

NIVEN WINCHESTER

CURRICULUM VITAE

Joint Program on the Science and Policy of Global Change
Massachusetts Institute of Technology
77 Massachusetts Ave, E19-411L
Cambridge, MA 02139, USA

Telephone: + 1 617 253 6958

Email: niven@mit.edu

Citizenship: New Zealand, Australia, United Kingdom

Home page: <http://www.business.otago.ac.nz/econ/staff/winchester.html>

ACADEMIC APPOINTMENTS

Research Scientist, Joint Program on the Science and Policy of Global Change, Massachusetts Institute of Technology, 2011-

Visiting Scientist, Joint Program on the Science and Policy of Global Change, Massachusetts Institute of Technology, 2009-2011

Senior Lecturer, Department of Economics, University of Otago, 2008-

Lecturer, Department of Economics, University of Otago, 2002-2007

EDUCATION

Ph.D, Economics, University of Nottingham, 2002

Advisors: David Greenaway & Geoffrey Reed

Dissertation title: Trade, technology and rising wage inequality: A computable general equilibrium analysis

M.Ec, Economics, Australian National University, 1997

B.Com (Hons I), Economics, University of Otago, 1996

RESEARCH INTERESTS

International trade, environmental economics, computable general equilibrium modelling, sports economics

SABBATICAL VISITATIONS

University of Nottingham (2007), University of Colorado at Boulder (2007), New Zealand Ministry of Foreign Affairs and Trade (2007)

AWARDS

University of Otago School of Business Dean's Emerging Researcher Scholarship, 2007

University of Otago School of Business Emerging Researcher Award, 2007

RESEARCH GRANTS

EU Seventh Framework Programme, co-investigator, 2009-2011 (€2.4 million)

New Zealand Foundation for Research, Science and Technology, co-investigator, 2009-2011 (\$804,017)

University of Otago Research Grant, principal investigator, 2004 (\$19,650)

University of Otago School of Business Research Grant, principal investigator, 2004 (\$4,760)

PUBLICATIONS & PAPERS [Excellence in Research for Australia rating]

Journal Articles

1. Winchester, N. and R. Stefani (2013), "An innovative approach to National Football League standings using bonus points," *Applied Economics*, 45(1), 123-134. (Available online: 14 September, 2011. DOI: 10.1080/00036846.2011.595694) [A]
2. Winchester, N. (2012), "The impact of border carbon adjustments under alternative producer responses," *American Journal of Agricultural Economics*, forthcoming. (Available online: 18 October, 2011. DOI: 10.1093/ajae/aar113) [A*]
3. Zaks, D.P.M., N. Winchester, C.J. Kucharik, C.C. Barford, S. Paltsev, and J.M. Reilly (2011), "Contribution of anaerobic digesters to emissions mitigation under US climate policy," *Environmental Science and Technology*, 45(16), 6735-6742. [A*]
4. Winchester, N., S. Paltsev and J.M. Reilly (2011), "Will border carbon adjustments work?" *The B.E. Journal of Economic Analysis & Policy*, 11(1) (Topics), Article 7. [A]
5. Duval, D.T. and N. Winchester (2011), "Cost-sharing in air service provision," *Journal of Air Law and Commerce*, 76, 77-96. [A]
6. Gavard, C., N. Winchester, H.D. Jacoby and S. Paltsev (2011), "What to expect from sectoral trading: A US-China example," *Climate Change Economics*, 2(1), 9-26. [Unrated, new journal]
7. Lenten, L.J.A. and N. Winchester (2010), "Optimal bonus points in the Australian Football League," *Economic Papers*, 29(4), 407-420. [B]
8. Ballingall, J. and N. Winchester (2010), "Food miles: Starving the poor?" *World Economy*, 33(10), 1201-1217. [A]
9. Charteris, G. and N. Winchester (2010), "Dairy disaggregation and joint production in an economy-wide model," *Australian Journal of Agricultural and Resource Economics*, 54(4), 491-507. [A]
10. Winchester, N., S. Paltsev, J. Morris and J.M. Reilly (2010), "Costs of mitigating climate change in the United States," *Annual Review of Resource Economics*, 2, 257-273. [Unrated, new journal]
11. Winchester, N. (2009), "Is there a dirty little secret? NTBs and the gains from trade," *Journal of Policy Modeling*, 31(6), 819-834. [B]
12. Winchester, N. (2008), "Searching for the smoking gun: Did trade hurt unskilled workers?" *Economic Record*, 84, 141-156. [A]
13. Winchester, N. (2008), "Shifting the 'goal posts': Optimizing the allocation of competition points for sporting contests," *Journal of Quantitative Analysis in Sports*, 4, Article 1. [C]
14. Winchester, N. and D. Greenaway (2007), "Rising wage inequality and capital-skill complementarity," *Journal of Policy Modeling*, 29(1), 41-54. [B]
15. Winchester, N. (2006), "A classroom tariff setting game," *Journal of Economic Education*, 37(4), 431-441. [B]
16. Winchester, N., D. Greenaway and G.V. Reed (2006), "Skill classification and the effect of trade on wage inequality," *Review of World Economics/Weltwirtschaftliches Archiv*, 142(2), 287-306. [B]
17. Winchester, N. (2006), "Liberating Middle Earth: How will changes in the global trading system affect New Zealand?" *New Zealand Economic Papers*, 40(1), 45-79. [B]

Book Chapters

18. Winchester, N. (2012), "Optimal Super Rugby bonus points revisited," In L.J.A. Lenten (ed.), *Economics of Sports Leagues: An International Perspective*, Edward-Elgar: Northampton, forthcoming.
19. Winchester, N. (2008), "Trade and rising wage inequality: What can we learn from a decade of computable general equilibrium analysis?" In: D. Greenaway, R. Upward and P. Wright (eds), *Globalisation and Labour and Market Adjustment*, Palgrave Macmillan, Basingstoke, pp. 54-72.
20. Richardson, M. and N. Winchester (2008), "More (or less) on necessarily welfare-enhancing free trade areas," In N. Van Long, M. Tawada and B. Tran-Nam Atax (eds), *Globalization and Emerging Issues in Trade Theory and Policy, Frontiers of Economics and Globalization*, Volume 5, Emerald: Bingley, pp. 121-138.
21. Winchester N. and M. Richardson (2005), "ANZUS free trade agreements: Results from a global model," In S. Jayasuriya (ed.), *Trade Policy Reforms: Papers in Honour of Professor Peter Lloyd, Volume 1*, Edward Elgar: Northampton, pp. 153-179.

Book Review

22. Winchester, N. (2012), "C. Davidson and S.J. Matusz, International Trade with Equilibrium Unemployment," *Australian Economic History Review*, forthcoming. [A]

Working Papers and other Completed Papers (not published elsewhere)

23. Winchester, N., C. Wollersheim, R. Clewlow, N.C. Jost, S. Paltsev, J.M. Reilly and I.A. Waitz (2010), "The impact of climate policy on US aviation," MIT Joint Program on the Science and Policy of Global Change, Report 198, Cambridge, MA.
24. Paltsev, S., H.D. Jacoby, J.M. Reilly, Q.J. Ejaz, F. O'Sullivan, J. Morris, S. Rausch, N. Winchester and O. Kragha (2010), "The future of US natural gas production, use and trade," Report 186, MIT Joint Program on the Science and Policy of Global Change, Cambridge, MA.

Non-Technical Articles

25. Winchester, N. (2007), "Rugger Me! Is it time to shift the goal posts?" *EcoNZ@Otago*, 19, August, 7-9.
26. Winchester, N. (2007), "Food miles: Mistruths and misconceptions," *University of Otago Magazine*, 18, October, 15.
27. Winchester, N. (2007), "Kilometres and kiwifruit: Evaluating the food miles debate," *EcoNZ@Otago*, 18, February, 1-3.
28. Winchester, N. (2006), "Don't let the sun go down on trade negotiations!" *EcoNZ@Otago*, 17, 8-10.
29. Winchester, N. (2005), "Liberating Middle Earth: Trade liberalisation and New Zealand," *EcoNZ@Otago*, 14, February, 7-9.
30. Winchester, N. (2004), "What's up with the Kiwi Dollar?" *University of Otago Magazine*, June, 17.
31. Winchester, N. (2004), "Lessons for trade liberalisation from the death of Lee Kyung Hae," *EcoNZ@Otago*, 12, February, 1-3.

REFEREEING

Australian Economic Papers, China Economic Review, Climate Change Economics, Climate Policy, Economic Record, Journal of Business and Economic Studies, Journal of International Economics, New Zealand Economic Papers, Review of International Economics, World Economy

CONFERENCE ACTIVITIES

Invited Conference Presentations

XXXI MIT Global Change Forum: Confronting Domestic and Global Climate Strategies, Université Catholique de Louvain, Brussels, October 20-22, 2010

Electricity Policy Research Group (University of Cambridge) & Center for Energy and Environmental Policy (Massachusetts Institute of Technology) Joint Annual Conference, Berlin, July 15-16, 2010

“Expert Workshop on Non-Tariff Measures in Agri-Food Trade,” OECD, Paris, September 12-14, 2007

Other Conference Presentations

Agricultural and Applied Economics Association Annual Meeting, Pittsburgh, PA, 2011.

Allied Social Science Associations Annual Meeting, Denver, CO, 2011

Conference on Global Economic Analysis (Lübeck, 2005; Addis Ababa, 2006; West Lafayette, IN, 2007; Helsinki, 2008; Penang, 2010; Venice, 2011)

The Institute of Mathematics and its Applications, 2nd International Conference in Mathematics in Sport, Groningen, 2009

Australasian Trade Workshop (Dunedin, 2006, 2007, 2008 & 2009; Adelaide, 2011)

Fall 2005 Meeting of the Midwest International Economics Group, Lawrence, KS, 2005

EcoMod 2004: International Conference on Policy Modeling, Paris, 2004

New Zealand Association of Economists Annual Conference (Auckland, 2003; Wellington, 2008)

INVITED SEMINAR PRESENTATIONS

Syracuse University (2011), Massachusetts Institute of Technology (2009 & 2010), University of Western Australia (2010), University of Wollongong, University of Auckland (2009), Australian National University (2009), University of New South Wales (2009), La Trobe University (2007), University of Nottingham (2007), University of Colorado at Boulder (2007), University of Wyoming (2007), University of Canterbury (2005), New Zealand Treasury (2005), New Zealand Ministry of Foreign Affairs and Trade (2005), Victoria University (2004), University of Otago (2003, 2004, 2005, & 2008)

COURSES TAUGHT (University of Otago)

Principles of microeconomics

Principles of macroeconomics

International economics

International trade theory

Microeconomic theory

Econometrics

GRADUATE STUDENT SUPERVISION (University of Otago)

Koska, O. “Joint ventures versus greenfield investment,” Doctor of Philosophy, 2006-2010

Ryan, D. “The winners and losers from trade liberalisation in the South Pacific,” Master of International Studies, 2003-2004

Lau, E., “The economic impact of the Closer Economic Partnership Agreement on Hong Kong,” Master of International Studies, 2003-2004

CONSULTING

New Zealand Institute of Economic Research, 2009
Japan External Trade Organisation, New Zealand, 2008 & 2009
PricewaterhouseCoopers, New Zealand, 2007-2008
New Zealand Institute, 2007-2008
New Zealand Ministry of Foreign Affairs and Trade, 2005-2008
New Zealand Totalisator Agency Board, 2003 & 2005
Centrebet, Australia, 2003

MEDIA COMMENTARIES & APPEARANCES

Channel 9 News, China Economic Review, Rural Delivery, Radio New Zealand National, RadioLive, Management Magazine, Manuwatu Standard, National Business Review, New Zealand Dairy Exporter, New Zealand Farmers Weekly, New Zealand Herald, Newstalk ZB, Otago Bulletin, Otago Daily Times, The Independent Business Weekly, The Press, The Roar, Timaru Herald, TV3 News, TVNZ News, Waikato Times

ACADEMIC SERVICE

Co-chair (with Frank Stähler), Otago Worksop in International Trade, University of Otago, 2006-2009
Academic Board, Department of Economics, University of Otago, 2006-2009
Editor, *EcoNZ@Otago*, Department of Economics, University of Otago, 2006-2009
Abstract reviewer, 13th Annual Conference on Global Economic Analysis, Penang, June 9-11, 2010
Recruitment Committee, Department of Economics, University of Otago, 2008-2009
International Business Programme Review Panel Member, School of Business, University of Otago, 2007
Teaching and Learning Committee, Department of Economics, University of Otago, 2007-2009
Computer Committee, Department of Economics, University of Otago, 2003-2006
Course advisor, Department of Economics, University of Otago, 2003-2009

REFEREES

Professor David Greenaway
Vice Chancellor, University of Nottingham
University Park
Nottingham NG7 2RD, UK
Phone: +44 115 951 5469
Email: david.greenaway@nottingham.ac.uk

Professor Martin Richardson
Research School of Economics
College of Business and Economics
HW Arndt Building 25a
Australian National University
ACT 0200, Australia
Phone: +61 2 612 53582
Email: martin.richardson@anu.edu.au

Professor Peter Robertson
Economics, M251, Business School
University of Western Australia
Crawly
WA 6009, Australia
Phone: +61 8 64885633.
Email: peter.robertson@uwa.edu.au