CURRICULUM VITAE

Full Name: Adrian Rodney PAGAN

Current Positions:

Professor of Economics
School of Economics
University of Sydney
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Date and Place of Birth: 12 January 1947
Mungindi, Queensland, Australia

Marital Status: Married – 2 children

Academic Qualifications: B.Ec. (Hons, First Class), Queensland, 1968
Ph.D., Australian National University (A.N.U.), 1972

Ph.D. Thesis "A Study of Estimation Procedures for Time Series Models in Economics"

Honours Thesis "A Theory of Optimal Reserves and the Adequacy of International Liquidity in the Developing Countries"

Prizes and Honours:

Centenary Medal, 2003

Journal of Applied Econometrics Distinguished Author (2003)

Distinguished Fellow Award, Economic Society of Australia, 1999

Best Paper (with M Dungey), *Economic Record*, 2000.

Socio-Economic Systems Medal, Modelling and Simulation Society of Australia, 1997

Medallist Fellow, Modelling and Simulation Society of Australia, 1997

Fellow, Econometric Society, 1985
Fellow, Australian Academy of Social Sciences, 1986
Fellow, Journal of Econometrics, 1990
University Medal, University of Queensland
Brinds Prize in Economics
Esso Prize in Accounting
University of Queensland Scholarship

Editorial/ Service Activities (current):

Editorial Board, *Journal of Applied Econometrics*, 2001-
Associate Editor, *Econometric Reviews*, 1996–
Editorial Board, *Advances in Computational Economics*, Kluwer Academic Publishers, 1992–
Editorial Board, *Australian Economic Review* 1996–
Editorial Board, *Macroeconomic Dynamics* 1998–
Editorial Board, *Journal of Financial Econometrics* 1998–
Co-Editor, *Advanced Texts in Econometrics,* (Oxford University Press), 2002-
Advisory Board, *Centre for International Macroeconomics and Finance*, University of Cambridge
Advisory Board, *Centre for Macroeconomics*, University of Melbourne
Advisory Board, *Centre for Applied Macroeconomics*, Australian National University
Co-Chairman, National Centre for Econometric Research (NCER) (www.ncer.edu.au)

Editorial Activities (past):

Associate Editor, *Econometrica*, 1980–1985 and 2001-2004
Associate Editor, *Economics Bulletin*, 2001-2002
Editorial Board, *Economic Record* 1990–2003
Editorial Board, *Handbook of Applied Econometrics*, 1992–1995
Associate Editor, *Journal of Applied Econometrics*, 1994–2000
Editorial Board, *Journal of Financial Econometrics*, 2001-
Associate Editor, *Journal of Econometrics*, 1983–1985
Co-Editor, *Econometric Theory*, 1984–1989
Co-Editor, *Journal of Applied Econometrics*, 1985–1993
Co-Editor, *Themes in Modern Econometrics*, Cambridge University Press, 1994–2002

Experience:

1973 Visiting Research Fellow, Econometric Research Program, Princeton University.

1974–77 Lecturer/Senior Lecturer, Department of Statistics, A.N.U.

1977–78 Fellow, Centre for Operations Research and Econometrics.

1978–80 As for 1974–77.

1982 Visiting Professor, Institute of Advanced Studies, Vienna.

1980–83 Senior Research Fellow, Centre for Economic Policy Research, A.N.U.

1983–88 Senior Fellow, Joint Appointment in Department of Economics, R.S.S.S., and Department of Statistics, The Faculties, A.N.U.

1985 Visiting Professor, Yale University.

1986–90 Professor of Economics, University of Rochester.

1988 Visiting Professor, Monash University (July/August)

1989–90 Adjunct Professor, Australian National University.

1990–92 Wilson Professor of Economics, University of Rochester

1992–95 Professor of Economics, University of Rochester

1992– Professor of Economics, Institute of Advanced Studies, Australian National University

1996 Hinkley Visiting Professor of Economics, Johns Hopkins University

1997 Visiting Professor of Economics , University of California, Los Angeles

1996 -1999 Professorial Associate, University of Melbourne

1995-2000 Member, Reserve Bank of Australia Board

2000 – Richard Ely Visiting Professor, Johns Hopkins University

2000-2002 Professorial Fellow Nuffield College and Visiting Professor of Economics, Oxford University

2002- Professor of Economics, University of New South Wales

2003- Senior Research Fellow, Nuffield College, Oxford

2004 Visiting Professor of Economics, Johns Hopkins University

2002-2004 Professor of Economics, University of New South Wales

1992-2006 Professor of Economics, Australian National University

2007-2009 Professor of Economics, University of New South Wales

2005-2010 Professor of Economics, Queensland University of Technology

2010 Distinguished Research Professor, University of Technology Sydney

Publications:

Books

The Theory of Economic Policy: Statics and Dynamics (with A. J. Preston). Cambridge University Press, 1982.

The Effects of Inflation: Theoretical Investigations and Australian Evidence (ed. with P. K. Trivedi). Centre for Economic Policy Research, 1983.

Calibration Techniques and Econometrics, Journal of Applied Econometrics, 9S (1994), S1-S10, 159 pp.

Non-parametric Econometrics (with A Ullah), Cambridge University Press, 1999.

Articles

1968 "Optimal International Reserves: A Note", *Economic Journal*, 78 (1968), 962–963.

1973 "Efficient Estimation of Models with Composite Disturbance Terms", *Journal of Econometrics*, 1 (1973), 329–340.

1974 "A Generalized Approach to the Treatment of Autocorrelation", *Australian Economic Papers* (Dec. 1974), 267–280.

1975 "A Note on the Extraction of Components from Time Series", *Econometrica*, 43 (1975), 163–168.

"The Estimation and Use of Models with Moving Average Disturbance Terms: A Survey" (with D. F. Nicholls and R. D. Terrell), *International Economic Review*, 16 (1975), 113–134.

"Optimal Control of Econometric Models with Autocorrelated Disturbance Terms", *International Economic Review*, 16 (1975), 258–263.

1976 "Exact Maximum Likelihood Estimation of Regression Models with Finite Order Moving Average Errors" (with D. F. Nicholls), *Review of Economic Studies*, XLIII (1976), 383–387.

1977 "Specification of the Disturbance for Efficient Estimation — An Extended Analysis" (with D. F. Nicholls), *Econometrica*, 45 (1977), 211–217.

1978 "A Synthetic Approach to the Treatment of Models with Autocorrelated Disturbance Terms" (with R. P. Byron), in A. R. Bergstrom et al., *Stability and Inflation* (Wiley, 1978), 237–256.

"Polynomial and Rational Lags: The Finite Connection", *Journal of Econometrics*, 8 (1978), 247–254.

1979 "A Unified Approach to the Estimation of Models with Polynomial Distributed Lags" (with P. K. Trivedi), *Economic Studies Quarterly*, 30 (1979), 37–50.

"A Short-Run Econometric Model of the Japanese Wool Textile Industry" (with D. J. Carland), *Economic Record*, 55 (1979), 317–327.

"A Simple Test for Heteroscedasticity and Random Coefficient Variation" (with T. S. Breusch), *Econometrica*, 47 (1979), 1287–1294.

"Some Consequences of Viewing LIML as an Iterated Aitken Estimator", *Economics Letters* (1979), 369–372.

1980 “Some Identification and Estimation Results for Regression Models with Stochastically Varying Parameters”, *Journal of Econometrics*, 13 (1980), 341–363.

“The Lagrange Multiplier Test and Its Applications to Model Specification in Econometrics” (with T. S. Breusch), *Review of Economic Studies*, XLVII (1980), 239–253.

1981 “Comments on Forecasting Interest Rates Using the Survey Method and a Time Series Method”, in D. J. Juttner (ed.), *Interest Rates* (Longman Cheshire, 1981), 339–341.

“The Short Run Demand for Transactions Balances in Australia” (with P. Volker), *Economica*, 48 (1981), 391–395.

“LIML and Related Estimators of a Single Equation with Moving Average Disturbances”, *International Economic Review*, 22 (1981), 719–730.

1982 “Estimation and Control of Linear Econometric Models”, *L.H.S. Journal*, 6 (1982), 247–268.

Assessment of Australian Economic Forecasts, April 1982, September 1982, May 1983 (Australian Business Economists) (with P. K. Trivedi and T. J. Valentine).

1983 “Heteroscedasticity in Models with Lagged Dependent Variables” (with D. F. Nicholls), *Econometrica*, 51 (1983), 1233–1242.

“Diagnostic Tests as Residual Analysis” (with A. D. Hall), *Econometric Reviews*, 2 (1983), 159–218.

“The Effects of Inflation: A Review with Special Reference to Australia” (with P. K. Trivedi), in A. R. Pagan and P. K. Trivedi (eds.), *The Effects of Inflation: Theoretical Issues and Australian Evidence* (CEPR, 1983), 10–100.

“Inflation and Investment in Australia: An Historical Overview” (with M. R. Gray) in A. R. Pagan and P. K. Trivedi (eds.), *The Effects of Inflation: Theoretical Issues and Australian Evidence* (CEPR, 1983), 261–281.

“Inflation and the Consumption Ratio (with R. K. Anstie and M. R. Gray) in A. R. Pagan and P. K. Trivedi (eds.), *The Effects of Inflation: Theoretical Issues and Australian Evidence* (CEPR, 1983), 321–349.

“Assessing the Variability of Inflation” (with A. D. Hall and P. K. Trivedi), *Review of Economic Studies*, 50 (1983), 585–596.

“Sensitivity Analysis for ORANI-Type Models”, in *The Orani Trade Parameters* (Industries Assistance Commission), 51–62.

“Who's Afraid of Inflation?", *Economic Papers*, 2 (1983), 79–93.

1984 “Dynamic Specification” (with D. F. Hendry and J. D. Sargan), Ch. 18 of M. D. Intriligator and Z. Griliches, *Handbook of Econometrics* (North Holland, 1984), 1023–1100.

“Econometric Issues in the Analysis of Regressions with Generated Regressors”, *International Economic Review*, 25 (1984), 183–209.

“Estimating Predictions, Prediction Errors and Their Standard Deviations Using Constructed Variables” (with D. F. Nicholls), *Journal of Econometrics*, 24 (1984), 293–310.

“Model Evaluation by Variable Addition” in D. F. Hendry and K. F. Wallis (eds.), *Econometrics and Quantitative Economics* (Blackwell, Oxford, 1984).

1985 “Sensitivity Analysis for Linearlized Computable General Equilibrium Models” (with J. H. Shannon), in J. R. Piggott and J. Whalley (eds.), *New Developments in Applied General Equilibrium* (Cambridge University Press, 1985).

“What Will Take the Con Out of Econometrics?” (with M. McAleer and P. A. Volker), *American Economic Review*, 75 (1985), 293–307.

“Time Series Behaviour and Dynamic Specification”, *Oxford Bulletin of Economics and Statistics* (1985) 191–203.

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“The ET Interview: Professor E. J. Hannan”, *Econometric Theory*, 1 (1985), 263–289.

1986 “Two Stage and Related Estimators and Their Applications”, *Review of Economic Studies*, LIII (1986), 517–538.

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1987 “The End of the Long Boom”, in I. W. McLean and R. Maddock (eds.), *The Australian Economy Since 1900* (Cambridge University Press, 1987).

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1988 “The Econometric Analysis of Models with Risk Terms” (with A. Ullah), *Journal of Applied Econometrics*, 3 (1988), 87–105.

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“Comment on Poirier: Dogma or Doubt”, *Journal of Economic Perspectives*, 2 (1988), 153–158.

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1989 “On the Role of Simulation in the Statistical Evaluation of Econometric Models”, *Journal of Econometrics*, 40 (1989), 125–139.

“A Post Sample Prediction Test for Generalized Method of Moments Estimators” (with D. F. Hoffman), *Oxford Bulletin of Economics and Statistics*, 51 (1989), 333–343.

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“A Survey of Some Recent Econometric Methods” (with M. R. Wickens), *Economic Journal*, 99 (1989), 962–1025.

“Twenty Years After: Econometrics 1966-1986”, in B. Cornet and H. Tulkens (eds.), *Contributions to Operations Research and Econometrics: The XXth Anniversary of CORE* (MIT Press) (1989), 319–383.

1990 “Three Econometric Methodologies: A Critical Appraisal”, reprinted in C.W.J. Granger (ed.), *Modelling Economic Series: Readings in Econometric Methodology* (Oxford University Press), 97–120.

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1992 “Consistency Tests for Heteroskedastic and Risk Models” (with H. Sabau), *Estudios Economicos*, 13, 3–30}.

“On the Inconsistency of the MLE in Certain Heteroskedastic Regression Models” (with H. Sabau), *Estudios Economicos*, 12, 159–172.

“Testing for Heteroskedasticity" (with Y. Pak), in G.S. Maddala, C. R. Rao and H.D. Vinod (eds) *Handbook of Statistics* (John Wiley) Vol 11, 489-518.

1993 “Estimating Linear Quadratic Models with Integrated Processes” (with A. W. Gregory and G. W. Smith) om P.C.B. Phillips (ed.) *Models, Methods and Applications of Econometrics* (Blackwell).

“Exchange Rates: A Perspective”, in A. Blundell-Wignall(ed) *The Exchange Rate, International trade and the Balance of Payments*, Reserve Bank of Australia, Sydney, 316-323.

“Australian Stock Market Volatility, 1875-1987” (with P. Kearns) *Economic Record*, 69, 163-178.

1994 “Evaluating a Real Business Cycle Model” (with F. Canova and M. Finn) in C. Hargreaves (ed) *Non-Stationary Time Series Analysis and Co-Intergration* (Oxford University Press), 225-255.

“Three Econometric Methodologies: An Update” in L.T. Oxley, C.J. Roberts, D.A.R. George and S.T. Sayer (eds) *Surveys in Econometrics* (Basil Blackwell), 30-41.

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“The Econometrics of Calibrated Models” (with K. Kim), in M.H. Pesaran and M. Wickens (eds.) *Handbook of Applied Econometrics*., 356-390

“Resolving the Liquidity Effect” (with J. Robertson), in *Channels of Monetary Policy, Federal Reserve Bank of St. Louis Review, no. 3, 33-54.*

“Some Observations on the Solution, Estimation and Use of Modern Macroeconometric Models” in K.D. Hoover (ed), *Macroeconomics: Developments, Tension and Prospects* (Kluwer).

“Final Discussion” in *Productivity and Growth*, Reserve Bank of Australia, 326-330.

1996 “The Econometrics of Financial Markets”, *Journal of Empirical Finance, 3,* 15-102.

“Modelling the Term Structure”, (with V. Martin and A.D. Hall) in G.S. Maddala and C.R. Rao (eds) *Handbook of Statistics* Vol 14, 91-118

“Whatever Happened to Optimal Control of Econometric Models”. In L. Vlacic, T. Nguyen and D. Cecez-Kecmanovic, (eds) *Modelling and Control of National and Regional Economies 1995* (Pergamon Press for IFAC), 151-157.

1997

S. Hylleberg and A.R. Pagan, "Seasonal Integration and the Evolving Seasonals Model", *International Journal of Forecasting*, 13 (1997), 329-340.

A.R. Pagan"Towards an Understanding of Some Business Cycle Characteristics", *Australian Economic Review*, 30 (1997), 1-15.

A.R. Pagan, "Whatever Happened to Optimal Control of Econometric Models?", *Control Engineering Practice*, 5(1997), 527-533. (reprint)

P. Kearns and A.R. Pagan, "Estimating the Density Tail Index for Financial Time Series", *Review of Economics and Statistics*, 79 (1997), 171-175.

A. R. Pagan, “Policy, Theory and the Cycle”, O*xford Review of Economic Policy*, 13 (1997), 19-32

1998

A.R. Pagan, "On Calibration" in D.E.A. Giles and A. Ullah, *Handbook of Applied Economic Statistics*, Marcel Dekker, New York, 605-618.

A.R. Pagan and J. Robertson, “Structural Models of the Liquidity Effect”, (with J. Robertson), *Review of Economics and Statistics*, 80, 202-217.

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S. Levtchenkova, A.R. Pagan and J. Robertson “Shocking Stories”, *Journal of Economic Surveys, 12, 1998, 507-532.*

W. McKibbin, A.R.Pagan and J. Roberston, “Some Experiments in Constructing a Hybrid Model for Macroeconomic Analysis” *Carnegie-Rochester Series in Public Policy, 49*, 113-142,

1999:

A.R. Pagan, “The Tilburg Experiments: Impressions of a Drop Out”, J. R. Magnus and M. S. Morgan, (eds) *Methodology and Tacit Knowledge: Two Experiments in Econometrics (*John Wiley and Co, Chichester/New York), 369-374

“Some Uses of Simulation in Econometrics”. *Mathematics and Computers in Simulation*, 1616, 1-9.

D. Gruen, A, Pagan and C. Thompson, “The Phillips Curve in Australia” *Journal of Monetary Economics, 44*, 223-258.

2000

V.L. Martin and A.R. Pagan , “Simulation-Based Estimation of Some Factor Models in Econometrics”, in R. Mariano, T. Schuermann and M.J. Weeks (eds) *Simulation-Based Inference in Econometrics*, Cambridge University Press, 235-254.

A. Pagan “The Optimal Control Articles” and “The Walras-Bowley Paper” In R. Leeson (ed*) A.W.H. Phillips: Collected Works in Contemporary Perspective*, Cambridge University Press, 130-133 and 420-422.

A.R. Pagan and M.R. Veall , “Data Mining and the Econometrics Industry: Comments on the papers of Mayer and of Hoover and Perez”, *Journal of Economic Methodology*, 7:2, 211-216.

M. Dungey, V.L. Martin and A.R. Pagan "A Multivariate Latent Factor Decomposition of International Bond Yield Spreads*", Journal of Applied Econometrics*. 15, p 697-715

“A Structural VAR Model of the Australian Economy” (with Mardi Dungey) *Economic Record, 76, 321-342.*

“Knowing the Cycle” (with D. Harding) in R. Backhouse and A. Salanti, *Macroeconomics and the Real World* (Oxford University Press), Vol 1, 23- 41

2001

“The Getting of Macro-Economic Wisdom” in J. Dreze (ed) *Advances in Macroeconomic Theory, IEA Conference Volume 133,* (Palgrave, New York), 219-235.

“Do Markov-Switching Models Capture Nonlinearities in the Data? Tests Using Nonparametric Methods”, (with R. Breunig) in *MODSIM 2001: Proceedings of the International Congress on Modelling and Simulation,* Vol 3, 1445-1449.

2002

“Forecasting for Policy” (with John Robertson) in M.P. Clements and D.F. Hendry, (eds), *A Companion to Economic Forecasting.* Oxford: Blackwell..

“Dissecting the Cycle: A Methodological Investigation” (with D. Harding), *Journal of Monetary Economics, 49,* 365-381.

“Learning about Models and their Fit to Data”, *International Economic Journal*, 16, 2002, 1-18.

2003

A.R. Pagan, “Report on Modelling and Forecasting at the Bank of England”. *Bank of England Quarterly Bulletin,* Spring, 1-29

A.R. Pagan and Kirill Sossounov , “A Simple Framework for Analysing Bull and Bear Markets”, *Journal of Applied Econometrics*, 18, 23-46.

D. Harding and A. R. Pagan “A Comparison of Two Business Cycle Dating Methods” *Journal of Economic Dynamics and Control*, 27, 1681-1690

D. Harding and A. R. Pagan , “Rejoinder to James Hamilton”, *Journal of Economic Dynamics and Control*, 27, 1695-1698.

“Specification Testing of Markov Switching Models” with R. Breunig and S, Najarian, *Oxford Bulletin of Economics and Statistics,* 65, 703-725.

2004

S.G.B. Henry and A.R. Pagan , “The Econometrics of the New Keynesian Policy Model: Introduction”, in S.G.B. Henry and A.R. Pagan(eds) *The Econometrics of the New Keynesian Policy,* Supplement, *Oxford Bulletin of Economics and Statistics, 66,581-607.*

S.G.B. Henry and A.R. Pagan(eds) *The Econometrics of the New Keynesian Policy Model,* Supplement, *Oxford Bulletin of Economics and Statistics, 66, p 581-764*

J. Ohn, L.W. Taylor and A. Pagan "Testing for Duration Dependence in Economic Cycles", *Econometrics Journal*, 7, 528-549

R. Breunig and A. R. Pagan "Do Switching Models Capture Non-linearities in data? Tests Using Non-parametric Methods", *Mathematics and Computers in Simulation,* 64, 401-407.

2005

D. Harding and A,R. Pagan , "A Suggested Framework for Classifying the Modes of Cycle Research, *Journal of Applied Econometrics* , 20, 151-159.

A.R. Pagan "Addendum to report on Modelling and Forecasting at the Bank of England*", Bank of England Quarterly Bulletin,* Summer 2005, 190-193

J. Engel, D, Haugh and A. Pagan " Some Methods for Assessing the Need for Non-Linear Models in Business Cycles*", International Journal of Forecasting* 21, 651-662.

2006

D. Harding and A. R. Pagan "Synchronization of Cycles", *Journal of Econometrics,* 132, 59-79

2007

G. Kapetanios, A.R. Pagan and A. Scott "Making a Match: Combining Theory and Evidence in Policy-oriented Macroeconomic Modeling", *Journal of Econometrics,* 136, 505-594.

Martin Fukač and Adrian R. Pagan "Commentary on 'An Estimated DSGE Model for the United Kingdom" *Federal Reserve Bank of St Louis Review, Vol 89, #4,* 233-240

2008

D. Harding and A.R. Pagan "Business Cycle Measurement." in S.N. Durlauf and L.E. Blume (eds) *The New Palgrave Dictionary of Economics* (2nd Edition), Palgrave Macmillan (available at The New Palgrave Dictionary of Economics Online. (http://www.dictionaryofeconomics.com/article?id=pde2008_B000333> doi:10.1057/9780230226203.0179)

A.R. Pagan and M.H. Pesaran , "Econometric Analysis of Structural Systems with Permanent and Transitory Shocks", *Journal of Economic Dynamics and Control*, 32, 3376-3395.

A.R. Pagan "A.W. Phillips", *International Encyclopedia of the Social Sciences*

2009

M. Dungey and A. R Pagan, "Extending an SVAR Model of the Australian Economy", *Economic Record, 85, 1-20.*

A.R. Pagan, "Comments on 'Phillips Curve Inflation Forecasts' by J.H. Stock and M. W. Watson ", in J. Fuhrer, Y.K. Kodrzycki, J.S. Little and G. P. Olivei (eds) *Understanding Inflation and the Implications for Monetary Policy: A Phillips Curve Perspective* (MIT Press), 187-193

2010

M. Fukac and A.R. Pagan "Limited Information Estimation and Evaluation of DSGE Models*", Journal of Applied Econometrics, 25 ,55-70*

M. Fukacs and A. Pagan "Structural Macro-economic Modelling in a Policy Environment", D. Giles and A. Ullah (eds), *Handbook of Empirical Economics and Finance ,* Routledge

L. Catao and A. Pagan , "The Credit Channel and Monetary Transmission in Brazil and Chile: A Structured VAR Approach" L.F. Cespedes, R. Chang and D. Saravia (eds) *Monetary Policy Under Financial Turbulence* (Central Bank of Chile)

2011

D. Harding and A.R. Pagan, "An Econometric Analysis of Some Models of Constructed Binary Random Variables", *Journal of Business and Economic Statistics, 29,86-95.*

T. M. Christensen, A.S. Hurn and A.R. Pagan , "Detecting Common Dynamics in Transitory Components", *Journal of Time Series Econometrics, Vol 3/1, Paper 3.*

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Forthcoming Papers

L. Maccini and A.R. Pagan (2009), "Inventories, Fluctuations and the Business Cycle" *Macro-economic Dynamics*

Current Papers

D. Harding and A. R. Pagan (2010), "Can We Predict Recessions?", *6th Colloquium on Modern Tools for Business Cycle Analysis: The Lessons from Global Economic Crisis*, Eurostat, Luxembourg, September

A.R. Pagan, and T. Robinson (2011), "Assessing Some Models of the Impact of Financial Stress Upon Cycles in Economic Activity", Reserve Bank of Australia Discussion Paper

A . R. Pagan (2010). "Can Turkish Recessions Be Predicted?" presented to Koc University/Tusiad Conference (Istanbul, May 2010)

A.R. Pagan and M. Kulish (2011) " Estimation and Solution of Rational Expectations Models with Anticipated Structural Changes) (mimeo)

A.R. Pagan and M. Kulish (2011), "Methods for Resolving Price Puzzles" Given at *Conference in Honour of Hashem Pesaran*, Cambridge, July

D. Harding A.R. Pagan (2011) "Econometric Analysis and Prediction of Recurrent Events" *CREATES Distinguished Speaker Lecture*, University of Aarhus

Past Unpublished Papers:

"Alternative Estimators of ARMAX Models", Working Paper in Economics and Econometrics No. 4, Australian National University (1971).

"Estimation of an Evolving Seasonal Pattern as an Application of Stochastically Varying Parameter Regression", Econometric Research Program Research Memo No. 153, Princeton University, October 1973.

"Applications of Time Series Analysis to Econometrics" (paper presented at a C.S.I.R.O. Conference, Sydney, January 1975).

"Some Simple Tests for Non-Linear Time Series Models", Discussion Paper No. 7814, C.O.R.E., March 1978.

"A Further Test for Assessing the Stability of Regression Coefficients", Working Paper in Economics and Econometrics No. 016, A.N.U., November 1979.

"Reflections on Macro-Economic Modelling in Australia", Working Paper in Economics and Econometrics No. 48, A.N.U., September 1981.

"Inflation Today, Inflation Tomorrow and Inflation the Day After?", Discussion Paper No. 61, C.E.P.R., A.N.U.

"Straw-Man Econometrics" (with M. McAleer and P. A. Volker), Working Papers in Econometrics No. 097, A.N.U., February 1984.

"Model Evaluation by Differencing Transformations" (invited paper to E.S.R.C. Conference in Honour of Denis Sargan, Oxford, March 1984).

"Discussion of Dornbusch and Fischer's 'The Australian Macro Economy'", Discussion Paper No. B5, C.E.P.R., A.N.U., January 1985.

"Twin Deficits and the Australian Models: Comments on a Conference" Centre for Economic Policy Research Discussion Paper, Australian National University, August 1989.

"Econometric Issues in the Analysis of Equilibrium Models", (invited address to the Canadian Econometric Study Group, Quebec City, September 1991)

"Understanding the Failure of Some Instrumental Variable Estimators"(with J. Jung) June 1993.

"The Rise and Fall and Rise..... of the Business Cycle", (the Shann Lecture, September 1996)

"GMM and its Problems" (with J. Robertson, October 1997)

"Bull and Bears: A Tale of Two States" (The Walras-Bowley lecture, Summer Meetings of the North American Chapter of the Econometric Society, Montreal, June 1998)

"Extracting, Analysing and Using Cyclical Information", (with D. Harding) (paper presented to the CEPR/Banca d'Italia *Conference on Monitoring the Euro Area Business Cycle*, September 2001). An expanded version is available as three lectures given at the European University Institute in May 2002.

"Some Econometric Problems Arising from Regressions with Constructed State Variables", (with D. Harding) 2001

A.R. Pagan (2003), "Three Views of the Business Cycle and their Implications", (Lecture given at SMU)

M. Fukacs and A. R. Pagan (2006) "Issues in Adopting DSGE Models for Use in the Policy Process", *CAMA Discussion Paper 10/2006*, Australian National University.

M. Fukac, A.R. Pagan and V. Pavlov (2006), "Econometric Issues Arising from DSGE Models", paper presented to the Conference on Macroeconometrics and Model Uncertainty, Reserve Bank of New Zealand, June, Wellington

L. Catao, D. Laxton and A.R. Pagan (2007), " Monetary Transmission in an Emerging Targeter: The Case of Brazil", *IMF Working Paper No. 08/191*

P. Karam and A. R. Pagan (2008), “A Small Structural Monetary Policy Model for Small Open Economies with Debt Accumulation", *IMF Working Paper, 8/64*

Citation Information

Over 3000 citations in SSCI. Three papers have more than 500 citations.

Currently ranked #1 in Australia in the REPEC analysis of citations by academics in Australian universities.

Referee for Journals:

Econometrica, Journal of Econometrics, Econometric Theory, Journal of Macro-Economics, Journal of Political Economy, Economic Record, Australian Journal of Statistics, Canadian Journal of Economics, Economic Journal, Scandanavian Journal of Economics, Review of Economic Studies, American Economic Review, Journal of Monetary Economics etc.

Other Professional Activities:

Organizer of conferences on “The Effects of Inflation in Australia” (November 1981) and (with J. Piggott) “Numerical General Equilibrium Models: Their Policy Relevance” (August 1983).

Program Committee, World Econometric Congress, Boston, 1985, Toyko 1995, London 2005

N.S.F. National Super-Computer Allocations Subcommittee, 1987–1991.

Research Fellow, Centre for Economic Policy Research, London, 1983–1988.

Senior Research Associate, Center for Economic Research, University of Rochester.

Co-organizer Australian Post–Graduate Conference in Economics and Business, 1992, 1994, 1998.

Committee for Selection of Fellows of Econometric Society, 1988, 1990, 1993, 2003.

World Council, Econometric Society, 1995–2000, 2004-

Committee for World Council Nominations, 2008

Co-Organizer of the Open Economy Macroeconomics Conferences held at Reserve Bank of Australia, December 2007, 2008.

Member of committees to select the Ramsey Prize, Frisch Medal (twice), the Aigner Prize, the Distinguished Fellow award for Economic Society of Australia (3 times)

Courses Taught:

Theoretical and Applied Econometrics at graduate and advanced undergraduate level.

Applied Macroeconomics at advanced undergraduate level.

Special Topics in Econometrics — Anticipations; Control Theory; Distributed Lags; Time Series Analysis; Model Selection, Financial Econometrics, Non-Parametrics.

Graduate Econometrics sequence (ECO 483/484/485/517/518/519), University of Rochester, 1987/1988.

Graduate Econometrics UCLA, Spring 1997.

Lecture series on "Model Selection", University of Pennsylvania, Feb/March 1988.

Lecture series on "Non-Parametric Estimation", Monash University (1988), Johns Hopkins University (1996).

"The Econometrics of Business Cycles" European University Institute, May 2002

Advanced Econometrics and Business Cycles and Growth at UNSW 2002-2005

"Modelling Volatility" University of Navarra, Pamplona, May 2004

"Business Cycles" at International Monetary Fund, September 2004

"Econometric Methods for Business Cycle Analysis" (50th Anniversary of Econometric Institute, Rotterdam, June 2006). Also given as NCER lectures in May 2007.

"Topics in Applied Macroeconomics" Singapore Management University (November 2006)

"Techniques for Building Small-scale Macroeconometric Models", CIDE 2007 Summer School in Econometrics, Bertinoro, Italy (to be repeated at Goethe University, Frankfurt in May 2008)

"DSGE Models" given as Economic Society of NSW Lectures in February 2008. Also given as NCER lectures, QUT, September 2008 ;Reserve Bank of New Zealand, October 2008.; La Trobe University March 2009

"Model Design" Goethe University, Frankfurt May 2008

"VARs" IMF Institute (May 2011) and Ph.D. course at CREATES Aarhus University (June 2011)

"Business and Financial Cycles" Course at Budapest School for Central Bank Studies – Magyar Nemetzi Bank (September 2011)

International Conference Invitations:

Warwick Workshop on Macroeconomics, July 1981.

E.S.R.C. Conference in Honour of Denis Sargan, Oxford, March 1984.

Warwick Workshop on Macroeconometric Models, July 1985.

World Econometric Congress Symposium on “Econometric Methodology”, Boston, August 1985.

Keynote Speaker, Center for Operations Research and Econometrics 20th Anniversary Symposium, Belgium, January 1987.

Keynote Speaker, Symposium on Diagnostic Tests, Australian Economics Association Conference, Adelaide, July 1989.

Keynote Speaker, Symposium on New Developments in Econometrics, Econometric Society Meeting, Australasian Branch, Armidale, July 1989.

Conference Summarizer, “New Approaches to Empirical Research in Macroeconomics”, University of Aarhus, Denmark, May 1990.

Conference Summarizer, “Australian Savings Behaviour,” Centre for Economic Policy Research Conference, Canberra, Australia, June 1990.

Conference Summarizer. “The Treasury Macroeconometric Model” , Australian Treasury, June 1993.

Conference Summarizer, “Exchange Rates”, Reserve Bank of Australia, July 1993.

Conference Summarizer, “Productivity and Growth”, Reserve Bank of Australia, July 1995

Lecture Series on “Simultaneous Equations: Estimation and Inference”, C.I.D.E. Summer School in Econometrics, Ridracoli, June 1990.

Keynote Speaker, Financial Econometrics Symposium, European Econometric Society meetings, Uppsala, August 1993.

Lecture series, *“The Econometrics of Financial Markets”* in the Italian Summer Workshop in Econometrics, at C.I.D.E (June 1991);, Dept. of Accounting, U. Western Australia, March 1993, Swiss Doctoral Program, Studeinzentrum, Gerzensee (August 1993).

Lecture Series, “Structural VAR’s”, Scandinavian Doctoral Program, University of Aarhus, August 1994.

Keynote Speaker, IFAC Conference on Modelling and Control of National and Regional Economies, Gold Coast, July 1995

Keynote Speaker, “Calibration” Symposium, 7th World Econometrics Congress, Toyko, August 1995.

Keynote Speaker, MODSIM97, *International Congress on Modelling and Simulation,* Hobart, December 1997

Member of Commentator Panel at the conference, *The Past and Future of Policy Uses of Computable General Equilibrium Models*, Denmark, 1998

Discussant and Member of Commentator Panel at the conference, *The Limits to Forecasting Financial Time Series*, London School of Economics, June 1999.

Keynote Lecture, *International Economics Association Conference*, Buenos Aires, August 1999

Keynote Lecture, *New Economic School Annual Conference*, Moscow. November 2000

Invited Speaker, CEPR-Banca d'Italia Conference on *"Monitoring the Euro-Area Business Cycle*" (Rome, September 2001)

Invited Speaker, *Korean International Economic Association Conference*, October 2001.

Panellist, San Francisco Fed Annual Conference, San Francisco, March 2002

Keynote Lecture, *EC2 Conference*, Bologna, December 2002

Keynote Lecture*, African Econometrics Association*, Stellenbosch July 2003

Keynote Speaker, Turkish Economic Association, Ankara, September 2003

Keynote Lecture, International Forecasting Workshop, Madrid, December 2003.

Keynote Speaker, Canadian Econometric Study Group Meeting, Toronto, September 2004

Panel Discussion on DSGEs and Policy Modelling at conference, *Macroeconomics and Reality: 25years Later,* Barcelona April 2005

Keynote speaker Economic Society of Australia Annual Conference, Melbourne September 2005.

Keynote speaker, *Fifty Years of Econometrics*, Econometric Institute, Erasmus University, Rotterdam, June 9/10 2006

Keynote speaker, *The Future of Econometrics*, Econometric Institute, Erasmus University, Rotterdam, June 16 2006

Discussant Federal Reserve Bank of Boston Conference of Phillips Curve, June 2008

Conference in honour of Mike Wickens, June 2008, York University

Conference in honour of Rob Engle, San Diego, July 2008

Invited to give Klein lecture at United Nations LINK meetings and present at conference in honour of Svend Hylleberg in 2009 but illness prevented me attending both of these.

Conference in Honour of Hashem Pesaran (2011)

Seminars and Lectures, 2007/9

Johns Hopkins University, Georgetown University, Monash University, Deakin University, La Trobe University, University of Adelaide, University of Tasmania, University of Wollongong, Macquarie University

Research Grants

National Science Foundation 1988-1990 (around 100,000)

ARC 2002-3003 (around 60,000)

ARC 2004-2005 (around 60,000)

ESRC 2003-2006 (250,000 poounds)

Foundation Member of the ARC Financial Integrity Network

ARC Linkage Grant with ECRI, 2006, around 70000

Consultancies

On Econometric Models for the Commonwealth Treasury, Reserve Bank of New Zealand, New Zealand Treasury, Access Economics, the Bank of England, Bank of Norway, Bank of Italy and the Reserve Bank of Australia

Expert witness for market power cases, Gilbert and Tobin

Member, Retirement Incomes Modelling Task Force, Commonwealth Treasury