
WISDOM TAKUMAH

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EDUCATION

Emory University, Atlanta, USA Ph.D. in Economics	<i>2018 - 2024</i>
Emory University, Atlanta, USA MA in Economics	<i>2018 - 2021</i>
South Dakota State University, Brookings, USA M.Sc in Economics	<i>2016 - 2018</i>
South Dakota State University, Brookings, USA M.Sc in Data Science	<i>2017 - 2018</i>
University of Cape Coast M.Phil in Economics	<i>2011 - 2013</i>
University of Cape Coast B.A. in Economics & Mathematics	<i>2006 - 2010</i>

RESEARCH INTERESTS

Empirical Macroeconomics, Time Series Econometrics, Machine Learning Application in Macroeconomics, Monetary and Fiscal Policy.

RESEARCH EXPERIENCE

Emory University, Atlanta, USA

- Dissertation Research, "Essays in Macroeconomics" supervised by Prof. Juan Rubio Ramirez and Prof. Elena Pesavento.
- Thesis Research, "Effects of Fiscal policy on Consumption Dynamics" supervised by Prof. Juan Rubio Ramirez.
- Research Assistant (Prof Caroline Fohlin): Provide summaries of published articles, conduct literature reviews, data analysis, performing bubble test and structural break test with Eviews and Stata. (Fall 2019).
- Worked on two projects, "Did the Founding of the Fed Stabilize the Overnight Funding Market? New Evidence from Daily Call Money Rates, 1900-33" and "Rumors and Runs in Opaque Markets: Evidence from the Panic of 1907".
- Research Assistant (Prof John Kim): Data compilation and analysis using Stata (Fall 2020)

South Dakota State University, Brookings, USA

- Research Assistant(Prof Hailong Jin: Conducting literature reviews, data extraction and analysis, preparing presentations and writing reports(2017-2018)

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- Teaching Assistant (Fall 2016): "Intermediate Macroeconomics" under Prof Gary. Provide tutoring and held review sessions for students and grading homeworks and exams. (2016- 2017)

TEACHING EXPERIENCE

Emory University,*Institute of Quantitative Theory and Methods.*

- QTM 100 Lab Instructor: Introduction to Statistical Inference using R software. (Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023).

Emory University, *Department of Economics.*

- Course Instructor (Fall 2023): Stock, Bonds & Financial Markets
- Course Instructor (Summer 2023): Intermediate Macroeconomics and Money & Banking
- Course Tutor (Spring 2023): Intermediate Macroeconomics and Money & Banking
- Teaching Assistant (Fall 2022): Probability and Statistics Lab
- Course Instructor (Spring 2022): Intermediate Macroeconomics
- Course Instructor (Summer 2021): Intermediate Macroeconomics & Intermediate Microeconomics.
- Teaching Assistant (Fall 2021): "Intermediate Macroeconomics" under Prof Jong Kim
- Teaching Assistant (Spring 2021): "Probability & Statistics for Economist under the supervision of course instructor Prof. Jong Kim
- Teaching Assistant(Spring 2020): "Financial Economics", Behavioral Economics & Finance and Financial Econometrics, under the supervision of course instructor Prof. John Kim.

WORK IN PROGRESS

- Fiscal Policy and Asset Prices in a Dynamic Factor Model with Cointegrated Factors (*submitted*).
- Connectedness and Layers Factors (in progress).
- Comovement and Transmission of Shocks in US Housing Market (in progress).

PUBLICATIONS

Jin, H., Takumah, W., & Jorenby, J. (2018). Currency Internationalization and the International Price System. *International Advances in Economic Research*, 24(4), 303-309)

Takumah, W., & Iyke, B. N. (2017). The links between Economic Growth and Tax Revenue in Ghana: An Empirical Investigation. *International Journal of Sustainable Economy*, 9(1), 34-55

WORKING PAPERS

Takumah, W.(2021) The Effect of fiscal policy on Consumption Dynamics. a Factor Augmented VAR Approach. MPRA Paper No. 109171.

Takumah, W. (2018). Implications of macroeconomic controls in Ghana. MPRA Paper No. 92104.

Takumah, W. (2014). The Dynamic Causal Relationship between Government Revenue and Government Expenditure Nexus in Ghana. MPRA Paper No. 58579.

CONFERENCE

ASSA-AEA 2023 Annual Meeting, New Orleans Jan 6-8, 2023.

2022 NABE Tech Economics Conference. Seattle Nov 6-9 2022.

94th International Atlantic Economic Conference 6-9 October 2022, Washington DC.

Jin, H., Takumah, W., & Jorenby, J. (2017). Crowding-out Effects in US. 87th Southern Economics Association (SEA) Conference, Tampa, Florida.

WORK EXPERIENCE

United Nations University World Institute for Development and Economic Research (UNU-WIDER), University of Ghana *2015-2016*

Research Analyst

Responsibilities: Conducting literature searches, compiling, and analyzing data, developing research survey and questionnaires; administering survey instruments, preparing research manuscripts, research presentations as well as developing and maintaining databases.

LANGUAGES AND OTHER SKILLS

**Software & Tools
Languages**

EvIEWS, L^AT_EX, Mathematica, Matlab, Python, R, Stata, SAS, Azure, Weka
English (fluent)

ACADEMIC AWARDS

- Emory Library ECDS Data Service Fellowship (September 2023– May 2024)
- Ph.D. Full Scholarship, Emory University (August 2018–August 2023)
- (2018)-Best Graduate Research Assistant Award. Department of Economics. South Dakota State University.
- (2012) - African Economic Research Consortium (AERC) Internship Scholarship at Kenyan School of Monetary Studies. Nairobi, Kenya.
- (2010) –First Class Honors Award in Economics and Mathematics, University of Cape Coast

EXTRA-CURRICULAR

- Participant at Economics Department's Soccer Match & Picnic, Emory University *April 2019*
- Partake in a soccer match between Ghanaian students Vs Nigerian students in Brookings, South Dakota. *October 2017*
- Played a soccer match between West African Vs East African in Kenya. *September 2012*

REFERENCES

Juan Rubio Ramirez, Ph.D.

Professor

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