

Maureen T. Rimmer
Curriculum Vitae
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Dr Rimmer trained as a scientist and mathematician and completed a B. Sc. (Hons 1) in 1972 and a Ph. D. in mathematics in 1978 at La Trobe University. From the mid 1970s to 1990 she: had a family (3 boys); studied economics completing a B. Ec. at La Trobe in 1987 and an M. Com. at Melbourne in 1990; and worked full-time as a tutor/lecturer in the Departments of Mathematics and Economics at La Trobe.

In 1990 she was appointed as a Research Fellow at the IMPACT Project (then located at the University of Melbourne and now part of the Centre of Policy Studies at Monash University). IMPACT is a research unit devoted to economic modelling. Among other things, it has created the ORANI and MONASH models and the GEMPACK software.

Dr. Rimmer's initial responsibilities at IMPACT were in the area of econometric estimation. Subsequently she has worked in model creation and simulation. She played a leading role in the development and application of MONASH, a dynamic successor to ORANI. In 1996 she was promoted to Senior Research Fellow.

In the last three years Dr Rimmer has been a key contributor in the development, application and documentation of MONASH-USA, a 500-industry dynamic model of the US Economy. She has performed a similar role in the creation of a 50 State regional extension of MONASH-USA.

Dr Rimmer is the author and co-author of about 25 articles in mathematics and economics journals. She is the co-author of numerous consultancy reports from the Centre of Policy Studies. In 2002 she co-authored a monograph on the MONASH model published in the North Holland's Contributions to Economic Analysis.

Publications

Books

with P.B. Dixon, *Dynamic General Equilibrium Modelling for Forecasting and Policy: a Practical Guide and Documentation of MONASH*, Contributions to Economic Analysis 256, North-Holland Publishing Company, 2002, pp.xiv+338.

Refereed articles

"Isomorphisms between skew polynomial rings", *The Journal of the Australian Mathematical Society*, Vol. 25, series A, part 3, 1978, pp. 314-321.

with K.R. Pearson, "Nilpotents and units in skew polynomial rings over commutative rings", *The Journal of the Australian Mathematical Society*, Vol. 28, series A, 1979, pp. 423-426.

"Skew polynomial rings and skew power series rings", *Bulletin of the Australian Mathematical society*, Vol. 21(1), 1980, pp. 149-150.

- with Ewan Michael, "Eliminating railway deficits", *Journal of Transport Economics and Policy*, January 1991, pp. 63-79.
- "Primary factor substitution and real wage explosions", *Australian Economic Papers*, Vol. 30, December 1991, pp. 316-333.
- with P.M. Sgro, "Trade Patterns, unemployment and growth", *The Journal of International trade and economic development*, Vol. 3(3), November 1994, pp. 229-248.
- with P.B. Dixon, "Macro and Sectoral Implications of Tax Increases with Differing Distributional Impacts", *Australian Economic Review*, 1st Quarter, 1995, pp. 111-117.
- with Alan A. Powell, "An implicitly additive demand system", *Applied Economics*, Vol. 28, 1996, pp. 1613-1622.
- with P.B. Dixon, "MONASH Forecasts of Output and Employment for Australian Industries: 1994-95 to 2002-03", *Australian Bulletin of Labour*, 22(4), December 1996, pp. 235-264.
- with P.B. Dixon, "The Government's Tax Package: Further Analysis based on the MONASH Model", Appendix VI (pp. 173-247) in *Senate Select Committee on a New Tax System, First Report*, Parliament of the Commonwealth of Australia, Canberra, February 1999.
- with P.B. Dixon, "The Government's Tax Package: Short Run Implications for Employment by Industry, Region, Occupation, Age and Gender", Appendix 4 (31 pages) in *Report of the Inquiry into the GST and a New Tax System*, Senate Employment, Workplace Relations, Small Business and Education References Committee, Parliament House, Canberra, March 1999.
- with P.B. Dixon and J. Menon, "Changes in technology and preferences: a general equilibrium explanation of rapid growth in trade", *Australian Economic Papers*, Vol. 39(1), March 2000, pp. 33 – 55.
- with P.B. Dixon and B.R. Parmenter, "Forecasting and Policy Analysis with a Dynamic CGE Model of Australia", pp. 363 – 405 in G.W. Harrison, S.E. Hougaard Jensen, L.H. Pedersen and T.F. Rutherford (eds.), *Using Dynamic General Equilibrium Models for Policy Analysis*, North Holland Publishing Company, 2000.
- with P.B. Dixon, "Changes in Indirect Taxes in Australia: A Dynamic General Equilibrium Analysis", *Australian Economic Review*, Vol. 32(4) December 1999, pp. 327 – 348.
- with P.D. Adams, P.B. Dixon, D. McDonald and G.A. Meagher, "Employment in Australia: Occupations, Threats and Opportunities", *Australian Bulletin of Labour*, 25(4), December 1999 pp. 283-305.
- with P.B. Dixon, "Company taxes, Depreciation allowances and Capital gains taxes: some effects of Ralph", Appendix C (18 pages) in *Senate Finance and Public Administration References Committee, Inquiry into Business Taxation Reform*, Parliament of the Commonwealth of Australia, Canberra, November 1999.
- with P.B. Dixon, "The Government/Democrats' package of changes in indirect taxes", *The Australian Journal of Agricultural and Resource Economics*, 44(1), March 2000, pp. 147-157.
- with P.D. Adams, P.B. Dixon and D. McDonald, "The Exchange Rate Puzzle and Forecasts for the Australian Economy from 2000-01 to 2004-05", *Australian Bulletin of Labour*, 26(4),

December 2000, pp. 257- 278. Also published in an abridged form as “The Exchange Rate Puzzle”, *Econchat*, Department of Economics, University of Melbourne, No. 15, February, 2001, pp. 4-10.

with P.B. Dixon, “A wage-tax policy to increase employment”, *Australian Economic Review*, 34(1), March 2001, pp. 64 – 80.

with P.D. Adams and P.B. Dixon, “The September 11 shock to Tourism and the Australian Economy from 2001-02 to 2003-04”, *Australian Bulletin of Labour*, 27(4), December 2001, pp. 241 - 257.

with P. B. Dixon and B.R. Parmenter, “CGE models for practical policy analysis: the Australian experience”, pp. 56 – 82 in A. Fossati and W. Wiegard (editors) *Policy Evaluation with Computable General Equilibrium Models*, Routledge, 2001 .

with P. B. Dixon and Mark. R. Picton, “Efficiency effects of inter-government financial transfers in Australia”, *The Australian Economic Review*, 35(3), September, 2002, pp.304-315.

with P. B. Dixon, “A new specification of labour supply in the MONASH model with an illustrative application”, *The Australian Economic Review*, Vol. 36(1), March 2003, pp. 22-40.

with P. B. Dixon, “Measuring contributions to the Australian economy: the benefits of a fast growing motor vehicle and parts industry”, *Economic Papers*, forthcoming 2004, pp. 14.

with P. B. Dixon, “Explaining a dynamic CGE simulation with a trade-focused back-of-the-envelope analysis: the effects of eCommerce on Australia”, in Jayasuriya, Sisira (ed.), *Trade Theory and Analytical Models: Papers in Honour of Professor Peter Lloyd*, Volume 1, Edward Elgar, U.K, (forthcoming).

with P. B. Dixon and Mark. R. Picton, “Payroll taxes: thresholds, firm sizes, dead-weight losses and Commonwealth Grants Commission funding”, *Economic Record*, forthcoming, 2004.