

Allan Donald Harding

POSTGRADUATE EDUCATION

2003 Ph.D. (Economics)	Yale University.
1985 MEd	Australian National University.
1983 Grad. Dip. (Economics)	Australian National University.

CURRENT ACADEMIC APPOINTMENT

Professorial Research Fellow, Centre of Policy Studies (CoPS), Victoria University.

PAST ACADEMIC APPOINTMENTS

Jan. 2008 – Jan. 2015.	Professor of Economics, La Trobe University.
Jan. 2013 – Jan. 2015.	Director Teaching and Learning, School of Economics, La Trobe University.
Jan. 2014 – Feb 2014	Acting Head of School, School of Economics, La Trobe University.
Jan. 2013 – Jan. 2015	Director of Undergraduate Programs, School of Economics, La Trobe University.
Jan. 2013 – Mar. 2013	Acting Head of School, School of Economics, La Trobe University.
Jan. 2010 – Jan. 2015	Director Politics, Philosophy and Economics Program, La Trobe University.
Jan 2008 – Dec 2011.	Director of Research, School of Economics and Finance, La Trobe University.
Jul. 2003 - Jan. 2008.	Senior Lecturer, Department of Economics, The University of Melbourne.
Aug. 1994 – Jul. 2003.	Senior Research Fellow and Director Centre for Business Cycle Analysis, Melbourne Institute, The University of Melbourne.

PAST POLICY-RELATED POSITIONS IN GOVERNMENT

Jan. 2009	Visiting Scholar, International Monetary Fund. Lead discussant for the World Economic Outlook.
Nov. 1992 – Aug. 1994	Director, Policy Research Unit, Commonwealth Treasury.
Jan. 1985 – Nov. 1992	Director, Industry Assistance Commission.
1983 – Jan. 1985	Assistant Director, Industry Assistance Commission.

OTHER POSITIONS

July 2003 – Present	Director and Consultant, Turning Point Research Pty. Ltd.
Prior to 1983 various positions in Industry Assistance Commission and Australian Bureau of Statistics while completing university studies.	

HONORARY POSITIONS

Jan. 2015 – present	Honorary Professor of Economics, La Trobe University.
2005 – 2011	Director, Macro-econometric Models and Methods program,

Centre for Applied Macroeconomic Analysis, CAMA 2005 to mid 2012.

ADVISORY BOARDS

1994-2003	Melbourne Institute Advisory Board.
1996-2003	Centre for Business Cycle Analysis Board.
2008-2015	School of Economics and Finance Advisory Board (La Trobe).
2008-2016	Australasian Macroeconomics Society

UNIVERSITY COMMITTEES

2010-2012	La Trobe University, Academic Promotions Committee.
2008-2009	La Trobe University, Higher Doctorates Committee.

PUBLICATIONS

A. Refereed Journals

1. Harding, D. and A.R. Pagan. "The Econometric Analysis of Some Models for Constructed Binary Time Series", *Journal of Business and Economic Statistics*, 2011, Vol 29, No1, pages, 86-95.
2. Harding, D., and J., Libich., Froth and Bubble: The Inconsistency of Paul Krugman's Macroeconomic Analysis, *Agenda*, Volume 17, Number 1, 2010, p83-88.
3. Harding, D., FuelWatch: Evidence-based-policy or policy based evidence?, *Economic Papers*, Vol. 27 No 4 December 2008, pp.101-114.
4. Harding, D. and A.R. Pagan, Synchronization of cycles, *Journal of Econometrics*, vol 132, No 1, 2006, pp59-79.
5. Harding, D. and A.R. Pagan, "A suggested framework for classifying the modes of cycle research", *Journal of Applied Econometrics*, (January 2005) vol 20, No. 2. pp 151-159.
6. Harding, D. and A.R. Pagan, Rejoinder to James Hamilton, *Journal of Economic Dynamics and Control*, 2003, vol 27, No 9, pp. 1695-1698.
7. Harding, D. and A.R. Pagan, A Comparison of Two Business Cycle Dating Methods, *Journal of Economic Dynamics and Control*, 2003, vol 27, No 9, pp. 1681-1690.
8. Harding, D. and A.R. Pagan, Dissecting the cycle: a methodological investigation, *Journal of Monetary Economics*, (49) 2, 2002, pp365-381.
9. Harding, D. Assessing the Adequacy of Measures of Australia's Price Competitiveness and Structural Change, *The Australian Economic Review*, 2001, no 4, pp 458-466.
10. Harding, D. and P.D. Kenyon, Theories of Franchising, *The Journal of Contemporary Issues in Business and Government*, Vol 5, No. 1, May 1999, pp. 54-64.
11. Harding, D. and M., Wooden Recruitment Practices in the Private Sector: Results From a National Survey of Employers., *Asia Pacific Journal of Human Resource Management*, vol 36, No 2, 1998, pp 73-87.
12. Harding, D., Comment on Public Policy and National Saving, 1996, *Agenda 3(1)*, pp 17-20.
13. Harding, D., Bringing savings to account, *New Economy*, Dryden Press, 1996, pp 241-244.

B. Book

The Econometric Analysis of Recurrent Events In Macroeconomics and Finance, Princeton University Press, (joint with A.R. Pagan), July 2016.

C. Chapters in books:

1. Harding, D., 2010. "Discussion of Global Relative Price Shocks: The Role of Macroeconomic Policies," RBA Annual Conference Volume, in: Renée Fry & Callum Jones & Christopher Kent (ed.), *Inflation in an Era of Relative Price Shocks* Reserve Bank of Australia.
2. Harding, D and A.R. Pagan (2008) Business cycle measurement, *The New Palgrave Dictionary of Economics*. Second Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan.
3. Harding, D. Non-parametric turning point detection, dating rules and the construction of the Euro-Zone chronology, in Gian Luigi Mazzi and Giovanni Savio eds. *Monographs of official statistics: Papers and proceedings of the third Eurostat colloquium on modern tools for business cycle analysis*, Eurostat, Luxembourg, 2004, pp122-146.
4. Harding, D. and A.R. Pagan, Knowing the Cycle, in, *Macroeconomics in the Real World*, Backhouse R. and A Salanti eds, Oxford University Press, 2000, pp 23-41.
5. Harding, D. International Capital Flows, Exchange Rates and Macroeconomic Policy in *Working with Peers for Financial Reforms in East Asia*, Foundation for Community-Building in the Asia-Pacific, Inc, 1999, pp37-49.

D. Book Review:

Harding, D. World Savings: An International Survey, A. Heertje (ed), *The Economic Record*, Vol 71 No 212, March 1995, pp 111-112.

E. POLICY RELATED PAPERS, REPORTS AND SUBMISSIONS TO GOVERNMENT

i) Policy related papers

1. Harding, D. and G.M. Harding. *Minimum wages in Australia: an analysis of the impact on small and medium sized businesses*, A report to the Department of Employment and Workplace Relations, March 2004, 171 pages.
2. Harding, D. *The Effect of Unfair Dismissal Laws on Small and Medium Sized Businesses*, Melbourne Institute, 2002, 39 pages.
3. Harding, D. Macroeconomic effects of Petrol Prices, *Mercer-Melbourne Institute Quarterly Bulletin of Economic Trends*, 1.01, March 2001, pp 21-28.
4. Harding, D. Spotlight on Exchange Rates, *Mercer-Melbourne Institute Quarterly Bulletin of Economic Trends*, 3.00, September 2000 pp 21-28.
5. Harding, D. Policy Watch: Employment Initiatives, (with J. Loundes) *Mercer-Melbourne Institute Quarterly Bulletin of Economic Trends*, 1.99, March 1999, pp 35 - 47.
6. Harding, D. A case for 'market friendly' reform of health care financing, *Mercer-Melbourne Institute Quarterly Bulletin of Economic Trends*, 2.99, June 1999, pp 52-73.
7. Harding, D. What Incentives does Job Network Create? *Mercer-Melbourne Institute Quarterly Bulletin of Economic Trends*, 4.98, December 1998, pp 40-46.

8. Harding, D. and P. Dawkins Developments in the Australian Labour Market: What chance 5% Unemployment Now?, *Mercer Melbourne Institute Quarterly Bulletin of Economic Trends* 1.97, March 1997, pp36-50.
9. Harding, D., P.D. Kenyon and M. Wooden. *Trends in Staff Selection and Recruitment, Results from Semi-Structured Interviews*, National Institute of Labour Studies Inc and Institute Of Applied Economic and Social Research, June 1996, 198 pages.
10. Harding, D., P.D. Kenyon and M. Wooden. Understanding the Hiring Process, in M. Wooden ed. *Trends in Staff Selection and Recruitment*. DEETYA 1996, pp 48-72.
11. Harding, D., P.D. Kenyon and M. Wooden. Recruitment and Selection in Australia, in M. Wooden ed. *Trends in Staff Selection and Recruitment*. DEETYA December 1996, pp 73-133.
12. Harding, D., and M. Wooden. Conclusions, in M. Wooden ed. *Trends in Staff Selection and Recruitment*. DEETYA 1996, pp134-141.
13. Harding D., P. Kenyon, R. Blandy and V. Ha New Zealand Unemployment Short and Long Run Perspectives, IAESR Working Paper 4/95, 32 pages, 1995.
14. Harding D., S. Goodridge and P. Lloyd The Long Term Growth in Unemployment, IAESR Working Paper 2/95, 13 pages, 1995.
15. Harding, D., P. Depta and F Ravalli. Extended Measures of Investment and Saving, Treasury Research Paper number 8, 1994, 32 pages.

ii) Submissions to parliamentary inquiries:

1. Harding, D. Submission to the Senate Economics Committee FuelWatch inquiry, Submission Number 4 to the Senate Inquiry into the National FuelWatch (Empowering Consumers) Bill 2008.
2. Harding, D., "FuelWatch: A Case study of econometric analysis and 'evidence-based-policy-making' in the Australian Government", Attachment A to Submission Number 4 to the Senate Inquiry into the National FuelWatch (Empowering Consumers) Bill 2008.
3. Harding, D., "FuelWatch Further Discussion of Econometric Analysis Undertaken by ACCC", Attachment B to Submission Number 4 to the Senate Inquiry into the National FuelWatch (Empowering Consumers) Bill 2008.
4. Harding, D., Supplementary evidence to the Senate Economics Committee on FuelWatch, Attachment C to Submission number 4 to Senate Inquiry into the National FuelWatch (Empowering Consumers) Bill 2008.

F. Recent Working Papers

1. Don Harding, 2014 The Econometric Analysis of Recurrent Events Identified by Algorithms.
2. Don Harding. How well do generalized categorical models predict recessions using financial data? Presented at ISF June 2012, Boston.
3. Don Harding, 2012. Understanding Business Cycles, October, 2012.
4. Don Harding, 2012. Changes of Sign of Sums of Elliptically Symmetric Random Variables, August 2012.

5. Don Harding, 2012. Evidence on multiple equilibria in the United States unemployment rate. February 2012.
6. Don Harding, An analysis of ERA, Mimeo, Presented to Australian Conference of Economists, June 2011.
7. Don Harding. Using Qual Vars to analyse the Turkish Business Cycle Presented at Koc University, Economic Research Forum and TUSIAD Conference on Leading Indicators in Emerging Economies, June 2011.
8. Don Harding. A comparison of two multivariate methods of turning point detection Presented at 31st ISF Forecasting Conference Prague, June 2011.
9. Don Harding & Adrian Pagan, 2010. "Can We Predict Recessions?," NCER Working Paper Series 69, National Centre for Econometric Research
10. Don Harding, 2010. "Applying Shape and Phase Restrictions in Generalized Dynamic Categorical Models of the Business Cycle," CAMA Working Papers 2010-25, Australian National University, Centre for Applied Macroeconomic Analysis.
11. Don Harding. Evaluating non parametric univariate and multivariate approaches to turning point detection and forecasting Presented at ISF2010, San Diego CA
12. Don Harding, 2008, Detecting and Forecasting Business Cycle Turning Points, 5th Eurostat Colloquium on Business Cycles, Luxembourg September 2008.
13. Don Harding and Siwage Negara. 2007. Exploring the role of permanent and transitory shocks in explaining the business cycle, RBA Workshop on Monetary Policy in Open Economies December 2007.

INVITED LECTURES

1. June 11-12 Tinbergen Lectures on The Econometric Analysis of Recurrent Events In macroeconomics and Finance.
2. Tinbergen workshop 13 June. The Econometric Analysis of Recurrent Events Identified by Algorithms.
3. Koc University, Economic Research Forum and TUSIAD Conference on Leading Indicators in Emerging Economies, June 2011.
4. 6th Eurostat Colloquium on Business Cycles, Luxembourg September 2010.
5. 4th Tinbergen Conference on *Crashes and systemic crises in financial markets: Implications for banks, investors and macroeconomic policy-makers*.
6. 5th Eurostat Colloquium on Business Cycles, Luxembourg September 2008.
7. 3rd Eurostat Colloquium on Business Cycles, Luxembourg September 2004.

INVITED DISCUSSIONS

1. Don Harding discussion of "Expectations-Driven Cycles in the Housing Market: Evidence from Survey Data" by Luisa Lambertini, Caterina Mendicino and Maria Teresa Punzi. Workshop on Macrodynamics, Sydney, 2012.
2. Don Harding discussion of Optimal Forecasts in the Presence of Structural Breaks By MH Peseran, A Pick and M Pranovich Discussion presented at 7th ECB Forecasting Workshop, May 2012

3. Don Harding discussion of "Mismatch shocks and the natural rate of unemployment during the Great Recession" by Francesco Furlanetto and Nicolas Groshenny New Zealand Econometric Study Group, February 2012.
4. Don Harding discussion of "Structural Cointegrated Models of US Consumption and Wealth" by Lance Fisher, Hyeon-seung Huh and Glenn Otto, Australasian Macroeconomics Workshop
5. Don Harding discussion of A Nonlinear Panel Data Model of Cross-sectional Dependence By George Kapetanios, James Mitchell and Yongcheol Shin Presented at 16th Australasian Macroeconomics Workshop, April 2011
6. Don Harding discussion of Identification of slowdowns and accelerations for the Euro area economy By Olivier Darne and Laurent Ferrara. Euro Area Business Cycle Network, Workshop, Frankfurt, March 2009.
7. Don Harding discussion of "On the Effects of Monetary Policy Shocks on Exchange Rates" by Michael Binder, Qianying Chen and Xuan Zhang Presented at Conference in Honour of Adrian Pagan, June 2009
8. Don Harding discussion of Variable GST/VAT: A tool for monetary policy By Iris Claus and Brandon Sloan Presented at Australian Macroeconomic Workshop 16 April 2009
9. Don Harding discussion of Nowcasting, Business Cycle Dating and the Identification of Policy Shocks using information Available in Real Time. By K Lee, N Olekalns and K Shields, presented at Australian Macroeconomic Workshop, March 2008

RECENT SEMINARS (2018)

1. New Methods for Solving Large Models With Rational Expectations, Victoria University, Melbourne, 05 April 2018.
2. New Methods for Solving Large Models With Rational Expectations, Paper 1: Basic Perturbation Methods, Max Planck Institute, Computational Methods in Systems and Control Theory Group, Magdeburg.

PRIZE

Thompson Scientific award for the highest average citation rate amongst Australian economic researchers for the period 1997-2007.

SCHOLARSHIPS AND GRANTS

New Methods for Solving Large Models with Rational Expectations, (with Peter Dixon), Australian Research Council Discovery Project DP180103807

Job Vacancies in Australia (with Jeff Borland, and Saul Eslake, Chief Economist ANZ), Australian Research Council Strategic Partnerships With Industry Grant Number LP0215949.

Measuring, Monitoring and Modelling the International Business Cycle and its Impact on Australia, Strategic Partnerships With Industry Grant No C79930704 (with Nigel Stapeldon, Peter Lloyd, Vance Martin and Peter Summers).

Unemployment: Economic Analysis and Policy Modelling Australian Research Council Strategic Partnerships With Industry Grant Number C00002131 (with Peter Dawkins, John Creedy, Peter Summers, Elizabeth Webster, Alan Duncan, Ken Oliver, John Freebairn).

Assessing Competing Business Cycle Theories in a Unified Framework, Australian Research Council Large Grant No A79802751 (with Adrian Pagan and Peter Summers).

The microeconomics of wage flexibility and price expectations in Australia, Australian Research Council Strategic Partnerships With Industry Grant No C79930705 (with Peter Dawkins, Jacqui Dwyer and Gordon de Brouwer).

Commonwealth Public Service Scholarship for Doctorate at Yale.

Commonwealth Public Service Scholarship for Masters Degree at ANU.

CONTRIBUTIONS TO TEACHING, LEARNING AND SUPERVISION

A. Undergraduate Teaching

First year Macroeconomics (La Trobe), Intermediate macroeconomics (Melbourne), Third year macroeconomics: Macroeconomic Analysis (La Trobe), Macroeconometrics (Hons. Melbourne), Modelling the Australian Economy (Hons. Melbourne), Public Policy and Its Impact (La Trobe).

B. Graduate Teaching

Advanced Macroeconometrics (Melbourne), Macroeconomics Theory (Melbourne), Modelling the Australian Economy (Melbourne)

C. Supervision

i) Honours Students

Roseanna Scutella; Ben Westmore; Jessica Trinder, Siling Ng; Shweta Khare; Allan Tran; Felix Marian; Elizabeth Keov; James Savage; Jack Mullamby; Hugh Green; Alex Philipatos; Keith Wise; Jessica Bartalotta; Clare Silverton.

ii) Masters Students

1. Amber Rabinov, *A Structural VAR Model of the Australian Economy*.
2. Yuwen Dai, Business Cycle Synchronization between Australia and the United States.

iii) Ph.D. Students

1. Siwage Dharma Negara, *Specifying, estimating and evaluating dynamic macroeconomic models for Australia*, 2008.
2. Kelly Maree Jarvis, *Job Vacancies in Australia*, 2008.
3. Rahadian Zulfadin, *SVAR Model of the Indonesian Economy*, 2015.
4. Rawisprapa Ruckphaopunt, *A SVAR Model of the Thai Economy*, 2015.
5. Anthony Rossiter, (Transferred to Monash PhD. December 2014)

D. Course Design

Bachelor of Politics, Philosophy and Economics (La Trobe)

Bachelor of Economics (La Trobe).

E. Subject Design

Intermediate Macroeconomics (Melbourne).

Third year macroeconomics (La Trobe).

Public Policy and its Impacts (La Trobe)

Advanced Macroeconometrics (Melbourne).

Modelling the Australian Economy (Melbourne).

F. Subject Redesign

Redesigned and refreshed all economics subjects at La Trobe in 2013.

SERVICE TO UNIVERSITIES

Prepared the business case for the School of Economics January 2014.

Member of the change team that advised the Dean regarding the restructure of the Faculty of Business Economics and Law, La Trobe University.

Member of the change team that advised the Dean on restructuring of the Faculty of Law and Management La Trobe University.

Coordinated Economics Finance and Banking submission for ERA, La Trobe University.

Vice Chancellor's representative on the La Trobe University Promotions Committee, 2009 – 2011.

SERVICE TO THE PROFESSION

A. Editorial

Associate Editor Economic Record, January 2015 - present

Joint Editor Mercer-Melbourne Institute, Bulletin of Economic Trends 1996 to 2003.

B. Referee

i) International Journals

American Economic Review, Journal of Econometrics, Journal of Applied Econometrics, Review of Economics and Statistics, Economic Journal, Journal of Economic Dynamics and Control, Bulletin of Indonesian Economic Studies, Bulletin of Economic Research, Canadian Journal of Economics, Econometric Reviews, Economic Inquiry, Empirical Economics, International Journal of Forecasting, Journal of Money Credit and Banking, Journal of Economics and Business, Journal of Macroeconomics, International Economic Review, Macroeconomic Dynamics, Economic Letters, Manchester School, Elsevier Books, Computational Statistics And Data Analysis, Oxford Bulletin of Economics and Statistics, Oxford Economic Papers, Singapore Economic Review, Economics Bulletin.

ii) Australian Journals

The Economic Record, Australian Economic Review, Australian Bulletin of Labour, Australian Economic papers, Agenda, Economic Papers.

FAMILY: Partner, 2 Children.

CITIZENSHIP: Australian.

Last revised 08 May 2018