

## DIAA NOURELDIN

### CONTACT INFORMATION

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### EDUCATION

- 2009-2011 D.Phil. in Economics, University of Oxford.  
*Thesis title: Essays on Multivariate Volatility and Dependence Models for Financial Time Series.*
- 2007-2009 M.Phil. in Economics (Distinction), University of Oxford.  
*Thesis title: Modelling Nonlinear Dependence in the Term Structure of Interest Rates: A Copula-Based Approach.*
- 2002-2005 M.A. in Economics (Distinction), American University in Cairo.  
*Thesis title: Inflation Targeting in the Case of Egypt: Theoretical and Empirical Considerations.*
- 1995-1999 B.A. in Economics (Honours), American University in Cairo.

### ACADEMIC WORK EXPERIENCE

- 2013-present *Assistant Professor*, Department of Economics, School of Business, American University in Cairo.
- 2018-2019 *Associate Dean for Graduate Studies and Research*, School of Business, American University in Cairo.
- 2011-2013 *Postdoctoral Research Fellow*, Department of Economics and Oxford-Man Institute of Quantitative Finance, University of Oxford.
- 2009-2011 *Department Teaching Associate*, Department of Economics, University of Oxford.
- 2002-2007 *Lecturer*, Department of Economics, American University in Cairo.

### PROFESSIONAL WORK EXPERIENCE

- 2017-present Board of Directors, The Egyptian Exchange.
- 2017-present Thematic Co-Leader, Macroeconomics theme, Economic Research Forum.
- 2016-present Senior Economic Advisor, Egyptian Center for Economic Studies.
- 2003-2005 Economist, Economic Research Forum.
- 2000-2002 Economic Analyst, Ministry of Economy and Foreign Trade, Egypt.

### PUBLISHED ARTICLES

- Volatility prediction using a high-frequency-based component model (2020). *Journal of Financial Econometrics* (accepted for publication/forthcoming).
- Inflation dynamics in Egypt: Structural determinants versus transitory shocks (2020). Joint with Nadine Abdelraouf and Hoda El-Abbadi. *Journal of Developing Areas* (accepted for publication/forthcoming).

- Optimal asset allocation and consumption rules for oil-based sovereign wealth funds (2020). Joint with Khouzeima Moutanabbir. *International Review of Economics and Finance*, Volume 69, pp. 708-730.
- Much ado about the Egyptian pound: Exchange rate misalignment and the path towards equilibrium (2018). *Middle East Review of Economics and Finance*, Volume 14, Issue 2, pp. 1-19.
- Multivariate rotated ARCH models (2014). Joint with Neil Shephard and Kevin Sheppard. *Journal of Econometrics*, Volume 179, pp. 16-30.
- Modelling time-varying dependence in the term structure of interest rates (2014). In K. Hadri and W. Mikhail (Eds.), *Econometric Methods and Their Applications in Finance, Macro and Related Fields*. World Scientific Publishing, pp. 51-80.
- Multivariate high-frequency-based volatility (HEAVY) models (2012). Joint with Neil Shephard and Kevin Sheppard. *Journal of Applied Econometrics*, Volume 27, pp. 907-933.
- Relative price adjustment and inflation dynamics: the case of Egypt (2009). In H. Kheir-El-Din (Ed.), *What Drives Prices in Egypt: An Analysis in Light of International Experience*, The American University in Cairo Press, pp. 205-242.

#### **WORKING PAPERS**

- Domestic Relative Price Variability and the Exchange Rate Regime: Evidence from a Large Panel of Countries (2020). Joint with Nadine Abdelraouf.
- Extreme yield movements and dynamic density forecasts for the term structure of interest rates (2019).

#### **JOURNAL REFEREEING**

Journal of Econometrics, Journal of Business and Economic Statistics, Journal of Applied Econometrics, Econometric Reviews, Journal of Financial Econometrics, Journal of Empirical Finance, International Journal of Forecasting, Journal of Futures Markets, Journal of Macroeconomics, Middle East Development Journal.

#### **ACADEMIC AND OTHER SERVICE**

- *Project Leader*: Partnership agreement between the Egyptian Center for Economic Studies and the UK government (Foreign & Commonwealth Office) to conduct economic research on the Egyptian economy.
- *Research Associate*: Economic Research Forum.
- *Principal Investigator*: Economic Research Forum project on “Sovereign Wealth Funds: Stabilization, Investment Strategies, and Lessons for the Arab Countries”.
- *University service at AUC*: Served as member of various committees/councils at the department, School of Business and University levels.
- *Conference Committee*: The 3<sup>rd</sup> Humboldt-Copenhagen conference on financial econometrics, Berlin, March 14-16, 2013.
- *Interviewer*: MSc in Financial Economics programme admissions 2011-2012 and 2012-2013, University of Oxford.

## PROFESSIONAL PROGRAMS

- Centre for Microdata Methods and Practice (CEMMAP) masterclass on “High-Dimensional Econometric Modelling”, 14-15 April, 2011, Institute for Fiscal Studies, UK.
- Royal Economic Society’s Easter School in Econometrics, Nuffield College, University of Oxford, April 2008. Discussion topic was model selection.
- Macroeconomic Policy and Management Program, Kennedy School of Government, Harvard University, summer 2002.

## HONOURS AND AWARDS

2017	Excellence in Teaching Award, School of Business, American University in Cairo.
2011-2013	Non-stipendiary fellowship, Nuffield College, University of Oxford.
2009-2011	Oxford-Man Institute of Quantitative Finance Scholarship, University of Oxford.
2009-2011	Department of Economics doctoral studentship award, University of Oxford.
2007-2008	Chevening scholarship, The British Council.
2002-2003	Graduate merit fellowship, American University in Cairo.

## CONFERENCE AND WORKSHOP ORGANIZATION

2017	Conference on “Arab oil exporters: Coping with a new global oil order,” Kuwait City, Kuwait, November 26-27, 2017.
2016	Workshop on “Sovereign wealth funds: stabilization, investment strategy and lessons for the Arab countries,” World Bank, Washington DC, September 9-10, 2016.

## RECENT CONFERENCES AND INVITED SEMINARS

2020	American Economic Association 2020 Annual Meeting (San Diego, US).
2019	Economic Research Forum 25 <sup>th</sup> annual conference (Kuwait City, Kuwait); Egyptian Center for Economic Studies (Cairo, Egypt); EcoMod 2019 annual conference (Azores, Portugal); Research Initiative on the Economics of the Middle East (RIEME) 4 <sup>th</sup> workshop (Heriot-Watt University, Edinburgh); Seventh Joint Research Workshop in Economics between the Faculty of Economics and Political Sciences, Cairo University and Paris 1 University (Cairo, Egypt).
2018	Economic Research Forum 24 <sup>th</sup> annual conference (Cairo, Egypt); Quantitative Finance and Financial Econometrics (Aix-Marseille School of Economics, France); EcoMod 2018 annual conference (Ca’ Foscari University of Venice, Italy); Research Initiative on the Economics of the Middle East (RIEME) 3 <sup>rd</sup> workshop (Universite Paris I - Sorbonne, France); Workshop of the regional network on climate-energy-economy modelling in the MENA region (Tunis, Tunisia).
2017	Economic Research Forum annual conference (Amman, Jordan); Conference on Arab oil exporters: Coping with a new global oil order (Kuwait).
2016	Conference on oil, the Middle East and the global economy (Institute for New Economic Thinking, University of Southern California), Workshop on sovereign

- wealth funds: stabilization, investment strategy and lessons for the Arab countries (World Bank, Washington, D.C.).
- 2015 Economic Research Forum conference on monetary and fiscal institutions in resource-rich Arab economies (Arab Fund for Economic and Social Development, Kuwait), Invited seminar (Centre de Recherche en Economie et Statistique - CREST, France), invited seminar (Department of Economics, Bilkent University, Turkey), and EcoMod 2015 annual conference (Boston College, U.S.).
- 2014 8<sup>th</sup> international conference on computational and financial econometrics - CFE (University of London, UK).
- 2013 Invited seminar at Center for Operations Research and Econometrics – CORE (Universite Catholique de Louvain, Belgium), Multivariate Time Series Modelling and Forecasting workshop (Monash University, Australia), and Department of Economics workshop (University of Oxford, UK).
- 2012 5<sup>th</sup> annual conference of the Society of Financial Econometrics (University of Oxford, UK), 4<sup>th</sup> Euro-African conference in finance and economics (American University in Cairo, Egypt), and Oxford-Man Institute (University of Oxford, UK).
- 2011 2<sup>nd</sup> Humboldt-Copenhagen conference on financial econometrics (University of Copenhagen, Denmark), 5<sup>th</sup> international conference on computational and financial econometrics - CFE (University of London, UK), and Oxford-Man Institute (University of Oxford, UK).