

CURRICULUM VITAE

Full Name: Christopher William Murphy

Current Positions: Visiting Fellow, Crawford School of Public Policy, ANU
economic modelling consultant, sole trader

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Birth date: 19 November 1956, Melbourne Australia

Academic Qualifications: B.Ec. (Hons, First Class), University of Sydney
M.Ec., ANU

Research Interests: economy-wide modelling
macroeconomic policy
macroeconomic forecasting
public economics: tax policy; horizontal fiscal equalisation

Academic Awards: University Medal, University of Sydney, 1978
Economic Graduates' Association Prize for Economics Throughout the Course
Randolph G. Rouse Prize for Economics at Graduation
Commonwealth Bank Scholarship for Economics
Frank Albert Prize for General Proficiency in Third Year
Geoffrey Dale Prize
Donald George Crew Memorial Prize for Economics III
Economic Society of Australia and New Zealand (N.S.W. Branch) Prize
G.S. Caird Scholarship in Economics II (shared)
Frank Albert Prize for General Proficiency in Second Year
Economic Research Society's Prize
Frank Albert Prize for General Proficiency in First Year

Academic Positions Held:

2014-present	Visiting Fellow, Crawford School of Public Policy, ANU
1986-1991	Lecturer then Senior Lecturer, Department of Statistics (econometrics group), Economics and Commerce Faculty, ANU

Other Employment (economic modelling):

2017-present	economic modelling consultant (sole trader)
2013-2015	member, Queensland Ministerial Industry Commission
2011-2017	Director, Independent Economics (owner-manager)
2008-2011	Principal, KPMG Econtech
1994-2008	Director, Econtech (owner-manager)
1991-1994	Director, Access Economics
1983-1986	Senior Economist then Principal Economist (SES Level 1), Economic Assessments Branch, Office of the Economic Planning Advisory Council

1978-1983 range of positions in modelling, forecasting and budget policy, the Australian Treasury

Recent Public engagement:

Murphy, C.W. (2024), “Review of the Monetary and Fiscal Policy Responses to COVID”, forthcoming.

Murphy, C.W. (2023), [“Submission to the Independent Evaluation of the JobKeeper Payment”](#), submission 18, August.

Murphy, C.W. (2023), [“Budget Forum 2023: Inflation Forecast, Fiscal Policy and Personal Income Tax Rates”](#), Austaxpolicy: Tax and Transfer Policy Blog, 23 May 2023.

Review of Revenue Forecasting Methodologies and Processes for the NSW Treasury (November 2022 to March 2023)

Murphy, C.W. (2022), [“Budget Forum 2022: The Budget, Fiscal Policy and an Outbreak of Inflation”](#), Austaxpolicy: Tax and Transfer Policy Blog, 7 April 2022.

Macroeconomic modelling adviser to the Australian Treasury (2019-2021)

Macroeconomic modelling adviser to the Monetary Authority of Singapore (1998-ongoing)

Murphy, C.W. (2017), [“Review of the Economic Modelling Capability of the Treasury”](#), commissioned by the Australian Treasury.

Selected Published Consultancies:

Murphy, C.W. (2022), [“Macroeconomic Modelling at MAS”](#), Macroeconomic Review, Volume XXI, Issue 1, April, Monetary Authority of Singapore.

Murphy, C.W. with Bullen, J., Conigrave, B., Elderfield, A., Karmel, C., Lucas, L., Ruberl, H., Stoney, N. and Yao, H. (2021), [“The Treasury Macroeconometric Model of Australia: Modelling Approach”](#), Treasury Paper 2021-09, 3 September.

Murphy, C.W. (2007, 2011, 2021), “2021 Update of the GST Model of Malaysia”, commissioned by the Ministry of Finance, Malaysia.

Murphy, C.W. (2017), “Economic impacts of selected macroeconomic shocks”, commissioned by the Parliamentary Budget Office.

Murphy, C.W. and MAS staff (2017), [“Optimal Control in the Monetary Model of Singapore”](#), Macroeconomic Review, Volume XVI, Issue 1, April, Monetary Authority of Singapore.

Murphy, C.W. (2016), [“Modelling of the Proposed Cut to the Rate of Company Tax”](#), commissioned by the Australian Treasury.

Murphy C.W. and Prihardini D. (2015), [“Australia’s Comparative Advantage – Economic Scenarios”](#), commissioned by the Australian Council of Learned Academies.

Murphy C.W. and Prihardini D. (2014), [“Economic impact of selected macroeconomic shocks”](#), commissioned by the Parliamentary Budget Office.

Murphy, C.W. and MAS staff (2014), [“The Monetary Model of Singapore: a Technical Overview”](#), commissioned by the Monetary Authority of Singapore.

Murphy C.W. and Neill K. (2012), [“Horizontal Fiscal Equalisation: Modelling the welfare and efficiency effects”](#), commissioned by the SA Department of Treasury and Finance.

Murphy C.W., Neill K. and Yates J. (2010), [“CGE Analysis of the Current Australian Tax System”](#), commissioned by the Australian Treasury.

Murphy C.W. (2000b), [“A Guide to Econtech's Industry Model - Murphy Model 600 Plus \(MM600+\)”](#), Econtech mimeo, 8 July

Murphy C.W. (2000a), [“The Implications of a New Tax System \(ANTS\) - Modelled Using MM600+”](#), Econtech mimeo, May.

Murphy C.W. (1990), [“A Revised Version of the EPA Model of Australia”](#), commissioned by the Economic Planning Agency of Japan.

Books and Monographs:

Murphy, C.W. with Enzler, J.J., Ng, H.T., Phang, S.J. and Robinson, E. (2005), “Two Decades of Macromodelling at the MAS”, MAS Staff Paper No. 39, July.

Powell, A.A. and Murphy, C.W. (1997), *Inside a Modern Macroeconomic Model — A Guide to the Murphy Model*, second ed., Springer, Berlin, 455 pp.

Murphy, C.W., Bright, I.A., Brooker, R.J., Geeves, W.D. and Taplin, B.K. (1986), “A Macroeconometric Model of the Australian Economy for Medium-term Policy Analysis”, *Office of the Economic Planning Advisory Council Technical Paper*, No. 2, Canberra, 178 pp.

Chapters in Books:

Murphy, C.W. (1999), “Payroll Tax: Is it as good as a VAT or as bad as Sales Tax?” in Neil. A. Warren (ed.), *State Taxation: Repeal, Reform or Resignation*, Australian Tax Research Foundation, 1999, pp 67-105.

Murphy, C.W. (1992), “The Steady State Properties of a Macroeconometric Model” in C. Hargreaves (ed.), *Macroeconometric Modelling of the Long Run*, Edward Elgar, London, 159-205.

Murphy, C.W. (1991), “Saving Policy Issues Examined with a Macroeconometric Model”, in P.J. Stemp (ed.), *Saving and Policy and Growth*, Canberra, 103-126.

Murphy, C.W. and Challen, D.W. (1987), “Some Applications of the AMPS Model”, in Jia-Pei Wu and Shou-Yi Zhang (eds), *The Role of Economic Modelling in National Economic Management*, Institute of Quantitative and Technical Economics, Beijing (in Chinese), 158-172.

Journal Articles:

Murphy, C.W. (2023), [“Fiscal Policy in the COVID-19 Era”](#), *Economic Papers*, 42:2, June, 107–152.

Murphy, C.W. (2020), [“Decisions in Designing an Australian Macroeconomic Model”](#), *Economic Record*, 96, 252-270.

Murphy, C.W. (2018), [“Modelling Australian corporate tax reforms”](#), *Australian Tax Forum*, 33:1, 5-49.

Murphy, C.W. (2017), [“GST and how to tax Australian banking”](#), *Australian GST Journal*, 17, 84-105.

Murphy, C.W. and Neill, K. (2013), “The economic impacts of business taxation with special reference to the mining industry”, *Tax Policy Journal*, 8, 29-36.

Yates, J. and Murphy, C.W. (2006), “A cost-benefit analysis of weight management strategies”, *Asia Pacific Journal of Clinical Nutrition*, 15, 74-79.

Murphy, C.W. (1997), ‘Optimal Control of a National Economic Model’, *Control Engineering Practice*, 5:4, 535-548.

Smith, J. and Murphy, C.W. (1994), “Macroeconomic Fluctuations in the Australian Economy”, *The Economic Record*, 70, 133-148.

Murphy, C.W. (1991, 1992), “The Macroeconomic Outlook”, *Australian Economic Review*, 2'91, 4'91, 2'92, 4'92.

Murphy, C.W. (1989), “The Budget Strategy & Foreign Debt”, *Australian Economic Review*, 4'89, 32-51.

Murphy, C.W. (1988a), “An Overview of the Murphy Model”, in Burns, M.E. and Murphy, C.W. (eds), *Macroeconomic Modelling in Australia*, *Australian Economic Papers*, 27:Supp., 175-199.

Murphy, C.W. (1988b), “Rational Expectations in Financial Markets and the Murphy Model”, in Burns, M.E. and Murphy, C.W. (eds), *Macroeconomic Modelling in Australia*, *Australian Economic Papers*, 27:Supp., 61-88.

Murphy, C.W. (1986), “Exchange Rate Policy and the AMPS Model”, in Nguyen, D.T. and Gregory, R.G. (eds), Exchange Rates and the Economy, *Economic Record*, Supp., 41-54.

Working Papers:

Murphy, C.W. (2022), [“Fiscal Policy in the COVID-19 era”](#), ANU Centre for Applied Macroeconomic Analysis Working Paper, 27/2022.

Murphy, C.W. (2018c), [“Australia's high company tax rate and dividend imputation: a poor recipe for a small open economy”](#), ANU Tax and Transfer Policy Institute Working Paper, 9/2018.

Murphy, C.W. (2018b) [“Optimal fiscal equalisation and its application to Australia: updated”](#), ANU Working Papers in Trade and Development, 2018/13.

Murphy, C.W. (2018a), [“Modelling Australian corporate tax reforms: updated for the recent US corporate tax changes”](#), ANU Tax and Transfer Policy Institute Working Paper, 2/2018.

Murphy, C.W. (2017a) [“Optimal fiscal equalisation and its application to Australia”](#), ANU Working Papers in Trade and Development, 2017/12.

Murphy, C.W. (2017b), [“Modelling Australian corporate tax reforms”](#), ANU Tax and Transfer Policy Institute Working Paper, 8/2017.

Murphy, C.W. (2016a), [“The effects on consumer welfare of a corporate tax cut”](#), ANU Working Papers in Trade and Development, 2016/10.

Murphy, C.W. (2016b), [“Efficiency of the tax system: a marginal excess burden analysis”](#), ANU Tax and Transfer Policy Institute Working Paper, 4/2016.

Recent Conference and Seminar Papers and Presentations:

Murphy, C.W. (2022), “Fiscal Policy in the COVID-19 era”, Reserve Bank of Australia seminar, 9 May.

Murphy, C.W. (2021), [“Fiscal Policy in the COVID-19 era”](#), ANU Arndt-Corden Department of Economics seminar paper, 26 October.

Murphy, C.W. (2018a), “A Dynamic mini-CGETAX Model”, presentation to the 2018 Australian Conference of Economists”, 10-13 July, Canberra.

Murphy, C.W. (2018b), “Issues in Designing an Australian Macroeconomic Model”, presentation to the Macroeconomic Modelling and Forecasting Workshop, University of Tasmania, 6-7 December.

Murphy, C.W. (2017a), “How to tax a banking oligopoly”, ANU Arndt-Corden Department of Economics seminar paper, 18 July.

Murphy, C.W. (2017b), “Efficiency of the tax system: a marginal excess burden analysis (update)”, presentation to the 2017 Australian Conference of Economists, 19-21 July, Sydney.

Murphy, C.W. (2017c), “Modelling corporate tax reforms”, paper presented to conference on “What Shall We Do With Company Tax?”, ANU Tax and Transfer Policy Institute, 24-25 July.

Murphy, C.W. (2017d), “Fiscal equalisation of Australian states and territories: policy options and welfare maximisation (update)”, paper presented to Workshop on “Federal Relations and Tax Reform”, University of Adelaide, 28-29 August.

Murphy, C.W. (2016a), “Improving the Efficiency of the Australian Tax System: a model-based analysis”, ANU Tax and Transfer Institute seminar presentation, 23 February.

Murphy, C.W. (2016b), “Company tax cut: Budget modelling and post-Budget reflections”, ANU Arndt-Corden Department of Economics seminar paper, 10 May.

Stewart, M., Murphy, C.W. and Ingles, D. (2016), “The economics, incidence and modelling of corporate tax reform”, presentation to Roundtable on Corporate Tax Reform”, ANU Tax and Transfer Policy Institute, 15 March.

Murphy, C.W. and Prihardini, D. (2013), “Policy analysis and forecasting with a new macro-econometric model of Australia”, Reserve Bank of Australia seminar, 17 September.