

EDUCATION

Ph.D. Economics, University of Alabama (UA), Tuscaloosa, AL	2019
MA. Economics, University of Alabama (UA), Tuscaloosa, AL	2019
MSc. Economics, The University of the West Indies, Mona, Jamaica	2011
BSc. Economics & Statistics, The University of the West Indies, Mona, Jamaica	2009

FIELDS OF CONCENTRATION

(Applied) Time Series Econometrics, International Finance, Macro-Finance

PROFESSIONAL EXPERIENCES

Assistant Professor <i>Virginia Tech, Department of Agricultural and Applied Economics</i>	2019 – Present
Graduate Teaching Assistant <i>University of Alabama, Department of Economics, Finance and Legal Studies</i>	2014 – 2019
Economist <i>Bank of Jamaica, Kingston, Jamaica</i>	2012 - 2014

RESEARCH ACTIVITIES

Journal Articles:

- [1] Beverly, J., Stewart, S. L., & Neill, C. (2023). [The Dynamics of Labor Force Participation: Is All Quiet on the Appalachian Front?](#) *Empirical Economics*
- [2] Harrison, A., Liu, X., & Stewart, S. L. (2023). [Structural sources of oil market volatility and correlation dynamics.](#) *Energy Economics*, 121, 106658.
- [3] Stewart, S. L., Isengildina Massa, O., Hassman, C., & de Leon, M. (2023). [ETP tracking of US agricultural and energy markets.](#) *Journal of Commodity Markets*, 100344.
- [4] Wang, Y., Isengildina-Massa, O., & Stewart, S. (2022). [US grass-fed beef premiums.](#) *Agribusiness*.
- [5] Bian, Z., Ma, J., Ni, J., & Stewart, S. (2020). [Synchronization of regional growth dynamics in China.](#) *China Economic Review*, 61, 101226.

Revise and Resubmit:

- [6] Harrison, A., Liu, X., & Stewart, S. L. Is the Exchange Rate a Shock Absorber for Oil Market Fluctuations? A Generalized Structural Analysis – At *Journal of International Money & Finance (JIMF)* [Second Round]
- [7] Wang, Y., Isengildina-Massa, O., & Stewart, S. L. Time-Varying Reaction of U.S. Meat Demand to Animal Disease Outbreaks – At *Applied Economic Perspectives & Policy (AEPP)* [First Round]
- [8] “Determinants of Labor Force Participation Rate Comovements: The Curious Case of West Virginia” with J. Beverly and C.L. Neill – At *Economic Modelling* [First Round]

Papers Under Review:

- [9] “Futures-Based Forecasts of Cotton Prices: Beyond Historical Averages”, with A. Poghosyan and O. Isengildina Massa
- [10] “The Unemployment Invariance Hypothesis in West Virginia: A Tale of Two Indicators” with J. Beverly and C.L. Neill

Working Papers:

- [1] “Food & Oil Price Volatility Dynamics: Insights from a TVP-VAR-DCC-MIDAS Model” with O. Isengildina Massa
- [2] “Fluctuations in Special Drawing Rights: How important is US monetary policy?”
- [3] “Reserve Market Indicators and the Stability of the International Monetary Fund’s Special Drawing Rights”, with X. Liu

- [4] “Shift Contagion in a Time-Varying Probability Framework” with J. Ma
- [5] “Assessing the relationship between Up(Down)side Risk of Exchange rates and Economic Fundamentals” with X. Liu
- [6] “The Current Account Balance and GDP Growth in Developing Countries”, with A. Harrison
- [7] “Structural Volatility Impulse Response of the IMF’s Special Drawing Rights to Monetary Policy Shocks”
- [8] “Dynamics of exchange rate comovements among the G10 countries”

GRANT ACTIVITIES

Competitive:

- [1] Integrated Graduate Training in Commodity Markets: A Managed Fund Approach, 2021 – 2026
USDA – NIFA,
PIs: O. Isengildina Massa, **S. Stewart**
\$241,000
- [2] Unmanned Aerial System-based micro-nutrient spray applications in soybean for managing manganese deficiency 2023 – 2024
CALs Strategic Plan Advancement 2023 Integrated Internal Competitive Grants Program
PIs: V.Singh, M. Reiter, **S. Stewart**, J. McGhee
\$75,000
- [3] Standardization of Unmanned Aerial Systems-Based Herbicide Spray Applications in Watermelon 2023–2026
USDA-NIFA,
PIs: V.Singh, **S. Stewart**
\$324,833
- [4] John Lee Pratt Animal Nutrition Program 2020 – 2024
“Holistic evaluation of small grain silages as feed for dairy cattle”
CALs-VT
PIs: G. Ferreira; K. Payne, **S. Stewart**, W. Thomason \$225,000

Non-Competitive:

- [5] Market and Trade Impacts of Russia’s Invasion of Ukraine and Cross-Country Examination of GHG Emission Footprints Embodied in Agricultural Production and Trade 2022–2023
USDA/OCE/WAOB
PIs: J.Grant, X. He, **S. Stewart** \$300,000
- [6] Bridge Experience - Building Career Connections 2022 – 2024
Center for Excellence in Teaching and Learning–VT
PIs: M. Ellerbrock, D. Dalton, R. Musselman, O. Isengildina-Massa, C. Holmes, S. Chen, **S. Stewart**, M. Holt, K. White, N. Adams \$20,000
- [7] Faculty Curriculum Development Summer Funding Grant, 2021
Office of the Associate Dean, Academic Programs, CALs–VT \$2,000
- [8] Faculty Teaching Group Grant, 2020–2021
Center for Excellence in Teaching and Learning
PIs: A.F. Ramsey, R. White, **S. Stewart**, R. Wright, J. Lahne \$1,750
- [9] (Continuation) Enhancing the Quality, Communication, & Sustainability of the Commodity Outlook Program, 2020 – 2023
Economic Research Service, Department of Agriculture
PIs: O. Isengildina Massa, **S. Stewart** \$80,000
- [10] Enhancing the Quality, Communication, & Sustainability of the Commodity Outlook Program, 2020 – 2022
Economic Research Service, USDA
PIs: O. Isengildina Massa, **S. Stewart** \$50,000
- [11] Implications of COVID-19 for Agricultural Trade 2020 – 2021
Economic Research Service, USDA
PIs: J. Bovay, **S. Stewart**, J. Grant \$50,000

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| [12] Estimation of International Trade Elasticities,
Economic Research Service, USDA
PIs: J. G. Davis, C. Emlinger, J. Grant, S. Stewart | 2019 – 2021

\$350,000 |
| [13] New Faculty Mentoring Project Grant
Office of the Executive Vice President and Provost – VT
PIs: S. Stewart | 2019

\$1,500 |
| [14] Econometric Methods for Analyzing and Forecasting Commodity Prices and Volatility
USDA – NIFA HATCH Project
PIs: S. Stewart | 2020 – Present |

TEACHING ACTIVITIES

Virginia Tech

Analytical Methods in Applied Economics (Undergrad)	Spring 2021, 2022
Commodity Investing by Students	Fall 2019 – Present
Economics of the Food & Fiber System (Undergrad)	Spring 2020
Applied Economic Forecasting (Undergrad & Grad)	Spring 2020, 2021, 2022, 2023
Applied Economic Forecasting (Asynchronous – Grad)	Spring 2022, 2023

University of Alabama

Instructor

Business Finance (Undergrad)	Summer II 2015, Summer II 2016, Spring 2018
Principles Macroeconomics (Undergrad)	Fall 2017
Financial Analysis and Modeling (Undergrad)	Summer I 2017, Summer II 2017

Graduate Teaching Assistant

Business Finance (Undergrad)	Spring 2019
Time Series Econometrics (Ph.D.)	Fall 2018
Financial Econometrics (Undergrad & Grad)	Fall 2018
Econometrics (Ph.D.)	Spring 2017
Economics of Environment & Nat. Resources (Undergrad & Grad)	Spring 2017
Econometrics (Grad)	Fall 2016, Fall 2015
Economic Forecasting and Analysis (Grad)	Spring 2016
Int. Microeconomics (Undergrad)	Fall 2014, Spring 2015, Spring 2019

GRADUATE STUDENT ADVISING

Virginia Tech (*Denotes Chair/Co-Chair)

Ph.D. Committee Member

[1] Joshua Beverly*	[6] Konstantinos Syrengelas
[2] Yunus Emre Karagulle	[7] Yangchuan Wang*
[3] William McWilliams	[8] Jinyang Yang
[4] Armine Poghosyan	[9] Yixing Zheng
[5] Leonard-Allen Quaye*	

Master's Committee Member

[1] Normand Adams*	[8] Evan McKay
[2] Henry Adkins	[9] Jean Claude Mbarushimana
[3] Momotaj Begum	[10] Huong Nguyen
[4] Jayson Gill	[11] Kolby Parton
[5] Colburn Hassman*	[12] Gurkirat Singh* (Computer Science)
[6] Derrell Joppy II*	[13] Yangchuan Wang
[7] Katie McGroddy	[14] Issac Wu

HONORS AND AWARDS

Virginia Tech:

[1] CALS Certificate of Teaching Excellence (CTE) Scholar	2022
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University of Alabama:

- [1] Culverhouse Business School Award for Excellence in Teaching by a Doctoral Student 2018, 2019
- [2] Graduate Teaching Fellow 2018
- [3] Dep. of Economics, Finance, and Legal Studies Graduate Students Summer Research Grant 2018
- [4] Graduate Student Assistantship 2014 – 2019

University of the West Indies, Mona:

- [1] Thomas De La Rue plc Scholarship 2009 – 2011
- [2] MSc. in Economics Fellowship 2009
- [3] Student Research Assistant Grant 2009, 2011

PROFESSIONAL AND DEPARTMENT SERVICE

Virginia Tech

- Faculty Advisor, Commodity Investing by Students (COINS) 2019 – Present
- Member, AAEC IT Advisory Committee 2020 – Present
- Member, AAEC Undergraduate Program Advisory Committee 2019 – Present
- Member, CALS Team Award Selection Committee 2021
- Member, ALCE Assistant Professor of Adaptive/Organizational Leadership Search Committee 2021
- Member, AAEC Communications and Marketing Specialist Search Committee 2021 – 2022
- Member, Public Relations & Communications Search Committee, 2021

Referee

Economics Bulletin, Society for Nonlinear Dynamics and Econometrics (SNDE), Journal of Commodity Markets (JCOMM), Environmental and Resource Economics, Journal of Agricultural and Applied Economics (JAAE), Economic Modelling, Journal of Environmental Economics and Management (JEEM), Australian Journal of Agricultural and Resource Economics (AJARE), Environmental Research Letters (ERL)

OTHER INFORMATION

Computer Skills: R, STATA, SPSS, SAS, L^AT_EX, GAUSS, E-Views, MATLAB

REFERENCES

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