022-)
2. Econometrics (7.5 credit) (Course leader, Lecturer, 100%) (Fall, 2022-)
3. Applied statistics for social scientists (7.5 credits) (Course leader, Lecturer (100%)) (Spring course 2023-)

## **Swedish University of Agricultural Sciences, Department of Economics, Uppsala**

### *Masters*

4. Cost Benefit Analysis of Agricultural and Environmental Projects (7.5 credit) (*Course leader, Examiner, Lecturer (100%)*) (2017)
5. Cost Benefit Analysis of Agricultural and Environmental Projects (7.5 credit) (*Lecturer (50%)*) (2015-2016)
6. Management of Biological Resources (Environmental and natural resources economics) (7.5 credit) (*Lecturer(35%)*) (2014-2016)

### *Bachelor*

7. Microeconomics and its Applications in Agricultural and Environmental Economics (15 credit) (Course leader, Examiner, Lecturer (75%)) (2019 spring)
8. Econometrics and programming (15 credit) (Course leader, Examiner, Lecturer (75%)) (2018 Autumn)
9. Agricultural Policy and International Trade (7.5 credits) (Course administrator) (2018 Autumn)
10. Microeconomics III (10 credits) (Course leader, Lecturer(100%)) (2018 Spring)

## **University of Ghana, Institute of Continuing and Distance Education, Accra**

### *Bachelor*

1. Macroeconomic Theory for levels 300 & 400 (Tutor) (*June 2009 – July 2013*)
  2. International Trade & Finance for level 400 (Tutor) (*June 2009 – July 2013*)
- Other responsibilities: assisted in writing of course modules in Economy of Ghana, Microeconomics Theory and Macroeconomics Theory.

## **University of Ghana, Department of Economics, Accra**

3. Microeconomics Theory (Teaching Assistant) (*Oct. 2011 – Feb. 2012*)
4. Macroeconomic theory (Teaching Assistant) (*Oct. 2011 – Feb. 2012*)
5. Applied Mathematics (Teaching Assistant) (*Oct. 2011 – Feb. 2012*)

## **Ashesi University College, Ghana.**

### *Bachelor*

1. Macroeconomics, (Teaching Assistant) (*July 2011 – Dec. 2011*)

## **PROFESSIONAL EVALUATIONS FOR ACADEMIC POSITIONS / QUALITY CONTROL**

1. 2024-External Examiner, Environment Economics course. University of Cape Town.
2. 2024 – Expert Reviewer, National Science Centre, Poland.
3. 2023-External Examiner, PhD thesis in Economics (Isaac Kwamena Nunoo), University of Cape Town.
4. 2022-External examiner, Master thesis (1) in Agricultural and Resource Economics, University of Pretoria, South Africa
5. 2022-2024-External examiner, Bachelor theses (20) in Agricultural and Resource Economics, University of Pretoria, South Africa
6. 2019&2022 – Evaluator of 3 academic applications for South Africa's National Research Foundation
7. 2021 - Quality Control Expert Review on the project "Steering Migration through Sustainable Development: Euro-Egyptian Program for Agriculture and Rural Development (DeVilag)" funded by Erasmus+ Programme of the European Union

## **ADMINISTRATION**

1. Manager of EfD Research fund (July 2019-present)
2. Administrator at University of Gothenburg for PhD program within University of Rwanda-Sweden Sida Bilateral PhD Program (July 2020-present). And Addis Ababa University (AAU) program
3. Co-PI for ENTRUST program within University of Rwanda-Sweden Sida Bilateral PhD Program. Project hosted at SLU but with 1 PhD student hosted at Lulea University of Technology.

## **SUPERVISIONS**

### **PhD**

1. Ferdinand Nkikabahizi (PhD, expected completion 2026). Luleå University of Technology
2. Aline Mutabazi (PhD, expected completion 2026). University of Rwanda – Gothenburg University
3. Mohammed Beshir (PhD, expected completion 2025). Addis Ababa University – Gothenburg University
4. Bahre Gebru Kiros (PhD, defended on September 2023). “Essays on the economics of climate change adaptation and natural resource use”. SLU, Dept. of Economics

## Masters

1. Denis Muminovic & Gustav Koritz (Masters level, 2024). “Swedish people’s willingness-to-pay for non-battery electric passenger vehicles”. Luleå University of Technology, Economics Unit
2. Edvin Bäckman & Gustaf Hedegård (Masters level, 2024) “Extending future electricity consumption estimations: Adding a price-variable to the current temperature based model”. Luleå University of Technology, Economics Unit
3. Marcus Martinsson (Masters level, 2023) “Climate Change and Long-term Economic Impact: Analysis of Swedish Counties”. Luleå University of Technology, Economics Unit
4. Elin Näsström (Masters level, 2019) “The role of banking sector performance for renewable energy consumption- A panel study for 124 counties between the years 1998 – 2012”. SLU, Dept. of Economics
5. Japhet Alfred Ntwalle (Masters level, 2019) “Determinants of Tanzania Rural Households’ Income Diversification and its Impact on Food security”. SLU, Dept. of Economics
6. Tesfom Melake Araya (Masters level, 2019) “Effect of air pollution on morbidity in Sweden-County level case studies”. SLU, Dept. of Economics
7. Sabina Dellstig (Masters level, 2019), “The effect of the Swedish carbon tax on household and industry emissions.” SLU, Dept. of Economics
8. Jean Uwizeye (Masters level, 2019) “The economic value of the effects of weather variability on forest ecosystem services in Sweden.” SLU, Dept. of Economics
9. Rebekka Bärenbold (Masters level, 2018) “Environmental Policy After Brexit– How Does the Introduction of a Carbon Tax Affect The British Economy?” SLU, Dept. of Economics
10. Olivia Riemer (Masters level, 2018) “Social Capital as a Determinant of Farm-level Sustainable Land Management Adoption and Efforts: A case study of smallholder farmers in northern Benin.” SLU, Dept. of Economics

## Bachelors

11. Christoffer Karlsson Jamous (Bachelor level, 2018). “Cost-efficient abatement: Reaching the national air quality standard for PM2.5 concentration in Delhi”. SLU, Dept. of Economics
12. Kornelia Johansson. (Bachelors, 2017). Costs and benefits of a mining project in Rönnebäck: a CBA on the social and environmental impacts of mining. SLU, Dept. of Economics

## CONFERENCES

### *Accepted Papers / Presentations*

1. *Water-Energy-Food use in times of COVID-19 pandemic in seven developing countries. Society for Benefit-Cost Analysis 2024 Annual Conference* 18-19 March. Washington DC. USA.
2. *Water-Energy-Food use in times of COVID-19 pandemic in seven developing countries. THE SOCIETY FOR BENEFIT COST ANALYSIS: FOURTH EUROPEAN CONFERENCE 2023* 11-12 SEPT. MILAN
3. **Environment for Development annual meeting 2022. Kampala, Uganda.** Convener
4. *Preliminary Results from a Multi-country Survey: Households’ Knowledge, Attitudes, and Behaviors Regarding the COVID-19 Epidemic and Vaccines. Society for Benefit Cost Analysis 2022 ANNUAL CONFERENCE Virtual*
5. **Environment for Development annual meeting 2021. Virtual.** Convener
6. *COVID-19 and Handwashing: Implications for Water Use in Sub-Saharan Africa. Environment for Development annual meeting 2020.* Virtual. Convener
7. **Environment for Development annual meeting 2019. Bogota, Colombia.** Convener
8. *Weather Shocks and Local Corruption in Africa. CSAE Conference 2019: Economic Development in Africa.* St Catherine's College, Oxford. 17th- 19th March 2019.
9. *Analysis of the effect of perceived risk on consumers' confidence in food safety practices: Evidence from Ghana. 32nd EFFoST International Conference,* 6-8 November 2018 | Nantes, France
10. *Production risk and technical (in)efficiency amongst smallholder livestock farmers in Botswana: An exploratory investigation. 30th International Conference of Agricultural Economists (ICAE 2018)* in Vancouver, British Columbia, Canada, 28 July – 2 August 2018



11. *Analysis of the effect of perceived risk on consumers' confidence in food safety practices: Evidence from Ghana.* **International Food Policy Research Institute (IFPRI)'s workshop** on Food Industries for People and Planet (FIPP): Toward a New Research Agenda. June 26, 2018, Washington, D.C. U.S.A
12. *Drivers of household energy use within Engel's curve framework: Evidence from Rwanda.* **Sustainable Energy Transitions Initiative (SETI) 2018 meeting**, May 15-17, 2018 at Duke University (Durham, NC).
13. *Unveiling the energy saving role of banking performance in Sub-Sahara Africa.* **Sustainable Energy Transitions Initiative (SETI) 2018 meeting**, May 15-17, 2018 at Duke University (Durham, NC).
14. *On the inflation and inflation uncertainty nexus: Evidence from quantile regression.* **CSAE Conference 2018: Economic Development in Africa.** St Catherine's College, Oxford. Sun 18th - Tues 20th March 2018
15. *Mines and Minds: The Effect of Mining on Educational Outcomes in Ghana.* **Working Group in African Political Economy (WGAPE)**, January 26-28, 2018 at New York University-Abu Dhabi.
16. *Consumers' confidence in food safety practices along the food supply chain determine food handling practices: Evidence from Ghana.* **31st EFFoST International Conference** 13-16 November 2017 | Melia Sitges, Sitges, Spain
17. *How do Natural Resources Affect Human Capital Accumulation in Developing Countries? Evidence from Ghana.* **11<sup>th</sup> EFD Annual Meeting** to be held on 27-30 October, 2017 in Addis Ababa, Ethiopia
18. *Climate element of internal migration decisions in Ghana: Micro Evidence.* **UNU-WIDER and ARUA conference on migration and mobility**, in Accra, Ghana on 5-6 October 2017.
19. *Multifunctional forestry and interaction of site quality mechanism.* **4th FAERE Annual conference** in Nancy on 12-13 September 2017
20. *Multifunctional forestry and interaction of site quality mechanism.* Presented at **24th Ulvön Conference on Environmental Economics**, 20th-22nd of June, 2017, Ulvön, Sweden
21. *Climate variability and infectious diseases nexus: Evidence from Sweden.* **Northeast Agricultural and Resource Economics Association (NAREA) 2017 Annual Meeting** in Washington, D.C. June 11-14, 2017.
22. *How do Natural Resources Affect Human Capital Accumulation in Developing Countries? Evidence from Ghana.* **CSAE Conference 2017: Economic Development in Africa.** St Catherine's College, Oxford. 19 Mar 2017 - Tue, 21 Mar 2017
23. *How do Natural Resources Affect Human Capital Accumulation in Developing Countries? Evidence from Ghana.* **The Annual Bank Conference on Africa (ABCA 2017)** Sutardja Dai Hall, Berkeley, California, June 1 - 2, 2017
24. *Mining and Educational Outcomes in Ghana.* **ASWEDE conference** 4-5 May, 2017 Örebro. Sweden
25. *Not Bad After All: Mining and Educational Outcomes in Ghana.* **CSAE Conference** 19-21 March 2017, Oxford
26. *Fungi diversity in Swedish forests: impact of site quality on standing volume and variability in forest growth* presented at **3rd FAERE Annual Conference**, September 08-09, 2016 – Bordeaux
27. *Fungi diversity in Swedish forests: impact of site quality on standing volume and variability in forest growth* presented at **EcoSummit 2016: Ecological Sustainability: Engineering Change.** 29 August - 1 September 2016 | Le Corum, Montpellier, France
28. *Fungi diversity in Swedish forests: impact of site quality on standing volume and variability in forest growth* at **Scandinavian Society of Forest Economics (SSFE) 2016 Biennial conference**, Oscarsborg, May 25th-27th 2016
29. *Is internal migration welfare improving in Ghana? A Gender perspective.* Presented at **UNU-WIDER/University of Namur Workshop 'Gender and Development'**, 11-12 November 2015, University of Namur, Belgium
30. *Climate element of migration decision in Ghana: Micro evidence* at the **FAERE 2015 annual conference**, Toulouse, France
31. *Enhancing livestock market access for sustainable rangeland management and improved livelihoods in Kenya* (with E. N. Kihui) at **3<sup>rd</sup> UNCCD Scientific Conference**, 9-12 MARCH 2015, CANCÚN, MEXICO
32. *Enhancing livestock market access for sustainable rangeland management and improved livelihoods in Kenya* (with E. N. Kihui) at **Tropentag 2015**, Berlin, Germany.