

CURRICULUM VITAE

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CAREER OBJECTIVE:

To be a top-notch academic/lecturer and researcher in fields related to Health Economics, Econometrics, Machine Learning, Economic Growth and Development, Financial Economics, Environmental and Natural Resources Economics, Monetary Economics, and Public Finance.

SPECIALIZATION SUMMARY

My doctoral specialization encompasses advanced Econometrics, with a particular emphasis on machine learning methods, Bayesian Econometrics, Time Series and Panel Data Econometrics, Belief Function Econometrics, and Computational Econometrics techniques. This quantitative expertise is complemented by a robust foundation in Financial Economics, Health Economics, and Game Theory. Throughout my doctoral research, I have developed a deep understanding of applying cutting-edge econometric tools to economic data, enabling nuanced analyses of complex economic phenomena. My proficiency extends to designing and evaluating economic models that incorporate strategic interactions and uncertainty, making me well-equipped to tackle sophisticated economic questions. This integrated specialization empowers me to contribute effectively to the formulation and assessment of evidence-based policies that promote, optimize, and inform strategic decision-making across diverse economic contexts.

CURRENT RESEARCH INTERESTS

Evaluation of threshold and kink effects: Analysing the dynamics of kink and threshold effects of economic and financial variables in Sub-Saharan African economies using frequentists' and Bayesian econometric modelling, which are predicated on computational econometric modelling.

Evaluating the Dynamics of Financial and Macroeconomic Variables:

Integration of machine learning algorithms and traditional volatility and state space models to investigate the dynamics of financial and macroeconomic variables intended for policy briefs and stakeholder engagements.

Economic Evaluation of Healthcare Interventions: Applying cost-benefit, cost-effectiveness, and cost-utility analyses to assess health programs and technologies, informing resource allocation decisions.

Health Policy Analysis and Management: Investigating policy impacts on health system performance, equity, and sustainability; designing frameworks for evidence-based health policy formulation.

Healthcare Financing and Insurance Economics: Exploring financing mechanisms, insurance coverage models, and incentives to improve healthcare delivery and financial risk protection.

Econometrics for Health Outcomes: Utilizing advanced econometric and machine learning techniques to analyze health data, model disease burden, and evaluate determinants of health service utilization.

EDUCATIONAL BACKGROUND AND QUALIFICATIONS

2020 –2024: PhD (Economics). Chiang Mai University; Chiang Mai, Thailand.

Specialization: Econometrics (Machine Learning/Computational Econometrics, Belief Function Econometrics, Nonlinear Econometrics, and Time Series), Financial Economics, Game Theory, and Health Economics.

2008-2010: MPhil (Economics).
University of Ghana, Legon, and African Economic Research Consortium (AERC) CMAP-JFE, Kenya.

Specialization: Health Economics, Monetary Economics, Public Finance, and Environmental Economics.

2003–2007: BA (Hon.) Economics (First Class Division).
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi.

Specialization: Mathematical Economics, Monetary Economics, and Public Finance.

1998–2001: Teacher’s Certificate ‘A’.
Ada Teacher Training College; Ada (now, Ada College of Education)

Specialization: Social Studies

1995-1997: Senior Secondary School Certificate Examination.
Abor Senior Secondary School, Abor.

Electives: Economics, Geography, and French.

PROFESSIONAL/WORK EXPERIENCE

2024 – Date: University of Education, Winneba.
Lecturer, Department of Economics Education.

Undergraduate courses taught:

- Econometrics.
- Intermediate Microeconomics.
- Statistics for Economists
- Public Sector Economics

2024 – Date: Dataking Consulting and Research Lab, Ghana.
Head of Research, Strategic Director & Senior Fellow.

2011 - 2024: Evangelical Presbyterian University College (EPUC), Ho, Ghana.
Ag. Head, Department of Marketing and Supply Chain Management.
Graduate course(s) I taught: Statistics for Business and Economics (MBA class)

2011- 2020 & 2024: Evangelical University College, Ho, Ghana.

Undergraduate Economics courses I taught:

- Development Economics
- Environmental Economics
- Monetary Economics
- Principles of Economics
- Public Finance.
- Quantitative Methods

My additional responsibilities included:

- Course content development in Economics (2011-2020).
- Coordinator, Students’ Industrial Attachment Unit (2019-2020).
- Supervision of undergraduate dissertations (2011-2020).
- An academic advisor (2011-2019).
- *EPUC Journal* editorial board member (2016-2017).

September 2011- January 2012 (**Part-time**): Economics Tutor, University of Ghana; Legon; Distance Education Unit, Tsito Centre.

I had taught the following Level 300 Economics courses and greatly inspired my students to love economics, contrary to their initial explicit display of phobia for the subject:

- Microeconomic Theory
- Macroeconomic Theory
- Mathematics for Economists

2007 - 2008: Abor Senior High School, Abor.
Teacher: Economics teacher and ICT Coordinator.

2001–2003: Vume Basic School; Ketu North District.
Teacher

SPECIAL SKILLS AND EXPERTISE

- Computational econometric modelling, panel data econometrics, time series econometrics, and Non-linear econometric analysis.
- Machine learning and big data analysis.
- Coding with *R* and data analysis using *R*, *STATA*, and *Eviews*.
- Meta-analysis in SDGs research using *STATA*.

CERTIFICATED PROFESSIONAL TRAININGS

- 30th - 31st Oct. 2023: Econometrics of Static and Dynamic Panel Data.
Faculty of Economics and Business, Padjadjaran University, Indonesia.
- August (3rd, 8th, 9th, 15th), 2023: Quantum Computing in Econometrics.
Centre of Excellence in Econometrics, Chiang Mai University, Thailand
- 18th July, 2023: Introduction to Data Analysis using *Eviews*.
Institute for Statistical and Data Science, Instats, Australia.
- 28th June, 2023: Meta-analysis for Research in the SDGs using STATA.
Faculty of Economics, Chiang Mai University, Thailand
- 18th-19th, 2023: Training in Computational General Equilibrium Modelling.
Centre for Quantitative Policy Modelling, CEDS, Indonesia.
- March 23, 2016: Competence in Teaching and Learning in Higher Education.
WABER Professional Education.

SOCIAL AND COMMUNITY SERVICES

1st Aug., 2025 – 31st July, 2026: Academic Counsellor for Level 300 Students, Dept. of Economics, UEW

20th July, 2025- Date: Coordinator, Departmental Seminar, Economics Dept, UEW
 2025 [August 20]: Main Speaker, Questions & Answers on Faith and Christian Life on Campus
 2024 - 2025 Member: Committee to review BA (Economics Education) Programme, UEW
 2025 Member: Committee drafting the new B.Ed (Economics) Programmes, UEW
 2025 – Date: Patron: Spoken Word Students’ Fellowship, UEW
 2024/2025: Pre-internship Facilitator

SCHOLARSHIPS AND STUDY GRANTS

- 2020 – 2024 **Chiang Mai University Presidential Scholarship.**
 Scholarship for Doctoral Studies
- 2008 - 2009 **African Economic Research Consortium (AERC), Nairobi, Kenya.**
 Financial support for Joint Facility of Electives in the Collaborative
 Master of Arts program (CMAP).

PUBLICATIONS:

BOOK CHAPTERS

1. **Mensaklo, E.,** Chaiboonsri, C., Chokethaworn, K., Sriboonchitta, S. (2025). Estimating the Nonlinear Effect of Economic Freedom on Growth in Sub-Saharan Africa: A Panel Data Approach. In: Iglesias, A., Shin, J., Patel, B., Joshi, A. (eds) Information Systems for Intelligent Systems. ISBM 2024. Lecture Notes in Networks and Systems, vol 1254. Springer, Singapore. https://doi.org/10.1007/978-981-96-1744-9_42.
2. **Mensaklo, E.,** Chaiboonsri, C., Chokethaworn, K., Sriboonchitta, S. (2024). Bayesian Fixed-Effects Panel Kink Regression with Unknown Threshold with Application to the Impact of Economic Freedom on Economic Growth. In: Kreinovich, V., Yamaka, W., Leurcharusmee, S. (eds) Applications of Optimal Transport to Economics and Related Topics. Studies in Systems, Decision and Control, vol 556. Springer, Cham. https://doi.org/10.1007/978-3-031-67770-0_28.
3. Sowu, A.K., Intapan, C., Chaiboonsri, C., **Mensaklo, E.** (2024). Economic Growth in Sub-Saharan Africa: An Analysis of the Technical Efficiency of Natural Resource Rent and Institutions Based on a Copula Stochastic Frontier Model. In: Kreinovich, V., Yamaka, W., Leurcharusmee, S. (eds) Applications of Optimal Transport to Economics and Related Topics. Studies in Systems, Decision and Control, vol 556. Springer, Cham. https://doi.org/10.1007/978-3-031-67770-0_30.

JOURNAL PAPERS

1. **Mensaklo, E.,** Chaiboonsri, C., Chokethaworn, K., & Sriboonchitta, S. (2023). Comparing Classical and Bayesian Panel Kink Regression Frameworks in Estimating the Impact of Economic Freedom on Economic Growth. *Economies*, 11(10), 253. MDPI AG. <http://dx.doi.org/10.3390/economies11100253>.

2. Somsak Chanaim, Wilawan Srichikul & **Emmanuel Mensaklo**. (2023). A Copula-Based Stochastic Frontier Analysis of Thai Jasmine Rice Production in the Northeast of Thailand. *TEM Journal*, 12(4), 2312-2318.
[doi: 10.18421/TEM124-42](https://doi.org/10.18421/TEM124-42).
3. **Mensaklo, E.**, Kornu D.D., & Dorm B. (2017). An empirical analysis of the determinants of saving behaviour by households in Ghana. A case study of Ho Municipality: An individual-level analysis. *Journal of Economics and Sustainable Development*, Vol 8, No 6:7-17.
4. Kornu D.D., **Mensaklo E.**, & Obeng S.G.K. (2016). Examining the Determinants of Aggregate Savings in Ghana. *EPUC Journal*. Vol 1 (1):4-23.
5. Kornu D.D., **Mensaklo E.**, & Obeng S.G.K. (2015). The impact of higher education on earning and individual social development. *International Journal of Humanities and Social Studies*, 3(8): 110-117.

CONFERENCE/WORKSHOP PAPERS PRESENTED

1. **Mensaklo, E.**, Chaiboonsri, C., Chokethaworn, K., & Sriboonchitta, S. (2024). Estimating the Nonlinear Impact of Economic Freedom on Economic Growth in Sub-Saharan Africa: A Panel Data Approach. [Presented during The 3rd World Conference on Information Systems and Business Management, Bangkok, Thailand, 12th – 13th September, 2024].
2. **Mensaklo, E.**, Chaiboonsri, C., Chokethaworn, K., & Sriboonchitta, S. (2024). Bayesian Fixed-Effects Panel Kink Regression with Unknown Threshold with Application to the Impact of Economic Freedom on Economic Growth. [Presented during the 17th International Conference of Thailand Econometric Society, from 4th – 6th January 2024: <https://tes.econ.cmu.ac.th/article/tesprogram>].
3. Sowu, A. K., Intapan, C., Chaiboonsri, C., & **Mensaklo, E.** (2024). Economic Growth in Sub-Saharan Africa: An Analysis of Technical Efficiency of Natural Resource Rent and Institutions Based on a Copula Stochastic Frontier Model. [Presented during the 17th International Conference of Thailand Econometric Society, from 4th – 6th January 2024: <https://tes.econ.cmu.ac.th/article/tesprogram>].

REFEREES:

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