

CURRICULUM VITAE

Name: ALAN STEWART DUNCAN

Current Appointments: Director, Bankwest Curtin Economics Centre (BCEC), Curtin University and Bankwest Research Chair in Economic Policy

Contact Information: Professor Alan Duncan
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Director, Bankwest Curtin Economics Centre (BCEC)
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EDUCATION

1986-90 University of York; DPhil, Economics.
1983-86 University of Manchester; BA (Hons), Economics.

EMPLOYMENT HISTORY

April 2013- Director, Bankwest Curtin Economics Centre (BCEC) and Bankwest Research Chair in Economic Policy, Curtin University, Perth, WA.

April 2010-March 2013 Director, National Centre for Social and Economic Modelling (NATSEM) and Professor of Economics, University of Canberra

Aug 2008-March 2010 Head of School and Professor of Microeconometrics, Nottingham School of Economics, University of Nottingham

Jan 2001-July 2008 Professor of Microeconometrics, University of Nottingham

Sept 1999-Dec 2000 Reader in Microeconometrics, University of Nottingham

Oct 1998-Aug 1999 Reader in Economics, University of York

Oct 1992-Sept 1998 Lecturer in Economics, University of York

Oct 1991-Sept 1992 Senior Research Economist, Institute for Fiscal Studies

Oct 1990-Sept 1991 Rowntree Research Fellow, Institute for Fiscal Studies

Oct 1989-Sept 1990 Research Economist, Institute for Fiscal Studies

ACADEMIC SERVICE

Departmental/Centre

2014- School of Economics and Finance R&D Committee, Curtin Business School

2013- Director, Bankwest Curtin Economics Centre (BCEC), Curtin University

2010-2013 Director, National Centre for Social and Economic Modelling (NATSEM), Canberra

2010-2013 Chair, NATSEM Senior Strategy Group; Member of the following NATSEM committees: Administration and Finance Committee (A&F); Research Committee (RC); Business Development Committee (BDC); Publicity & Outreach Committee (P&O);

2008-2010 Head of School, School of Economics, University of Nottingham.

2008-2010 Acting Director, Executive Centre for Globalisation & Economic Policy

2004-2006 Deputy Head of School, School of Economics, University of Nottingham.

2004-2008 Director of Research, School of Economics, University of Nottingham.

2005-2008 Director, Centre for Policy Evaluation, University of Nottingham.

2004-2008 Co-Director, Nottingham Tax Research Institute, University of Nottingham.

2001-2008 Professorial Management Group, School of Economics, University of Nottingham

2001-2010 Nottingham School of Economics Activity and Performance Reviewer

2001-2005 GEP Management Group, Leverhulme Centre for Globalisation & Economic Policy

1999 -2004 Chair, Communications and Information Technology Committee, School of Economics

University

2013-	Faculty R&D Committee, Curtin Business School, Curtin University
2011-2013	MDB Collaborative Research Network Management Group, University of Canberra
2010-2013	UC Senior Management Group, University of Canberra.
2010-2013	UC Services Committee, University of Canberra
2010-2013	University Research Committee, University of Canberra.
2010-2013	Review of Research Strategy Working Group, University of Canberra.
2010-2013	Research Committee, Faculty of Business, Government & Law, University of Canberra
2009-2010	Research and Knowledge Transfer Board, University of Nottingham.
2008-2009	Member, Review of Research and Knowledge Transfer, University of Nottingham.
2005-2008	Humanities and Social Sciences Strategy Group, University of Nottingham.
2004-2005	Staff Portal Implementation Group, University of Nottingham.

External

2012-	Strategic Advisory Board, Centre for Health Economics, Monash University
2010-	International Research Fellow, Centre for Microdata Methods & Practice (CEMMAP)
2010-	Research Associate, Institute for Fiscal Studies (IFS), London, UK.
2010-2014	Advisory Board, Centre for Microeconometrics, University of Melbourne
2002-2009	Professorial Associate, Centre for Pensions and Superannuation (CPS)
2000-2009	Professorial Research Fellow, Melbourne Institute, Australia.
2000-2009	Honorary Professor, University of Melbourne, Australia.
1999- 2004	Research Fellow, Institute for Fiscal Studies

FELLOWSHIPS AND PRIZES

2015	Australasian Evaluation Society, Evaluation Study or Project Award for the Keep Them Safe Outcomes Evaluation for NSW Department of Premier and Cabinet (with Rebecca Cassells, Ilan Katz, Aron Schlonsky and kylie valentine)
2002	The R I Downing Fellowship, University of Melbourne, 2002.
2000	Co-recipient, The Ragnar Frisch Medal (awarded biennially by the Econometric Society for the best applied paper published in <i>Econometrica</i> during the previous five years), 2000.

UNIVERSITY AWARDS

2015	Most Prolific Media Commentator, Curtin Business School
2015	Most Outstanding Curtin Research News Story, Curtin Business School
2015	Most Outstanding Curtin Research News Story, Curtin University
2015	Curtin Business School CBS Industry Project of the Year (with Rebecca Cassells, for the Keep Them Safe Outcomes Evaluation for NSW Department of Premier and Cabinet)
2014	Outstanding New Media Commentator for 2014, Curtin Business School

PROFESSIONAL DISTINCTIONS

Co-Editor, *Australian Journal of Labour Economics*, 2013-
Invited participant, Federal Tax Forum, October 2011
Associate Editor, *International Journal of Microsimulation*, 2011-
Editorial Board, *International Journal of Microsimulation*, 2005-2011
Academic Consultant, HM Treasury, Work Incentive Modelling in IGOTM, 2008-2010
Academic Consultant, Department for Work and Pensions, PSM Employment Modelling, 2006-2010

Academic Consultant, Department for Trade and Industry (Small Business Service), 2006
 Academic Consultant, Department for Work and Pensions Review of Barriers to Employment, 2005
 Academic Consultant, Inland Revenue Pilot Study on Corporation Tax Microsimulation, 2004
 Academic Consultant, Inland Revenue Academic Panel on Tax Revenue Forecasting, 2003
 Academic Consultant, The World Bank, June 2000-July 2002
 Honorary Professor, University of Melbourne, January 2001-2006
 Joint Managing Editor, *Bulletin of Economic Research*, 1997-1999
 Academic Consultant, Bank of England Monetary Policy Committee, 1999
 Academic Consultant, Treasury Academic Panel on Labour Markets, 1995
 Academic Consultant, Organisation for Economic Cooperation and Development Working Party; "Making Work Pay: A Thematic Review", 1995-1996

GRANTS, CONSULTANCIES AND AWARDS (since 2011)

Overall value: (i) \$6.85 million (value of external grants and consultancies)
(ii) \$2.6 million (internal University awards)

- [1.] "Western Australia's International Education Sector", WA Private Education And Training Industry Association (WAPETIA). With Prof John Phillimore, John Curtin Institute of Public Policy.
- Value of Award: **\$50,000**
 Date of Award: March 2016
 Duration of Project: March 2016 to July 2016
- 2.] "Income tax treatment of housing assets: An assessment of proposed reform arrangements (16/PRO/81111)", Australian Housing and Urban Research Institute. With A/Prof Rachel Ong (Bankwest Curtin Economics Centre), A/Prof Helen Hodgson (Curtin Law), Mr John Minas (Griffith University).
- Value of Award: **\$203,715**
 Date of Award: June 2016
 Duration of Project: June 2016 to October 2017
- [3.] "Evaluation of the Out Of Home Care child protection program", for NSW Department of Family and Community Services (FACS). With Prof Ilan Katz, Kylie Valentine (UNSW); Rebecca Cassells (Bankwest Curtin Economics Centre); Prof Aron Shlonsky, Dr Christine Eastmann (University of Melbourne).
- Value of Award: **\$68,000**
 Date of Award: July 2014
 Duration of Project: July 2014 to December 2015
- [4.] "Independent evaluation of the headspace youth mental health program", Federal Department of Health. With A/Prof Kristy Muir (co-lead applicant), Prof Ilan Katz (co-lead applicant), Fiona Hilferty (all SPRC/UNSW); Rebecca Cassells, Grace Gao, Astghik Mavisakalyan (Bankwest Curtin Economics Centre); Prof Steve Zubrick, Dan Christensen, Francis Mitrou (University of Western Australia).
- Value of Award: **\$1.65m**
 Date of Award: July 2013
 Duration of Project: July 2013 to July 2014
- [5.] "Should I Stay or Should I Go: understanding drivers of migration in the Murray-Darling Basin", Murray-Darling Basin Futures Collaborative Research Network, University of Canberra. Co-Lead Applicant. With Helen Berry (CeRAPH, University of Canberra – co-lead applicant), Rebecca Cassells, Riyana Miranti (both NATSEM), Lean O'Brien (CeRAPH).
- Value of Award: **\$901,000**
 Date of Award: November 2011
 Duration of Project: January 2012 to July 2014

- [6.] "KeepThem Safe (KTS) outcomes evaluation", NSW Department of Premier and Cabinet. With Prof Ilan Katz, kylie valentine (SPRC/UNSW – co-lead applicant); Rebecca Cassells (NATSEM – co-lead applicant); Dr Jan Nicholson (University of Melbourne).
- Value of Award: **\$2.6m**
Date of Award: July 2013
Duration of Project: July 2013 to July 2014
- [7.] "Understanding and preventing workforce vulnerabilities in midlife and beyond". Lead Chief Investigator. Australian Research Council Linkage Project LP120100624. With Simon Biggs (CI, Melbourne), Cathy Gong (CI, DEEWR), Helen Kimberley (PI, BSL) and Dina Bowman (PI, BSL).
- Value of Award: **\$571,662**
Date of Award: October 2011
Duration of Project: March 2012 to December 2014
- [8.] "Smart and Skilled: Options for a student entitlement model under increased competition in the Vocational Education and Training sector". Lead Applicant. NSW Department of Education and Communities. With Marcia Keegan, Sharyn Lymer and Matthew Taylor.
- Value of Award: **\$265,064**
Date of Award: November 2011.
Duration of Project: November 2011 to June 2012
- [9.] "The economics of government as insurer of last resort for climate change adaptation". National Climate Change Adaptation Research Facility. With Leo Dobes and Frank Jotzo (ANU).
- Value of Award: **\$105,000**
Date of Award: December 2011
Duration of Project: January 2012 to March 2013
- [10.] "Modelling Aboriginal and Torres Strait Islander Mental Health at the Community Level". Healing Foundation. Lead Applicant. With Gabrielle D'Souza, Linc Thurecht, Yogi Vidyattama (all NATSEM) and Mandy Yap (ANU).
- Value of Award: **\$102,600**
Date of Award: August 2012
Duration of Project: September 2012 to December 2012
- [11.] "Developing Regional Indicators for the Western Australian economy". Western Australia Department of Regional Development. With Kenneth Leong (Lead Applicant) and Grace Gao (both from BCEC).
- Value of Award: **\$100,000**
Date of Award: December 2014
Duration of Project: January 2015 to July 2015
- [12.] "Annual report on the status of women in New South Wales". NSW Office for Women. With Rebecca Cassells and Riyana Miranti.
- Value of Award: **\$92,025**
Date of Award: September 2011
Duration of Project: September 2011 to November 2011 (contract variation to March 2012)
- [13.] "Marginalised Canberrans in the last decade: learning from their journeys" ACT Government Community Services Innovations Grant. With Helen Berry, Lean O'Brien and Rebecca Cassells.
- Value of Award: **\$47,807**
Date of Award: October 2011
Duration of Project: January 2012 to August 2012

- [14.] "Education, employment and the dynamics of working while at school". National Centre for Vocational Education Research (NCVER). With Xiaodong Gong and Rebecca Cassells.

Value of Award: **\$41,000**
 Date of Award: September 2011
 Duration of Project: December 2011 to April 2012

- [15.] University of Canberra internal award in support of NATSEM's five year strategic plan. University of Canberra Research Strategy Fund.

Value of Award: **\$2.1m** (2012-2014)
 Date of Award: December 2011
 Duration of Project: January 2012 to December 2014

Additional Resourcing

Australian Commonwealth - STINMOD 11/12, 12/13 **\$508,841** for 2 years from January 2012
 ACT - Home2Work pilot evaluation **\$42,000** from March 2011
 Pre-Election Policy Unit, Parliamentary Library **\$42,000**, July-August 2011

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RESEARCH IMPACT

Evidence of research impact (as at September 2016)

	ISI	RePEC	Google Scholar	Researchgate
Total citations	716	1,249	3254	2,119
h-index	13	13	25	23

RePEC: Ranked in the top 4% most cited Economics authors worldwide

RESEARCH

Contributions to peer-reviewed journals

- [16.] Michael McGann, Rachel Ong, Dina Bowman, **Alan Duncan**, Helen Kimberley and Simon Biggs (2016), "Gendered ageism in Australia: changing perceptions of age discrimination among older men and women", *Economic Papers* (forthcoming)
- [17.] **Alan Duncan**, Jinjing Li and Riyana Miranti (2015), "Underemployment among Mature Age Workers in Australia", *The Economic Record*, 91, pp.438–462
- [18.] **Alan Duncan** and Astghik Mavisakalyan (2015), "Russian language skills and employment in the Former Soviet Union", *The Economics of Transition*, 23:3, pp.625-656
- [19.] Sarah Brown, **Alan Duncan**, Mark Harris, Jennifer Roberts and Karl Taylor (2014), "A Zero-Inflated Regression Model for Grouped Data", *Oxford Bulletin of Economics and Statistics*, 77:6, pp.822–831
- [20.] Riyana Miranti, **Alan Duncan** and Rebecca Cassells (2014), "Revisiting the Impact of Consumption Growth and Inequality on Poverty in Indonesia during Decentralisation". *Bulletin of Indonesian Economic Studies*, 50:3, pp. 461-482.
- [21.] **Alan Duncan** and David Greenaway (2008), "The Economics of Wine", *Economic Journal*, 118, F137-F141

- [22.] Mike Brewer, **Alan Duncan**, Andrew Shepherd and Maria Suarez (2006), "Did the Working Families' Tax Credit Work? Analysing Programme Participation For In-Work Tax Credits", *Labour Economics*, 13, pp. 699-720.
- [23.] John Creedy and **Alan Duncan** (2005), "Aggregating Labour Supply and Feedback Effects in Microsimulation", *Australian Journal of Labour Economics*, 8, pp.277-290
- [24.] James Banks, Richard Disney, **Alan Duncan** and John Van Reenen (2005), "The Internationalisation of Public Welfare Policy", *Economic Journal*, 115, pp.C62-C81
- [25.] John Creedy and **Alan Duncan** (2002), "Welfare, Non-Linear Budget Constraints and Behavioural Microsimulation", *Journal of Economic Surveys*, 16, pp.1-39.
- [26.] **Alan Duncan** and Mark Harris (2002), "Simulating the Behavioural Effects of Welfare Reforms among Sole Parents in Australia", *Economic Record*, 78, pp. 264-276.
- [27.] John Creedy, **Alan Duncan**, Mark Harris and Rosanna Scutella (2001), "Wage Functions for Demographic Groups in Australia", *Australian Journal of Labor Economics*, 4, pp. 296-316
- [28.] Richard Blundell, **Alan Duncan**, Julian MacCrae and Costas Meghir (2000), "The Labour Market Impact of the Working Families Tax Credit", *Fiscal Studies*, 21, pp.75-104.
- [29.] **Alan Duncan** and Melvyn Weeks (1998), "Simulating Transitions using Discrete Choice Models", *Papers and Proceedings of the American Statistical Association*, 106, pp. 151-156.
- [30.] Richard Blundell and **Alan Duncan** (1998), "Kernel Methods in Empirical Microeconomics", *Journal of Human Resources*, 33, pp.62-87
- [31.] Richard Blundell, **Alan Duncan** and Costas Meghir (1998), "Estimating Labour Supply Responses Using Tax Reforms", *Econometrica*, 66, pp.827-862
- [32.] Richard Blundell, **Alan Duncan** and Krishna Pendakur (1998), "Semiparametric Estimation and Consumer Demand", *Journal of Applied Econometrics*, 13, pp.435-461.
- [33.] **Alan Duncan** and Melvyn Weeks (1997), "Behavioural Tax Microsimulation with Finite Hours Choices", *European Economic Review*, 41, pp.619-626.
- [34.] **Alan Duncan** and Christopher Giles (1996), "Labour Supply Incentives and Recent Family Credit Reforms", *Economic Journal*, 106, pp.142-155.
- [35.] **Alan Duncan** and Christopher Giles (1996), "Should We Subsidise Childcare, and If So How?", *Fiscal Studies*, 17, pp.39-61.
- [36.] **Alan Duncan** and Peter Smith (1995), "Modelling Local Government Budgetary Choices under Expenditure Limitation", *Fiscal Studies*, 16, pp.95-110.

Under review

- [37.] **Alan Duncan** (2015), "Microsimulation methods and applications: a survey", *Foundations and Trends in Econometrics* (accepted)
- [38.] Ha Nguyen and **Alan Duncan** (2015), "Macroeconomic fluctuations in home countries and immigrants' well-being: New evidence from Down Under". Under review at *Health Economics (A)*.
- [39.] Ha Nguyen and **Alan Duncan** (2015), "Exchange rate fluctuations and immigrants' labour market outcomes". Under second review at *The Journal of International Economics (A*)*.
- [40.] **Alan Duncan**, Astghik Mavisakalyan and Yashar Taverdmamaghani, "Labor market discrimination against Indigenous Australians: self-assessed vs statistical evidence". Under review at *Applied Economics (A)*.

Work in progress

- [41.] Steven Bond-Smith, Rebecca Cassells and **Alan Duncan**, "Clustering, Agglomeration and the Spatial Determinants of Innovation Activity in Australia". *mimeo*, Bankwest Curtin Economics Centre.
- [42.] **Alan Duncan** and Astghik Mavisakalyan, "Immigration and host country school systems: What do we know?". *mimeo*, Bankwest Curtin Economics Centre.
- [43.] Rebecca Cassells, **Alan Duncan** and Grace Gao, "Spatial patterns and the determinants of internal migration in Australia". *mimeo*, Bankwest Curtin Economics Centre.
- [44.] Rebecca Cassells, **Alan Duncan** and Astghik Mavisakalyan, "The Gender Earnings Gap in Australia: a literature review and implications for Western Australia". *mimeo*, Bankwest Curtin Economics Centre.
- [45.] **Alan Duncan** and Kenneth Leong, "Measuring Regional Economic Growth in Western Australia: a framework for analysis". *mimeo*, Bankwest Curtin Economics Centre.
- [46.] Rebecca Cassells and **Alan Duncan**, "Educational disadvantage in Australia: does location matter?". *mimeo*, Bankwest Curtin Economics Centre.
- [47.] Rebecca Cassells, **Alan Duncan** and Grace Gao, "Brain Drain or Brawn Drain? East to West Skilled Migration in Australia". *mimeo*, Bankwest Curtin Economics Centre.

Books

- [48.] Gillian Paull, Jayne Taylor and **Alan Duncan** (2002), *Mothers' Employment and Childcare Use in Britain*, London: Institute for Fiscal Studies. 244pp. ISBN 1 903274 23 0
- [49.] John Creedy, **Alan Duncan**, Mark Harris and Rosanna Scutella (2002), *Microsimulation Modelling of Taxation and the Labour Market: the Melbourne Institute Tax and Transfer Simulator*, Cheltenham: Edward Elgar. 300pp. ISBN: 1 84376 063 0

Chapters in Books

- [50.] **Alan Duncan** and David Greenaway (2004), "Tax Credits and Welfare for Working Families: a case study of policy transfer" in D. Nelson (ed), *The Political Economy of Policy Reform*, Elsevier B.V.
- [51.] **Alan Duncan** (2003), "Simulating the Effect of an Employment-Conditional Tax Credit for Australia" in P. Dawkins and P. Kelly (eds.), *Hard Heads, Soft Hearts: A New Reform Agenda for Australia*, Melbourne: Allen and Unwin.(ISBN: 1 74114 021 8)
- [52.] **Alan Duncan** (2002), "The use of microsimulation methods in welfare policy formation", in O. Bontout (ed.), *Microsimulation Methods*, Paris: Conseil de l'Emploi, Revenues et Cohesion Sociale (CERC)
- [53.] John Creedy and **Alan Duncan** (2001), "Behavioural Microsimulation with Labour Supply Responses", in J. Creedy, *Taxation and Economic Behaviour: introductory surveys in economics*, Volume 1, Cheltenham: Edward Elgar (ISBN: 1 84064 732 9)
- [54.] John Creedy and **Alan Duncan** (2000), "Behavioural Microsimulation Methods for Policy Analysis", in T.Callan (ed.), *Taxes, Transfers and Labour Market Responses: What Can Microsimulation Tell Us?*, Dublin: ESRI. (ISBN: 0 7070 0185 4)
- [55.] **Alan Duncan** and Melvyn Weeks (2000), "Simulating Transitions Using Binary Choice Models", in L Mitton, H.Sutherland and M Weeks (eds.) *Microsimulation Modelling for Policy Analysis*, Cambridge: Cambridge University Press (ISBN: 0 521 79006 9)
- [56.] Richard Disney, **Alan Duncan** and Edward Whitehouse (1999), "Work Incentives and Retirement Incomes", in *Policy Implications of the Ageing of Australia's Population*, Productivity Commission and Melbourne Institute. Canberra: Ausinfo. (ISBN 0 646 33598 7)

- [57.] **Alan Duncan** and Christopher Giles (1998), "Alternatives to Family Credit: Tax Credits in the UK Context", in K.Pichelmann (ed.), *Taxation, In-Work Benefits and the Labour Market: An Analysis of Crucial Design Features*, Institut fur Hoehere Studien
- [58.] **Alan Duncan** and Christopher Giles (1997), "Microsimulation Analyses of Taxes, Benefits and Financial Returns to Employment: United Kingdom, 1993-94", in T.Callan (ed.), *Income Support and Work Incentives: Ireland and the UK*, Dublin: ESRI (ISBN: 0 7070 0171 4)
- [59.] **Alan Duncan** and Peter Smith (1996), "On the Use of Statistical Techniques to Infer Territorial Spending Needs", in G. Pola, G. France and R. Levaggi (eds.), *New Issues in Local Government Finance: theory and practice*, pp.24-39, Edward Elgar. (ISBN: 1 85898 377 0)
- [60.] **Alan Duncan**, John Hutton, Fouad Laroui and Anna Ruocco (1996), "The Labour Market Effects of VAT Harmonisation in a Multicountry AGE Model", in A. Fossati and J. Hutton (eds.) *Policy Simulations in the European Union*, pp. 59-78, London: Routledge. (ISBN: 0 415 15335 2)
- [61.] Richard Blundell, **Alan Duncan** and Costas Meghir (1994), "Empirical Models of Labour Supply and of Tax Reform: the UK Experience", in M. Arellano (ed.), *Modelos Microeconomicos Y Politica Fiscal*, pp.17-54, Madrid: Ministerio de Economia y Hacienda. (ISBN: 84 476 0101 3)
- [62.] **Alan Duncan** (1993), "Labour Supply Decisions and Non-Convex Budget Sets: The Case of National Insurance Contributions in the UK", in A.Heimler and D.Meulders (eds), *Empirical Approaches To Fiscal Policy*, pp137-162, London: Chapman and Hall. (ISBN 0 412 44990 0)
- [63.] **Alan Duncan** (1991), "The Dependence of Labour Supply Decisions on Household Composition: The Case of the Single Parent" in J.Hutton, S.Hutton, T.Pinch and A.Sheill (eds), *Dependency To Enterprise: The Challenge To Social Policy*, pp. 117-131, London: Routledge (ISBN 0 415 04861 3)

Research Reports (since 2010)

- [64.] Steven Bond-Smith, **Alan Duncan**, Daniel Kiely, Kenneth Leong and Ha Nguyen (2016), *From Paddock to Plate: WA's potential in agriculture and agribusiness*, BCEC Focus on Industry Report Series, Issue #1, September 2016
- [65.] **Alan Duncan**, Daniel Kiely, Kenneth Leong and Ha Nguyen, John Phillimore and Richar Seymour (2016), *Western Australia's International Education Sector: Performance and Prospects*, Bankwest Curtin Economics Centre and John Curtin Institute of Public Policy, Report to the Western Australian Private Education and Industry Training Association (WAPETIA), September 2016.
- [66.] **Alan Duncan**, Amity James, Kenneth Leong, Rachel Ong and Steve Rowley (2016), *Keeping A Roof Over Our Heads: BCEC Housing Affordability Report 2016*, BCEC Focus on Western Australia Report Series, Issue #7. June 2016.
- [67.] Rebecca Cassells, **Alan Duncan** and Rachel Ong R (2016), *Gender Equity Insights 2016: Inside Australia's Gender Pay Gap*, BCEC|WGEA Gender Equity Series, Issue #1, March 2016.
- [68.] Steven Bond-Smith, Rebecca Cassells, **Alan Duncan**, Daniel Kiely and Yashar Tarverdi (2016), *Positioned for an Ideas Boom? Productivity and Innovation in Australia*, BCEC Focus on the States Report Series, Issue #4, March 2016.
- [69.] Rebecca Cassells, **Alan Duncan** and Yashar Taverdmamaghani (2015), *Beyond the Bottom Line: Government Debt in Australia*, BCEC Focus on the States Report Series, Issue #3. November 2015.
- [70.] Michael Dockery, **Alan Duncan**, Ha Nguyen and Rachel Ong (2015), *Securing our Future: meeting the challenges of WA's ageing population*, BCEC Focus on Western Australia Report Series, Issue #6.
- [71.] **Alan Duncan**, Kenneth Leong and Yashar Taverdmamaghani (2015), *Tiger, Tiger, Burning Bright? WA's trade and economic development with Asia*, BCEC Focus on Western Australia Report Series, Issue #5. September 2015.

- [72.] Rebecca Cassells, **Alan Duncan** and Grace Gao (2015), *The Costs of Doing Business in Western Australia*, BCEC Focus on Western Australia Report Series, Issue #4. July 2015.
- [73.] Rebecca Cassells, **Alan Duncan**, Simon Kelly and Rachel Ong (2015), *Beyond Our Means: savings and debt in Australia*, BCEC Focus on the States Series, Issue #2. June 2015.
- [74.] Rebecca Cassells, Michael Dockery and **Alan Duncan** (2014), *Falling Through The Cracks: poverty and disadvantage in Australia*, BCEC Focus on the States Report Series, Issue #1. October 2014.
- [75.] Rebecca Cassells, Michael Dockery, **Alan Duncan**, Grace Gao, Kenneth Leong and Astghik Mavisakalyan (2014), *Workforce and Skills: Western Australian labour markets in transition*, BCEC Focus on Western Australia Report Series, Issue #3. August 2014.
- [76.] Rebecca Cassells, **Alan Duncan**, Grace Gao and Marcia Keegan (2014) *Keep Them Safe Outcomes Evaluation: Economic Evaluation Final Report, Annex C*, Sydney: NSW Dept Premier and Cabinet.
- [77.] Rebecca Cassells, **Alan Duncan**, Christine Eastman, Grace Gao, Ilan Katz, Marcia Keegan, Asghik Mavisakalyan, Aron Shlonsky, Chris Smyth and kylie valentine k (2014), *Keep Them Safe Outcomes Evaluation: KTS Indicators Final Report, Annex A*, Sydney: NSW Department of Premier and Cabinet.
- [78.] Rebecca Cassells, **Alan Duncan**, Grace Gao and Marcia Keegan (2014) *Keep Them Safe Outcomes Evaluation: Spatial Analysis Final Report, Annex E*, Sydney: NSW Department of Premier and Cabinet.
- [79.] Rebecca Cassells, **Alan Duncan**, Ilan Katz, Marcia Keegan, Astghik Mavisakalyan, Michael Macvean, Rachel Middleton and kylie valentine (2014), *Keep Them Safe Outcomes Evaluation: Synthesis of Evaluations Final Report, Annex F*, Sydney: NSW Department of Premier and Cabinet.
- [80.] Rebecca Cassells, **Alan Duncan**, Grace Gao, Amity James, Kenneth Leong, Sanna Markkanen and Steve Rowley (2014), *Housing Affordability: the real costs of housing in Western Australia*, BCEC Focus on Western Australia Report Series, Issue #2. April 2014.
- [81.] Rebecca Cassells, **Alan Duncan** and Grace Gao (2014), *Sharing The Boom: the distribution of income and wealth in Western Australia*, BCEC Focus on Western Australia Report Series, Issue #1. Feb 2014.
- [82.] Rebecca Cassells, **Alan Duncan**, Annie Abello, Gabrielle D'Souza and Binod Nepal and Cathy Gong (2012), *Smart Australians: education and innovation in Australians*, AMP:NATSEM Income and Wealth Report Number 32. September 2012.
- [83.] Riyana Miranti, Yogi Vidyattama, Erick Hansnata, Rebecca Cassells and **Alan Duncan** (2012), *Trends in poverty and inequality in Indonesia post-decentralisation*, Research Report for the Organisation for Economic Cooperation and Development (OECD). August 2012.
- [84.] **Alan Duncan**, Marcia Keegan, Sharyn Lymer, Matthew Taylor, Yogi Yidyattama and Rebecca Cassells (2012), *Smart and Skilled: Options for a student entitlement model under increased competition in the Vocational Education and Training sector*, Policy Report for NSW Department of Education and Communities. March 2012.
- [85.] Xiaodong Gong, Rebecca Cassells and **Alan Duncan** (2011), *The Dynamics of Study-Work Choices and Enrolment in Tertiary Education by Australian Secondary-School Students*. Report to the National Centre for Vocational Education Research (NCVER). January 2012.
- [86.] Rebecca Cassells, **Alan Duncan** and Cathy Gong (2011), *Race Against Time: How Australians Spend Their Time*, AMP:NATSEM Income and Wealth Report Number 30. November 2011.
- [87.] Linc Thurecht, Riyana Miranti, Rebecca Cassells and **Alan Duncan** (2011), *Workforce Intelligence Project - Defence Recruiting Success Phase 2 (Detailed Investigation)*. Research Report for the Department of Defence. December 2011.
- [88.] Yogi Vidyattama, Robert Tanton and **Alan Duncan** (2011), *Income Verification among Loan Applicants*. Research Scoping Report to VEDA Advantage. October 2011.

- [89.] **Alan Duncan** (2011), *Understanding the Gender Gap and its Implications*. Committee for Economic Development for Australia (CEDA). September 2011.
- [90.] Rebecca Cassells, **Alan Duncan**, Justine McNamara and Vu Quoc Ngu (2010), *Child care assistance reform proposals in the Henry Tax Review*, National Foundation for Australian Women (NFAW)
- [91.] **Alan Duncan** and David Roe (2010), *Adding Employment Patterns to IGOTM: the Treasury Employment Choices Model (ECM)*. London: Treasury. March 2010.

Authored Software

- [92.] **EBOR-TAX** An interactive tax-benefit model of the UK economy. Written in GAUSS. Simulates the impact of changes to the UK tax and social security systems on net income levels for samples of individuals from the Family Expenditure Survey. Developed for the OECD's Thematic Review of Taxes, Benefits and Employment. See *OECD Jobs Strategy: Making Work Pay 1996*
- [93.] **SPAIN-III** The **S**imulation **P**rogram for the **A**nalysis of **I**ncentives. Developed in conjunction with IFS. Written in GAUSS. Simulates labour supply responses to changes to the tax and social security system.
Reviewed in Economic Journal, Vol.101 pp 659-676.(May 1991).
- [94.] **MITTS** The **M**elbourne **I**nstitute **T**ax and **T**ransfer **S**imulator. Developed in conjunction with the Melbourne Institute of Applied Economic and Social Research. Written in GAUSS. A fully integrated static and behavioural tax and transfer simulator designed specifically for the Australian economy.
See Creedy, Duncan, Harris and Scutella (2002)
- [95.] **NP-REG** An interactive package for kernel density estimation and **N**on-**P**arametric **R**EGression. Written in GAUSS. Menu-driven computer package incorporating a range of non-parametric techniques, including: nonparametric density and multivariate regression analysis; spline and bootstrap methods; semiparametric and partial linear regression; average derivatives; diagnostics.
See Duncan and Jones (1992), "NP-REG: An Interactive Package for Kernel Density Estimation and Nonparametric Regression", Institute for Fiscal Studies, Working Paper No. W92/7.
- [96.] **EHM** **E**mployment and **H**ours **M**odel. Developed in conjunction with the Model Development Unit at the United Kingdom Department for Work and Pensions. Written in SAS. Menu-driven package for simulating employment and hours responses to tax and transfer policy reform, including special modules for modelling patterns of labour supply among the disabled.
- [97.] **ECM** **E**mployment **C**onditional **M**odel. Developed in conjunction with Work Incentives and Participation Unit at HM Treasury. Written in SAS. Integrated simulation package to add endogenous labour supply and participation responses to the static HMT microsimulation model IGOTM (Inter **G**overnment **T**ax-benefit **M**odel).

Refereeing for:

American Economic Review, Applied Statistics, Australian Economic Review, Australian Journal of Labour Economics, Econometrica, Economic Journal, Economic Record, Economica, European Economic Review, Finanzarchiv, Fiscal Studies, Health Economics, International Tax and Public Finance, Journal of Applied Econometrics, Journal of Economic Surveys, Journal of Health Economics, Journal of Human Resources, Journal of Labor Economics, Journal of Population Economics, Journal of Public Economics, Journal of the Royal

Statistical Society, Labour Economics, Manchester School, Oxford Economic Papers, Review of the Economics of the Household, Review of Economic Studies, Scandinavian Journal of Economics, Scottish Journal of Political Economy, World Economy.

Examiner for:

University of York (PhD Thesis, 2006, 2007)	University of Liverpool (PhD Thesis, 2006)
University of Bristol (MSc Econometrics, 2005-2009)	Warsaw University (PhD Thesis, 2005)
University of Goteborg, Sweden (PhD, 1998-2003)	DELTA, Paris (PhD Thesis, 2004)
European University Institute, Florence (PhD Thesis, 2004)	University of Warwick (PhD Thesis, 2004)
University College London (MSc Econometrics, 2000-2003)	University of Liverpool (PhD Thesis, 2005)
University of Monash, Australia (PhD Thesis, 2002, 2008)	University College London (PhD Thesis 2000,09)

Organisation of Conferences and Workshops:

- 2016 BCEC Staff Training Workshop, Economic Data Analysis Using STATA, Perth, Western Australia, 9 August 2016.
- 2016 22nd International Panel Data conference, Fremantle, Western Australia, 28-29 June 2016.
- 2015 BCEC 'WA in the Spotlight' Workshop: Housing & Land Use in Western Australia – New Perspectives on Affordability & Productivity, The Pavilion, Bankwest Place, Perth. 13 October 2015.
- 2015 Economic Research Workshop, Health and Wellbeing, Matilda Bay, Crawley, WA. 1 October 2015.
- 2014 Honouring Paul Miller, Fremantle, Perth. November 2014.
- 2014 Australasian Labour Market Research Workshop 2014, Fremantle, Perth. November 2014.
- 2014 Economic Research Workshop, Employment, Health and Wellbeing, The Vines, Swan Valley, WA. August 2014.
- 2014 The Eighth Australasian Trade Workshop, Fremantle, Perth. March 2014.
- 2014 The Fifth Australasian Workshop on Health Economics and Econometrics, Fremantle, Perth. April 2014.
- 2013 BCEC 'WA in the Spotlight' Workshop: Equality and diversity in the workplace: bridging the gender gap, Bankwest Building, Perth. October 2013.
- 2011 Joint NATSEM-Demographic Institute workshop, Gender and Poverty in Developing Countries, University of Indonesia – August 2011.
- 2009 GEP China Research Workshop, FDI, Outsourcing and Trade: An Asian Perspective, University of Nottingham, Ningbo Campus, Zhejiang Province, China, July 2009
- 2005 Royal Economic Society Special Session, Economics of Wine, University of Nottingham, March 2005
- 2004 Royal Economic Society Special Session, Internationalisation and Public Policy", University of Wales, Swansea, April 2004
- 2003 GEP/Murphy Institute joint workshop, Political Economy of Policy Transfer, Learning and Convergence, Tulane University, New Orleans, April 2003

Presentations and Lectures (since 2001):

- Presentation to the WACOSS 2016 Annual Emerging Issues Conference, Bankwest Pavilion, Perth, April 2016.
- Presentation at the 2016 Leadership WA - Visioning 2016, The Department of Transport, Perth, February 2016.
- "Positioned for an Ideas Boom?: Productivity and Innovation in Australia", Launch of the fourth BCEC Focus on the States report, Hyatt Regency Hotel, Perth, March 2016.
- "Gender Equity Insights 2016: Inside Australia's Gender Pay Gap". Launch of the first BCEC I WGEA Gender Equity Report Series, Hyatt Regency Hotel, Perth, March 2016.
- "Securing Our Future: meeting the challenges of WA's ageing population". Launch of the sixth BCEC Focus on Western Australia report, Hyatt Regency Hotel, Perth, November 2015.
- "The Ripple Effects of Poverty". Launch and presentation as part of the CEDA WA Anti-Poverty Week program, The Pavilion, Bankest Place, October 2015.
- "Tiger, Tiger, Burning Bright? WA's trade and economic development with Asia". Launch of the fifth BCEC Focus on Western Australia report, Hyatt Regency Hotel, Perth, September 2015.
- "The Costs of Doing Business in Western Australia". Launch of the fourth BCEC Focus on Western Australia report, Hyatt Regency Hotel, Perth, July 2015.
- "Beyond Our Means? Savings and debt in Australia". Launch of the second BCEC Focus on The States report, Hyatt Regency Hotel, Perth, June 2015.
- "Economic and Social Outlook for WA: Who is Falling Through The Cracks?". Presentation to the WACOSS 2015 Annual Emerging Issues Conference, Bankwest Pavilion, Perth, March 2015.
- "Spatio-temporal impacts on internal migration decisions in Australia". Presentation to Honouring Paul Miller workshop, The Esplanade Hotel, Fremantle, November 2014.
- "Falling Through The Cracks: poverty and disadvantage in Australia", Launch of the first BCEC Focus on The States report, Hyatt Regency Hotel, Perth, October 2014.
- "Workforce and Skills: Western Australian labour markets in transition", Launch of the third BCEC Focus on Western Australia report, The Pavilion, Bankest Place, Perth, August 2014.
- "Housing Affordability: the real costs of housing in Western Australia", Launch of the second BCEC Focus on Western Australia report, Pan Pacific Hotel, Perth, April 2014.
- "Sharing The Boom: the distribution of income and wealth in Western Australia", Launch of the first BCEC Focus on Western Australia report, The Pavilion, Bankest Place, Perth, March 2014.
- "Modelling Aboriginal and Torres Strait Islander Mental Health at the Community Level". Presentation to the Healing Foundation Research Workshop: Foundations of Healing, East Hotel, Canberra, August 2012.
- "Business Microsimulation: Applications and Prospects for Australia". Presentation to the Department of Industry, Innovation, Science, Research and Tertiary Education, Canberra, April 2012.
- "Women, wages and economic participation: unlocking a hidden resource". Presentation to the National Assembly on Gender Equity and Inclusion, Melbourne, April 2012.
- "Student entitlement policies and VET provision in NSW". Presentation to the NSW Department of Education and Communities, Sydney, February 2012.
- "Drivers of Change: Understanding and Integrating the Economic, Social, Health and Environmental Drivers of Change in the Murray-Darling Basin". Presentation to the Murray-Darling Basin Collaborative Research Network Research Planning Workshop, University of Canberra, October 2011.
- "Opportunities for economic and social policy evaluation in Indonesia". Presentation to the joint NATSEM-Demographic Institute, University of Indonesia conference. Depok, Indonesia. August 2011.

- "Looking to the Future: the Scope and Limits of Ex Ante Policy Evaluation", Keynote presentation to the Singapore Economic Review conference, Singapore, August 2011.
- "The gender wage gap in Australia: Causes, costs and the future?". Presentation to the CEDA 'Women in Leadership' workshop series, Melbourne, October 2010.
- "Child care assistance reform proposals in the Henry Tax Review". Presentation to the 'Women and Tax: The impact of the Henry Tax Review' Workshop, University of Sydney/Melbourne Law School, August 2010.
- "Behavioural Labour Supply Modelling in DWP", presented at the ESRC Microsimulation Workshop series, Imperial College London, May 2009
- "Internationalisation of Public Welfare Policy", presented at the EPRN Conference, "The Political Economy of Welfare Reform", University of Copenhagen, November 2007
- "Strategic Priorities in Tax Policy Evaluation: issues and some developments", presented at the Royal Economic Society Special Session on Strategic Tax Analysis", University of Nottingham, March 2005
- "Institutional Constraints and Random Heterogeneity in Structural Discrete Choice Models of Household Labour Supply", Econometric Society Australasian Meetings (ESAM) Invited Session on Microeconometrics", University of Melbourne, July 2004
- "Is There an Emerging Consensus in Policies to 'Make Work Pay'?". Presented at the Royal Economic Society Special Session Internationalisation and Public Policy", University of Wales Swansea, April 2004
- "Modifying Income Support in the Australian Tax and Transfer System: some options and an evaluation", presented at the Pursuing Opportunity and Prosperity conference, University of Melbourne, Nov 2003
- "Making Work Pay Policies and Employment Incentives", invited lecture, CESifo Summer Workshop on Tax Policy and Labour Market Performance, San Servolo, Venice, July 2003.
- "Is There an Emerging Consensus in 'Making Work Pay' Policies?", paper for the Political Economy of Policy Transfer, Learning and Convergence workshop, Tulane University, April 2003
- "Promoting Employment through Welfare Reform: lessons from the past, prospects for the future", the 2002 Downing Lecture, University of Melbourne, September 2002
- "Simulating Employment Responses to Tax Policy Reform", invited presentation to the Instituto de Estudios Fiscales conference, Microeconomic Models for Fiscal Policy, Madrid, May 2002.
- "Tax Credits and Welfare for Working Families: a case study of UK-USA policy convergence", invited presentation, Political Economy of Welfare Reform, Jonköping, Sweden, May 2002.
- "Work Incentives and Labour Supply of Lone Parents: Earnings Credits in Australia", presented at the Towards Opportunity and Prosperity conference, University of Melbourne, April 2002
- "The Economics of Childcare", invited presentation, Laing and Buisson conference Children's Nurseries: continuing the growth, Lord's Conference Centre, London, February 2002.
- "Tax Credits and Welfare for Working Families: a case study of UK-USA policy convergence", Political Economy of Policy Reform conference, Tulane University, USA, November 2001.
- "The use of microsimulation methods in welfare policy formation", invited presentation to Conseil de l'Emploi, des Revenues et de la Cohesion Sociale (CERC), Paris, October 2001
- "Aggregating Labour Supply and Feedback Effects in Microsimulation", paper presented to the Melbourne Institute/FaCS Unemployment Conference, University of Melbourne, August 2001
- "Examining tax and welfare reform using behavioural microsimulation", invited presentation to the Department for Family and Community Services, Canberra, August 2001

PHD SUPERVISION

Antonia Parera-Nicolau (graduated 2002)
Dan Johnson (graduated 2002)
Jose Felix Sanz-Sanz (graduated 2003)
Rosanna Scutella (graduated 2005)
Turaley Kenc (graduated 2005)
Mauro Pisu (graduated 2007)

Azizur Rahman (graduated 2010)
Sharyn Lymer (graduated 2011)
Robert Tanton (graduated 2011)
Bimo Wijadamo (graduated 2014)
Antonio Ruiz-Porras (graduated 2008)
Toan Nguyen (current)

TEACHING EXPERIENCE (at University of Nottingham):

Code	Course Title	Level	Contact hours			Number of	
			L	S	P	U/g	P/g
L11204	Quantitative Economics II with IT	1 st year	9	-	-	150	-
L13520	Topics in Econometrics I	3 rd year	18	4	3	55	-
L13620	Topics in Econometrics II	3 rd year	4	-	2	65	-
L13602	Economics of the Public Sector II	3 rd year	16	4	-	120	-
L14025	Applied Microeconometrics	Masters	16	-	4	-	40
L14032	Labour Economics	Masters	8	4	-	-	25

Teaching Experience

(at University of York) Undergraduate: Applied Economics (classes); Microeconomics (classes); Computing for Economics and Statistics (lectures, practical sessions and classes); Introductory Econometrics (classes); Statistical Methods (lectures, practical sessions and classes). *Graduate:* Applied Microeconometrics (lectures, practical sessions and classes); Microeconomics (classes); Labour Economics: Micro Issues (lectures and classes); Quantitative Analysis (lectures, practical sessions); Project and dissertation supervision

(Professional and Short Courses): Short Course in Microsimulation Methods for Policy Evaluation, CEMMAP, 2002-present; Short Course in Introductory Microeconometrics, CEMMAP, 2001-present; Short Course in Microeconomic Methods, Canberra, December 2011; Short Course in Microeconometrics, Department of Health, 2008; Professional Courses in Microeconometrics, Department for Work and Pensions, 2001-2007; Short Course in Microsimulation, University of Cologne, June 2008; Inland Revenue Residential Senior Management Training Workshop, 1995-1998; Residential Short Course in Medical Statistics, Vienna, 1996.

REFEREES

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**Professor Alan Duncan
Curriculum Vitae (August 2016)**