

GABRIEL APPAU ABEYIE

Cameron Hall 220, 601 S College Rd, Wilmington, NC 28403

Tel: (+1) 940-368-0576 ♦ Email: abeyieg@uncw.edu ♦ [Website](#) ♦ [Github](#)

APPOINTMENT

Assistant Professor of Economics

Aug 2025 - Present

University of North Carolina Wilmington

Cameron School of Business

Department of Economics & Finance

EDUCATION

University of Tennessee, Knoxville

Aug 2020 - May 2025

Doctor of Philosophy (Ph.D), Economics

University of North Texas, Denton

Aug 2018 - May 2020

Master of Science (MS), Economics

University of Ghana, Accra, Ghana

Aug 2013 - May 2017

Bachelor of Arts (BA), Economics & Statistics, Double Major

RESEARCH INTERESTS

- Macroeconomics
- Time Series Forecasting
- Machine Learning
- International Finance

RESEARCH

Job Market Paper

Identifying OPEC News Shocks: The Impact of OPEC Announcements Using Textual Data

[Working Paper](#)

Working Paper

Beyond News Headlines and TF-IDF: Enhancing Text-Based Forecasting Models with Validated Collocations and Improved Attention. (**Revise & Resubmit at *International Journal of Forecasting***)

[Working Paper](#)

Works In Progress

- Forecasting Crude Oil Price Returns: A Principal Weighted-Elastic Net (PW-EN) Approach (with Andrew Hanson)
- Welfare Implications of Bubble Dynamics (with Andrew Hanson)
- A Regularized Scaled-Sliced Inverse Regression (REGs-SIR) for High Dimensional Data
- The Role of Expert Opinion and Analysis in the Crude Oil Market

TEACHING

Independent Instructor

Aug 2022 - Dec 2022

University of Tennessee, *Principles of Macroeconomics* (4.1/5 Evaluation)

- Instructed a class of 100 undergraduate students.
- Developed course lectures, assignments, and quizzes.

- Graded assignments and held regular office hours.

Teaching Fellow (Independent Instructor)

Jan 2020 - May 2020

University of North Texas, *Principles of Macroeconomics* (4.6/5 Evaluation)

- Led a class of 47 undergraduate students.
- Created lecture materials, assignments, and assessments.
- Graded coursework and maintained regular office hours.

Teaching Fellow (Independent Instructor)

Aug 2019 - Dec 2019

University of North Texas, *Principles of Macroeconomics* (3.9/5 Evaluation)

- Taught a class of 48 undergraduate students.
- Prepared lecture content and evaluated student performance.
- Graded assignments and held regular office hours.

Graduate Teaching Assistant/Recitation Instructor

Jan 2020 - May 2020

University of North Texas, *Advanced Econometrics* (PhD coursework)

- Conducted tutorial sessions for first-year PhD students.
- Graded assignments and managed course grading.

Graduate Teaching Assistant/Recitation Instructor

Aug 2019 - Dec 2019

University of North Texas, *Mathematical Economics* (PhD coursework)

- Led tutorial sessions for first-year PhD students.
- Assisted with homework preparation and grading.
- Managed course grading records.

Graduate Teaching Assistant

Jan 2019 - May 2019

University of North Texas, *Public Economics*

- Assisted students with homework and exam preparation.

Graduate Teaching Assistant

Aug 2021 2019 - May 2023

University of Tennessee, Knoxville *Intermediate Macroeconomics*

- Assisted with homework preparation and grading.
- Managed course grading records.

Academic Assistant

Aug 2018 - July 2019

University of North Texas, *Principles of Microeconomics & Macroeconomics*

- Provided homework and exam assistance to students.
- Graded assignments and quizzes.
- Monitored exams and maintained grading records.

PRESENTATIONS

University of Tennessee, Knoxville., Economics Brown Bag Seminar Series

Fall 2021

Welfare Implications of Bubble Dynamics

Southern Econ. Assoc., 92nd Annual Conference, Fort Lauderdale, FL.

November 19-21, 2022

Welfare Implications of Bubble Dynamics

University of Tennessee, Knoxville., Economics Brown Bag Seminar Series

Fall 2023

Identifying Oil Supply News Shocks: The Impact of OPEC Announcements Using Textual Data

University of Tennessee, Knoxville., Economics Brown Bag Seminar Series

Fall 2024

Forecasting Crude Oil Price Returns: A Principal Weighted-Elastic Net (PW-EN) Approach

Southern Econ. Assoc., 94th Annual Conference, Washington, DC.

November 23-25, 2024

1. *Identifying OPEC News Shocks: The Impact of OPEC Announcements Using Textual Data*
2. *Beyond News Headlines and TF-IDF: Enhancing Text-Based Forecasting Models with Validated Collocations and Improved Attention.*

AWARDS AND SCHOLARSHIPS

Aaron Wuensch Memorial Scholarship for the Top Graduate Student Award	April 2019
University of North Texas, Department of Economics.	
J. Fred and Wilma Holly Fellowship	Aug 2020 - May 2025
University of Tennessee, Department of Economics.	
Texas Public Education Grant (TPEG)	Aug 2019
Division of International Affairs, University of North Texas.	
Toulouse Graduate Scholarship	Aug 2019
Toulouse Graduate School, University of North Texas.	
Mary D. Walsh Endowed Scholarship	April 2019
Toulouse Graduate School, University of North Texas.	
Toulouse Graduate Scholarship	Jan 2019
Toulouse Graduate School, University of North Texas.	

SKILLS

Programming Languages: Python, R, MATLAB, STATA

MEMBERSHIPS

- American Economic Association
- International Institute of Forecasters
- Southern Economic Association

REFERENCES

Andrew S. Hanson, PhD
Department of Economics
University of Tennessee, KN
ahanson8@utk.edu

Margie A. Tieslau, PhD
Department of Economics
University of North Texas, DN
Margie.Tieslau@unt.edu

Haileab Hilafu, PhD
Department of Bus. Anl./Stats
University of Tennessee, KN
hhilafu@utk.edu