Curriculum Vitae

Terence D. Agbeyegbe

CURRENT POSITION:
Professor of Economics
Department of Economics
Hunter College, CUNY
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City University of New York, Graduate Center
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EDUCATION

B.A. Mathematical Economics, University of Essex, 1978
M.Sc. Statistics, University College, University of London, 1979
M.Sc. Economics, London School of Economics, University of London, 1980
Ph.D. Economics, University of Essex, 1983
Dissertation: "Topics in Continuous Time Econometrics," Advisor: A.R. Bergstrom

EMPLOYMENT

Professor of Economics, Hunter College and The Graduate Center CUNY, 1996 – current
Adjunct Professor of International and Public Affairs, Columbia University in the City of New York, 2011-2012.
Professor of Economics, Courtney Blackman Chair in Money and Banking,
University of the West Indies, Cave Hill, Barbados, 2006-2007
Associate Professor, Hunter College and the Graduate Center CUNY, 1990 – 1995
Member: Department of Economics, Hunter College, CUNY
Member: Department of Economics, Graduate Center CUNY
Member: Department of Earth and Environmental Sciences, Graduate Center, CUNY

Assistant Professor, Rutgers University, 1983 -1989
Teaching Assistant, University of Essex, 1982-1983

<u>Courses Taught</u>
Undergraduate level
Introduction to Macroeconomics, Introduction to Microeconomics,
Intermediate Macroeconomics, Intermediate Microeconomics, Corporate Finance,
Micro Policy Analysis (Investment Planning and Public Policy),
Mathematical Economics, Development Economics and Statistics for Economists,
Energy and the Environment./Environmental Economics

Graduate level
Applied Macro-econometrics, Econometrics I, Econometrics II, Development Economics, Energy and Environmental Economics, Financial Theory and Quantitative Finance, Finance Theory and Financial Engineering, Time Series and Forecasting, Treasury, Foreign Exchange and Trade Finance, Quantitative Methods in Finance.

Consulting/Visiting Positions
Board Member, Nob Hill Association, 2017-
Board Member, Auxiliary Enterprise Corporation, 2015-
UN ECLAC Expert, Port of Spain. 2006-2010
University of the West Indies, Cave Hill, Barbados, 2006-2007
UN ECA Expert, Addis Ababa, Ethiopia. 2002-2005
Visiting Scholar, IMF Institute, International Monetary Fund, 2002 (August)
Central Bank of Barbados, Research Department 2002 (July)
Fordham University, Graduate School of Business, New York, 1998/1999 (Summer session)
Statistics Department, Rutgers University, New Brunswick, New Jersey, 1995/96 (Summer session)
Visiting Scholar and Consultant, Indian Statistical Institute, New Delhi, India, 1994/1995 (Winter session)
UNDP Consultant, National Planning Commission, Federal Secretariat, Lagos, Nigeria, 1994 (Summer session)
Visiting Scholar, Institute of Social and Economic Research, University of the West Indies, Mona, Jamaica, 1993 (Summer session)
Senate Budget Chair, Hunter College, City University of New York, 1992.
Statistics Department, Rutgers University, New Brunswick, New Jersey, 1990 (Summer session)
Hunter College, City University of New York, 1989 (Fall session)

PUBLICATIONS
Articles
"Comparing Results From Unobserved Components Model and Hodrick Prescott Filter of Output-Gap in Barbados" <u>The Journal of Developing Areas</u> vol 56, no 3, (2022), pp 163–180.

"Modeling JSE Stock Returns Dynamics: GARCH versus Stochastic Volatility"

The Journal of Developing Areas vol 56, no 1, (2021), pp 175–191.

"The Link Between Output Growth and Output Growth volatility: Barbados "
Annals of Data Science (2021), https://doi.org/10.1007/s40745-021-00331-2

"Bayesian Analysis of Output Gap in Barbados "
Latin American Journal of Central Banking. (2020), **1(1-4)**:100020:1-14.

“Modeling US stock market volatility-retun dependence using conditional copula and quantile regression" in *The Economics of the Global Environment - Catastrophic Risks in Theory and Practice*, edited by Graciela Chichilnisky and Armon Rezai (2017), 597-621

" An inverted U-shaped crude oil price return-implied volatility relationship " Review of Financial Economics, volume 27, (2015), 28-45

"*Energy and Security in South Asia, Cooperation or Conflict?- By Charles K. Ebinger* " Natural Resources Forum, Volume 36.2, (2012), 142-143

"On the feasibility of a monetary union in the Southern Africa Development Community" International Journal of Finance and Economics, volume 13.2, (2008), 150-157

"Editor’s Introduction: Trade, Taxes an Economic Growth: The Case of Asia and Africa, Journal of Asian Economics, volume 17.2, (2006)

"Trade liberalization and tax revenue relationship in Sub-Saharan , joint with J. Stotsky and A. WoldenMariam, Journal of Asian Economics, volume 17.2, (2006)

“Real exchange rate volatility and the choice of regimes in emerging markets”, joint with Patrick Osakwe“ Journal of Asian Economics, volume 15, (2005): 1005-1022

“Estimation of threshold time series models using efficient jump MCMC”, joint with Elena Goldman, "*Bayesian Statistics and its Application*", edited by S.K. Upadhyay, U. Singh and Dipak Dey (2005) : 241-253

"Trade liberalization and tax revenue relationship in Sub-Saharan , joint with J. Stotsky and A. WoldenMariam, (2004), IMF Working Papers 04/178, International Monetary Fund

“The tail behavior of stock index return on the Jamaican Stock Exchange”,
joint with H. Leon. (2002), Working Paper, Central Bank of Barbados.

Book Review: External Linkages And Growth In Small Economies, edited by David L. McKee (Praeger: Conn. 1994), 1996, The Review of Black Political Economy

"The Stochastic Nature Of Inflation : Three Caribbean Examples," Problems and Challenges in Modeling and Forecasting Caribbean Economies, ed. H. Leon, S. Nicholls and P. Watson (U.W.I), (1996): 167-192

Book Review: Economics Of Natural Resources, The Environment and Policies by E. Kula (Chapman and Hall, London, 1994), vol. 19, No. 2, (1995): 166 - 67, Natural Resources Forum

"Some Stylized Facts About The Jamaica Stock Market," Social and Economic Studies, vol. 43, No. 4. (1994): 143-156

Book Review: Environmental Economics: An Elementary Introduction, by R. Kerry Turner, David Pearce and Ian Bateman (John Hopkins University Press, 1993), 1994, Natural Resources Forum

"The Stochastic Behavior Of Mineral-Commodity Prices," in P.C.B. Phillips, ed., Models, Methods and Application of Econometrics, Basil Blackwell, (1993): 339-353

"Approximation To The Covariance Matrix Of A Mixed-Data System," Continuous-time Econometrics:Theory and Applications, ed. G. Gandolfo, Chapman-Hall, (1993):81-92

"A Note On Deriving The Discrete Spectra Of Some Continuous-Time Processes," Statistical Papers, vol. 33, (1992), 371-378

"Common Stochastic Trends: Some Evidence From The London Metal Exchange," Bulletin of Economic Research, vol. 44, number 2 (1992): 141-151

"Identifiability In A Mixed-Sample System," Econometric Theory (Solutions section) (1990): 114-117

"The Estimation Of An Open Linear Non-Stationary First-Order Continuous-Time System With Mixed-Sample," in Vogt, W.G. and M. H. Mickle, eds, Modeling and Simulation, vol. 20, part 1, Instrument Society of America, North Carolina, (1989): 207-216

"On The Demand For Money In Nigeria," Atlantic Economic Journal. March, (1989): 88

"Identifiability In A Mixed-Sample System," Econometric Theory, (Problems section) (1989): 173

"Interest Rates And Metal Price Movements: Further Evidence," Journal of Environmental Economics and Management. (1989): 184-192

"An Exact Discrete Analog Of An Open Linear Non-Stationary First-Order Continuous-Time System With Mixed-Sample," Journal of Econometrics, (1988): 237-250

"An Exact Discrete Analog To A Continuous-Time System With Mixed-Sample," Econometric Theory, 3 (1987): 143-149

"The Exact Discrete Analog To A Continuous-Time Model With Mixed-Order System," Journal of Economic Dynamics and Control, 7 (1984): 363-375

Monographs

"Trade liberalization and tax revenue relationship in Sub-Saharan , joint with J. Stotsky and A. WoldenMariam, International Monetary Fund, Working Paper, WP/04/178, (2004)

Econometric Modelling of Issues in Caribbean Economics and Finance: Technical Papers Series, vols. 3 and 4, (Joint editorship with Professor Sang Kim), University of the West Indies Press. (1998)

Unpublished manuscripts

"Stock market volatility: The case of NSE," April 2022.
"Bayesian Analysis of Stay Over Tourist Arrivals in A Small Open Economy," March 2022.
"Inflation and Inflation Uncertainty in Nigeria," April 2021.
"Inflation and Inflation Uncertainty in the Caribbean," January 2021.
"Assessing the performance of core inflation measures- Jamaica: 2000-2017." July 2018
"Estimation of threshold time series models using efficient jump MCMC", joint with E. Goldman (2005).
"Non-linearity in interest rate data: Estimation of a threshold-CKLS model with ARMA_GARCH error", joint with E. Goldman (2004).
"How Uncertain are Median-Unbiased Estimators? Cross Country Evidence for Real Exchange Rates" joint with H. Leon, (in preparation 2004).
"The Exchange Rate Sensitivity of Tax Revenues", joint J. Stotsky and K. Shirono (in preparation 2003)
"Panel Data Evidence on Half-Lives of Real Effective Exchange Rates", (In preparation, 2003).
"The Effect of Overlapping Membership in Regional Integration Arrangements in Sub-Saharan Africa", joint with F. Fiore. (2002).
"Panel data evidence on inflation convergence in Sub-Saharan Africa", (In preparation, 2002).
"Target Estimators for Probit Models", (2002).
"The Uncertain Unit Root in Health Care and National Income", (In preparation, 2002).
"The Grid Bootstrap, Confidence Intervals and Autoregressive Models", 2001. Under revision.
"The Bootstrap, Target Estimators and Autoregressive Models", joint with J. Cabrera (2000).
"Mean Reversion and the Volatility of Interest rates: A Monte Carlo Study based on Different Sampling Frequencies" (Joint with T. Tanarugsachock), 2000 (Under revision)
"A Jump Diffusion Model for Interest Rate Derivatives," 1998
"A Regression Test of the Present Value Model of Stock Prices: Evidence from Nigeria," 1993
"A Regression Test of the Present Value Model of Gold Prices," 1994
"Silver Inflation and Agricultural Prices: Were the Silverites Right?", 1992
"Testing the Forward Unbiasedness Hypothesis: Evidence from the LME," 1992
"On the Unit Root Behavior of U.S. Agricultural Productivity," 1991
"Seasonal Unit Roots, Metal Price Movements and Inefficiency of London Metal Exchange," 1990

"More on Demand for Money in Nigeria," 1989
"Timing Ability, Collinearity and Portfolio Performance Tests" (with B. Parigi), 1989
"On The Dimensionality Of The Aliasing Problem In Models With Rational Spectral Densities Revisited," 1989
"A Sampling Experiment Of A Continuous-Time Model With Flow Data," 1987, Rutgers University Working Paper
"The Estimation Of A Closed Linear First-Order Continuous-Time System With Mixed-Sample," 1987, Rutgers University Working Paper
"Histogram Density Estimation From Time-Series Residuals," 1988

REFEREEING

Bulletin of Economic Research, Cambridge Journal of Economics, Economic Analysis and Policy, Economic Modelling, Economic Inquiry, Econometric Theory, International Review of Financial Analysis, Journal of African Economies, Journal of Business and Economic Statistics, Journal of Developing Areas, Journal of Development Economics, Journal of Environmental and Resource Economics, Financial Planning, Journal of Post-Keynesian Economics , The Review of Black Political Economy, Research in Economics, Resource and Energy Economics, Review of Development Economics, Social and Economic Studies, World Development, Basil Blackwell Publisher, Chapman-Hall Publisher, Wadsworth Publisher.

Editor:
Review Board, Financial Planning,, 2011 -
Technical Papers Series, University of the West Indies, 1998 – 1999.
Associate Editor: Evaluation Review 1991-1992.
Associate Editor: Journal of African Finance and Economic Development (1991- 2001)
Associate and Executive Editor: Journal of Asian Economics 1994 - 2007
Co-editor: New Economic Papers, Caribbean Series 2004-2005