CURRICULUM VITAE
Elena Andreou

1. Professional address

Associate Professor
Department of Economics,
University of Cyprus,
P.O. Box 537, CY 1678,
Nicosia, Cyprus.
email: elena.andreou@ucy.ac.cy
Home page: http://www.econ.ucy.ac.cy/faculty/andreou/
Tel. +357 22 892449, Fax +357 22 892432.

2. Employment History

2008-present	Associate Professor, Department of Economics, University of Cyprus, Cyprus.
2002-2008	Assistant Professor, Department of Economics, University of Cyprus, Cyprus.
2005-2006	Visiting Assistant Professor, Econometric Institute, Erasmus University Rotterdam, The Netherlands and Visiting Scholar at the Statistical & Applied Mathematical Sciences Institute (SAMSI), Research Triangle Park, USA.
2002-2003	Marie Curie Individual Fellowship, Finance and Econometrics Groups, Tilburg University, The Netherlands.
2000-2002	Lecturer, Department of Economics, University of Cyprus, Cyprus.
1997-2000	Lecturer in Econometrics, School of Economic Studies, University of Manchester, U.K.

3. Education

B.Sc. in Economics, Queen Mary College, University of London, U.K., 1991.

MBA in Finance, School of Management, University of Nottingham, U.K., 1993.

Ph.D.. School of Economic Studies, University of Manchester, U.K., 1998. Ph.D. Thesis: "Essays in Modelling Speculative Prices: Non-linear Dependence, Distributional and Heterogeneity Aspects".
Supervisors: Prof. Denise R. Osborn (Univ. of Manchester), Prof. Aris Spanos (Virginia Tech.). Examiners: Prof. Paul Newbold (Univ. of Nottingham), Prof. Ian Garrett (Univ. of Manchester, School of Accounting and Finance).

4. Research Area

Econometrics with emphasis in time series analysis, volatility models, change-point tests, high-frequency financial data modelling, empirical asset pricing, risk management, residual-based specification tests, rank statistics, unit root tests, forecasting, business cycle models.

5. Research Publications, Papers under Review, Working papers and Work Progress.

Research Publications (refereed):

Andreou E. and B.J.M. Werker (2011) "An alternative asymptotic analysis of residual-based statistics", The Review of Economics and Statistics, forthcoming.

Andreou E., E. Ghysels and A. Kourtellos (2011), "Regression models with mixed sampling frequencies". Journal of Econometrics, in press.

Andreou E. and E. Ghysels (2008), "Quality control for structural credit risk models". Journal of Econometrics, 146, 2, 364-375.

Andreou E. (2008), "Restoring monotone power in the CUSUM test", Economics Letters, 98, 1, 48-58.

Andreou E. and E. Ghysels (2006), "Monitoring disruptions in financial markets", Journal of Econometrics, 135, 77-124.

Andreou E. and E. Ghysels (2006), "Sampling frequency and window length trade-offs in data-driven volatility estimation: Appraising the accuracy of asymptotic approximations", Advances in Econometrics, 20, 155-181.

Andreou E. and E. Ghysels (2004) "The impact of sampling frequency and volatility estimators on change-point tests", Journal of Financial Econometrics, 2, 290-318.

Andreou E. and E. Ghysels (2003), "Tests for breaks in the dynamic co-movements of asset returns", Statistica Sinica, 13, 1045-1074.

Andreou E. and A. Spanos (2003), "Statistical adequacy and the testing of trend versus difference stationarity", Econometric Reviews, 22, 3, 217-237 (lead article with contributed comments).

Andreou E. and E. Ghysels (2002), "Detecting multiple breaks in financial market volatility dynamics", Journal of Applied Econometrics, 17, 5, 579-600.

Andreou E. and E. Ghysels (2002), "Rolling volatility estimators: Some new theoretical, simulation and empirical results", Journal of Business and Economic Statistics, 20, 3, 363-376.

Andreou E., N. Pittis and A. Spanos (2001), "Modelling stock returns: The empirical literature", Journal of Economic Surveys, 15, 2, 187-220.

Andreou E., D.R. Osborn and M. Sensier (2000), "A comparison of the statistical properties of financial variables in the USA, UK and Germany over the business cycle", The Manchester School, 68, 4, 396-418.

Chapters (refereed):

Andreou E. and E. Ghysels (2009) "Structural breaks in financial time series". Under review by the Handbook of Financial Time Series, edited by T. Andersen, R.A. Davis, J.-P. Kreiss and T. Mikosch, Springer, ISBN: 978-3-540-71296-1.

Working and Submitted Papers:

Andreou E. and A. Savvides (2009), "Identifying the date and effects of liberalization in the financial markets of emerging economies".

Andreou E., A. Pelloni and M. Sensier (2009), "The effects of nominal monetary shocks on growth".

Andreou E., E. Ghysels and A. Kourtellos (2009), "Should macroeconomic forecasters use daily financial data?". UCY Working Paper. Presented at the *NBER Summer Institute Meetings*, Boston 2009.

Andreou E. and E. Ghysels "Quality control for financial risk management". Presented at the NBER Time Series Conference, University of Pennsylvania, 2002. Working Paper.

Andreou E. and E. Ghysels "When and how does price rigidity and liquidity affect the diffusion approximation for asset returns?" Presented at the Summer 2001 *NBER Workshop* on the 'Empirical Methods in Macroeconomics'. Working Paper.

Monographs:
Andreou E., A. Spanos and G. Syrichas (1997), The vector autoregressive approach for macroeconomic modelling, *Central Bank of Cyprus Research Publication*, Vol. I.

Andreou E., R. Desiano and M. Sensier (2001), "The behaviour of stock returns and interest rates over the business cycle in the US and UK" Applied Economics Letters, 8, 233-238.

6. Research Grants and Scholarships

Principal Investigator, European Research Council (ERC) Grant, 2008-2012. Granted by the European Union. Proposal title: *New Results on Structural Change tests: Theory and Applications.*

Principal research investigator, Leventis Research Grant, 2006-2009. Granted by the University of Cyprus. Research Proposal title: *Mixed Data Sampling Regression Models: Applications in Business Cycle, Growth and Structural Breaks.* Project partners: Yannis Billias, Andros Kourtellos.

Visiting scholar, SAMSI (Statistical and Applied Mathematical Sciences Institute), Fall 2006, Research Triangle Park, USA.

Principal research investigator, Small Scale Research Grant, 2004-2005. Granted by the University of Cyprus.

Marie Curie Individual Research Fellowship, 2002-2003. Granted by the European Union. Research proposal title: *Evaluating and Monitoring Financial Risk in the Presence of Economic Change and European Integration.* Hosting Institution: Tilburg University.

Project co-investigator (with Prof. M. Artis of European University Institute and Profs. D. R. Osborn and K. Blackburn of Manchester University), on a Levelhulme Trust U.K. funded research project entitled *International Growth and Business Cycles*, GC 752/PH--.

Project co-investigator (with Prof. D. R. Osborn, University of Manchester) on an ESRC U.K. funded research project entitled *Financial Variables and the Business Cycle,* R000222374.

Scholarship for MBA tuition fees 1992-1993, Leventis Foundation, Paris.

7. Invited Keynote Speaker in Conferences

10th IWH-CIREQ Macroeconometric Workshop: Recent Advances in Macroeconomic Forecasting, December 2009, Germany.

4th CIREQ Time Series conference, University of Montreal, May, 2010

8. Selected International Conference Presentations of my Research.

Fifth International Symposium on Nonlinear Dynamics and Econometrics, Wash. D.C.,1997.

European Econometrics Society Meetings (ESEM), Toulouse, 1997.

Sixth International Symposium on Nonlinear Dynamics and Econometrics, New York, 1998.

European Conferences of the Econometrics Community (EC-square), Stockholm, 1998.

European Econometrics Society Meetings (ESEM), Berlin, 1998.

North American Econometrics Society Meetings (NASM), Montreal, 1998.

European Econometric Society Meetings (ESEM), Santiago, 1999.

Money, Macro and Finance Meetings (MMF), London, 1999.

Centre for Growth and Business Cycle (CGBCR) Conference, Manchester, UK, 1999.

European Conferences of the Econometrics Community (EC-square), Dublin, 2000.

European Financial Management Association, Greece, 2000.

TMR Network conference on Savings and Pensions, Cyprus, 2001.

ASSET conference, Cyprus, 2002.

NBER/NSF Time Series Conference, Dallas, Sept. 2004.

Midwest Econometric Group Conference, University of Chicago, 2004.

EMF/JIMF conference, London, Dec., 2005.

NBER/NSF Time Series Conference, Heidelberg, Germany, Sept., 2005.

Breaks and Persistence in Econometrics, London, Dec., 2006.

European Conferences of the Econometrics Community (EC-square), Rotterdam, Dec., 2006.

European Econometric Society Meetings (ESEM), Milan, 2008.

NBER/NSF Time Series Conference, Aarhus, Denmark, Sept., 2008.

New York Federal Reserve Board presentation in Capital Markets Group, New York, April, 2009

NBER Summer Institute Meetings, Boston 2009

International Society of Computational Economics, Limassol, November 2009

10th IWH-CIREQ Macroeconometric Workshop: Recent Advances in Macroeconomic Forecasting, WTI, Germany, December 2009

9. Participation in Professional Activities, Promotion of Research and Referring
Academic Programme Committee member in the following conferences:

- Money, Macro, Finance (MMF) Conference 2010 (Member of the academic programme committee chaired by Prof. P. Demetriades).
- European Econometric Society Meeting (ESEM) 2008 conference (Member of the Econometrics and Empirical Economics (EEE) academic programme committee chaired Prof. T. Magnac).
- European Econometric Society Meeting (ESEM) 2007 conference (Member of the Econometrics and Empirical Economics (EEE) academic programme committee chaired by Prof. N. Shephard).
- University of Cyprus/Journal of Econometrics conference in the honor of Prof. Phoebus Dhrymes, 2007.
- European Econometric Society Meeting (ESEM) 2006 conference (Member of the Econometrics and Empirical Economics (EEE) academic programme committee chaired by Prof. O. Linton).
- ASSET 2002 conference (Programme committee member chaired by Prof. L. Christofides).

10. Referee for the following journals:
Econometric Theory, Economia, Journal of American Statistical Association, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Empirical Finance, Journal of Finance, Journal of Financial Econometrics, Journal of International Economics, Oxford Bulletin of Economics and Statistics, Studies in Nonlinear Dynamics and Econometrics, The Manchester School.
Membership in professional associations: American Economic Association, Econometric Society, European Economic Association.