CURRICULUM VITAE

February 2014

NAME: John Piggott

CURRENT POSITION:
Scientia Professor of Economics and ARC Professsorial Fellow
Director, ARC Centre of Excellence in Population Ageing Research (CEPAR)
Director, Australian Institute for Population Ageing Research (AIPAR)
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DEGREES, AWARDS, HONOURS ETC:

B.A., University of Sydney, 1969

MSc, London School of Economics, 1973

Ph.D., University of London, 1980

Fellow, Academy of the Social Sciences in Australia, 1992

Scientia Professor, UNSW, 2011

ARC Australian Professorial Fellow, 2011

EMPLOYMENT:

Date	Employer	Position
1970-1971	"The Sydney Morning Herald"	Journalist. Mainly state Political and economic affairs.
1973-1974	Department of Economics Queen Mary College University of London	Research Fellowship: Health Economics
1974-1976	London School of Economics	Research Assistant, Department of Economics.
1976-1979	University of Western Ontario	Research Associate, Lecturer.
1979-1980	University of Adelaide	Lecturer
1981 - May 1985	Department of Economics Australian National University	Lecturer/Senior Lecturer
May 1985 -1987	Department of Economics University of Sydney	Senior Lecturer
1988 -	School of Economics University of New South Wales	Professor

Other positions held at UNSW:

University Council, elected (2012 – 2014)
Associate Dean (Research), Australian School of Business (2007 – 2010)
Director, Capital Markets Co-operative Research Centre Ltd (2006 – 2008; 2013)
Director, UNSW Professorial Superannuation Fund (1998 – 2003)
Acting Dean, Faculty of Commerce and Economics (2005 – 2006)
Associate Dean (Research), Faculty of Commerce and Economics (2002 – 2005)
Founding Director, Centre for Pensions and Superannuation (2002 – 2005)
Presiding Member, Faculty of Commerce and Economics (1992 – 1997)
Head, School of Economics (1988 – 1990, 1997 – 2002)

External positions since joining UNSW:

Jan – June 1990	Visiting Fellow, Department of Economics, Research School of Social Sciences, Australian National University, Canberra.
Jan. – April 1991	Visiting Professor, Department of Economics, University of Western Ontario, London, Canada. (Teaching: Advanced Public Finance)
April – Aug 1991	Visiting Professor, Department of Economics, University of Konstanz, Germany. (Teaching: Computable General Equilibrium)
1992 – 1997	Steering Committee, Retirement Income Modelling Task Force, Canberra.

1993 – 1996	Research Affiliate, Research School of Social Sciences, Australian National University
Dec. 1994 – Jan 1995	Visiting Professor, Department of Economics, University of Warwick, Coventry, England.
1997 – 1999	Adjunct Professor, Centre for Economic Policy Research, Australian National University; Director of CEPR Program in Public Finance.
1999 -	Research Fellow, Centre for Economic Studies, University of Munich, Germany.
2003 - 2008	Scientific Advisor, Frisch Centre for Applied Ecoomic Research, University of Oslo
2003 - 2006	Governing Board, Indian Pension Research Foundation
2005 – 2008	External Fellow, Centre for Policy Evaluation, University of Nottingham
2007	State representative, Australian Treasury Academic Consultative Panel, Canberra
2007 -	Visiting Professor, Zhejiang University, Hangzhou, China
2008 – 2011	Ministerial Superannuation Advisory Committee, Canberra
2008 – 2009	Australia’s Future Tax System (Henry Review), Panellist, Canberra
2008 – 2010	Visiting Scholar, Wharton School, University of Pennsylvania
2009 – 2011	Panel member, ARC College of Experts
2010 – 2011	Member, Productivity and Prosperity Panel
2012	Member, Australian Law Reform Commission Advisory Committee, Barriers to Mature Labour Force Participation Enquiry

RESEARCH:

Major Fields: Economics of Pensions, Retirement, and Ageing; Public Finance; Computable General Equilibrium.

Publications

Books etc.

1 Revisiting Retirement Payouts (edited with Olivia Mitchell and Noriyuki Takayama), Oxford University Press, 2011.

2 Pension Fund Governance in the Global Economy (edited with John Evans and Michael Orszag), Edward Elgar, 2008.

3 Forced Saving: Mandating Private Retirement Incomes (with Hazel Bateman and Geoffrey Kingston), Cambridge University Press, 2001, 254 pages.

4 International Trade Policy and the Pacific Rim (edited with Alan Woodland), IEA Inaugural Australian Roundtable Conference Proceedings, Sydney, July 1996; Macmillan, London, 1999.

5 Private Pensions in OECD Countries - Australia (with Hazel Bateman), Labour Market and Social policy Occasional Papers, No 23, OECD, Paris, 1997, 128 pages.

6 Empirical Economics, Special issue on Applied General Equilibrium, (edited with John Whalley), 16, March, 1991. Also published as Applied General Equilibrium, Physica Verlag, Heidelberg, 1991.

7 New Developments in Applied General Equilibrium Analysis (edited with John Whalley), Cambridge University Press, New York, 1985. The volume is based on papers presented to an international conference on numerical micro-models, Australian National University, August, 1983. Reissued by CUP, 2008.

8 UK Tax Policy and Applied General Equilibrium Analysis, (with John Whalley), Cambridge University Press, New York, 1985, 345 pages. Reissued by CUP, 2009.

Published Articles

9 "Retirement Income" (with Hazel Bateman and Rafal Chomik), to appear in O-Loughlin, K., C. Browning, and H. Kendig (eds.), Ageing in Australia: Challenges and Opportunities, Springer.

10 "Meeting the Migrant Pension Challenge in China" (with Lu Bei), CESifo Econmic Studies, forthcoming

11 "Should China Introduce a Social Pension?" (with Lu Bei and He Wenjiong), Journal of the Economics of Aging, forthcoming.

12 "Elderly Support Policies as Resource Contingent Loans" (with Rafal Chomik), in Chapman B. and Stiglitz, J. (eds), Income Contingent Loans, Macmillan, forthcoming.

13 "Public Sector Pension Funds in Australia: Longevity Selection and Liabilities" (with Joelle Fong and Michael Sherris), Journal of Risk and Insurance, forthcoming, doi: 10.1111/j.1539-6975.2013.12005.x

14 "Does Retirement Age Impact Mortality?" (with Erik Hernaes, Simen Markussen and Ola Verstag), Journal of Health Economics, 32, 3, May 2013, 586-598.

15 "Individual post-retirement longevity risk management under systematic mortality risk" (with Katja Hanewald and Michael Sherris). Insurance Mathematics and Economics 52 (2013), 87-97 DOI information: 10.1016/j.insmatheco.2012.11.002

16 "Pensions, Ageing and Retirement in Australia: Long term Projections and Policies" (with Raf Chomik). Australian Economic Review, 45, 3, September 2012, 350-361. DOI: 10.1111/j.1467-8462.2012.00696.x

17 "Demographic Shift and Financial Markets in APEC: New-age solutions to age-old challenges" (with Renuka Sane), Asia-Pacific Journal of Risk and Insurance, Volume 6, 1, 2012. ISSN (Online) 2153-3792, DOI: 10.1515/2153-3792.1053.

18 "Civil Services and Military Retirement Income Provision in Australia" (with Hazel Bateman), in Takayama, N.(ed.), Reforming Pensions for Civil and Military Servants, Maruzen Publishing, Tokyo, 2011, 29-54

19 "Turning Wealth into Lifetime Income: The Challenge Ahead" (with Olivia Mitchell), in Mitchell, Olivia et al (eds.), Revisiting Retirement Payouts, Oxford University Press, 2011, 1-12.

20 "Occupational Pensions, Tenure, and Taxes" (with Erik Hernaes, Tse Zhang and Steinar Strom). Journal of Pension Economics and Finance, 10, 3, 2011, 435-456

21 "Too Much Risk to Insure: the Australian (non-) Market for Life Annuities" (with Hazel Bateman) , in Mitchell, Olivia *et al* (eds.), Revisiting Retirement Payouts, Oxford University Press, 2011, 81-105.

22 "Social Resilience, Means-testing, and Capital Taxation – Refections on Economic Paradigms" (with Cagri Kumru), in Towarda a More Resilient Society: Lessons from Economic Crises, The Japan Institute of Ecoomic Affairs, Tokyo, 2010, 45-56.

23 "Incentive Effects of Retirement Income Subsidies" (with Sergi Jimenez and David Robalino), in Robert Holzmann, David A. Robalino, and Noriyuki Takayama (eds.), Closing the Coverage Gap, World Bank, Washington DC: 2009, 125-148.

24 "Labour force participation of older workers in Australia and Japan: A tale of two pension systems" (with Hazel Bateman), in Jenny Corbett, Anne Daly, Hisakazu Matsushige and Dehne Taylor (eds.), Labour Market Reform in the Twenty-first century: Laggards and Leaders, Routledge: 2009, 157-179

25 "Securitization of Longevity Risk in Reverse Mortgages" (with Emil Valdez and Liang Wang). North American Actuarial Journal: 12, 4, 2008, 345-371

26 "Notional Defined Contribution Pensions and Public Reserve Funds in Ageing Economies" (with Bei Lu and Olivia Mitchell), International Social Security Review, Vol. 61, No. 4, 2008, 1-23.

27 "An Empirical Analysis of Patterns in the Japanese Long-Term Care Insurance System" (with Olivia Mitchell and Satoshi Shimizutani). Geneva Papers on Risk and Insurance, 33, 2008, 694-709.

28 "Managing Public Investment Funds: Best Practices and New Questions" (with Olivia Mitchell and Cagri Kumru), Journal of Pension Economics and Finance, 7, 3, 2008, 321-356.

29 "Trustee Perceptions of their Role and Effectiveness: The Australian Case" (with Michael Orszag.) In John Evans, Michael Orszag and John Piggott (eds), Pension Fund Governance in a Global Economy, Edward Elgar, 2008, 200-219.

30 "Introduction" (with John Evans and Michael Orszag). In John Evans, Michael Orszag and John Piggott (eds), Pension Fund Governance in a Global Economy, Edward Elgar, 2008, 1-5.

31 "Explaining Low Annuity Demand: An Optimal Portfolio Application to Japan" (with Sachi Purcal), Journal of Risk and Insurance, 2008, 75, 2, 493-516.

32 "Demographic Shift and Financial Risk" (with Olivia Mitchell, Michael Sherris, and Shaun Yow). Third Conference of the Monetary Stability Foundation, Challenges to the Financial System – Ageing and Low Growth. 2007, 99-109.

33 "SGL Adequacy and Retirement: Longevity and Economic Impacts" (with John Evans), JASSA, 1, Autumn 2007, 22-24.

34 "Demand and Adverse Selection in a Pooled Annuity Fund" (with Emil Valdez and Liang Wang). Insurance, Mathematics, and Economics, 2006, 39, 251-266.

35 "Socially Targeted Pension Fund Investment for Pension Stakeholders in Japan" (with Henry Hongbo Jin and Olivia Mitchell), Pacific Basin Journal of Finance, 14, 5, 2006, 427-38.

36 "Financial Innovations for an Aging World" (with Olivia Mitchell, Michael Sherris, and Shaun Yow), in Kent, C., Park, A. and Rees, D., Demography and Financial Markets. Reserve Bank of Australia, 2006, 299-336.

37 "The Structure and Performance of Mandated Pension Funds" (with Adam Creighton), in Gordon Clark, Alicia Munnell and Michael Orszag (editors), The Oxford Handbook of Pensions and Retirement Income, Oxford University Press, 2006, 241-267.

38 "Longevity Insurance – a Missing Market" (with Adam Creighton, Henry Jin and Emil Valdez). Singapore Economic Review, 50, 1, 2006, 471-436.

39 "Aged-Care Support in Japan: Perspectives and Challenges" (with Olivia Mitchell and Satoshi Shimizutani), Benefits Quarterly, First quarter 2006, 7-18.

40 "The Simple Analytics of a Pooled Annuity Fund" (with Emiliano Valdez and Bettina Detzel), Journal of Risk and Insurance, 72, 3, September 2005, 497-520.

41 "Retirement provision: accumulations, security, and insurance" (with Sachi Purcal and Matthew Williams), in Toshiaki Tachibanaki (ed.), The Economics of Social Security in Japan, Edward Elgar, 2004, 202-218.

42 "Annuity Values in Defined Contribution Retirement Systems: Singapore and Australia Compared" (with Suzanne Doyle and Olivia Mitchell). Australian Economic Review, December 2004, 402-416.

43 "Unlocking housing equity in Japan"(with Olivia Mitchell). Journal of the Japanese and International Economies, 18, 4, December 2004, 466-505.

44 "The Australian Approach to Retirement Income Provision" (with Hazel Bateman), in N Takayama (ed), Taste of Pie: Seeking Better Pension Provisions in the Developed Countries, Maruzen Book Co Ltd, Tokyo, 2003, 3-30

45 "Integrating Payouts: Annuity Design and Public Pension Benefits in Mandatory Defined Contribution Plans" (with Suzanne Doyle), in Olivia Mitchell and Kent Smetters (eds.), The Pension Challenge: Risk Transfers and Retirement Income Security, Oxford: Oxford University Press, 2003, 89-101.

46 "Private Mandatory Retirement Provision: Design and Implementation Challenges" (with Hazel Bateman and Suzanne Doyle), in Toshihoro Ihori and Toshiaki Tachibanaki (eds.), Social Security Reform in Advanced Countries, Routledge, London, 2002, 81-112.

47 "Asset Rich and Cash Poor in Singapore? Retirement Provision in a National Defined Contribution Pension Fund" (with David McCarthy and Olivia Mitchell), Journal of Pension Economics and Finance, 1 (3) November 2002, 197-222.

48 "VAT Base Broadening, the Informal Sector, and Self Supply" (with John Whalley), American Economic Review, 91, 4, pp. 1084-1094, September 2001.

49 "Developments in Retirement Provision:Global Trends and Lessons from Australia and the US" (with Olivia Mitchell), in Diane Olsberg (ed.), Ageing and Active, Centre for Research on Ageing and Retirement, University of New South Wales, 2000, 8-15.

50 "Growing Old Gracefully: Age-phasing, Targets, and Saving Rules" (with Tracey McNaughton and Sachi Purcal), Journal of Private Portfolio Management, 2, 4, Spring 2000, 20-25.

51 "Mandatory Annuity Design: A Preliminary Study" (with Suzanne Doyle), Society of Actuaries, Retirement Needs Framework, SOA Monograph M-RS00-1, Society of Actuaries, Illinois, 2000, 43-54.

52 “The Costs of the Superannuation Surcharge” (with Hazel Bateman), Information paper No 66, Committee for Economic Development of Australia (CEDA), October 1999.

53 “Taxing Super” (with Suzanne Doyle and Geoffrey Kingston), Australian Economic Review, 32, 3, September 1999, 207-218.

54 “Mandating Retirement Provision: The Australian Experience” (with Hazel Bateman), Geneva Papers on Risk and Insurance, 1999, vol. 24, no. 1, January, 95-113.

55 “Introduction”, in John Piggott and Alan Woodland (eds), International Trade Policy and the Pacific Rim, Macmillan, London, 1999, xviii-xxxv.

56 "The Geometry of Life Annuities", (with Geoffrey Kingston), The Manchester School, 67, 2, March 1999, 187-191.

57 “Mandatory Retirement Saving in Australia” (with Hazel Bateman), Annals of Public and Co operative Economics, 69, 4, 1998, 547-569.

58 “Which Way Forward? Australia’s Policy for Retirement Incomes”, (with Suzanne Doyle), Economic Papers, June 1998, 57-82.

59 “Analysing Tax Reform Australian Style”, in Abelson, P. (ed.), The Tax Reform Debate: The Economics of the Options, Allan and Unwin, 1998, 28-45.

60 "Mandatory Retirement Saving: Australia and Malaysia Compared", (with Hazel Bateman), in Salvador Valdes-Prieto (ed), The Economics of Pensions, Cambridge University Press, 1997, 318-349.

61 "The Tax Unit and Household Production - A General equilibrium Approach" (with John Whalley), Journal of Political Economy, 104, 2, April 1996, 398-418.

62 "Costing the Job Compact" (with Bruce Chapman), Economic Record, 71, 215, December 1995, 313-28.

63 ”Economic Impacts of Carbon Reduction Schemes: Some General Equilibrium Estimates from a Simple Global Model" (with John Whalley), in Klein, L.R. and Fu-chen Lo (eds), Modelling Global Change, United Nations University Press, Tokyo, 1995, 270-285.

64 "Equity, Efficiency and the Superannuation Guarantee" (with Geoffrey Kingston and Hazel Bateman) in Knox, D. (ed), Superannuation Contemporary Issues, Longman Professional, 1994, 40-53.

65 "The Equity Implications of Mandated Funded Pension Schemes" (with Hazel Bateman and Geoffrey Kingston) in Creedy, J. (ed), Taxation, Poverty, and Income Distribution, Edward Elgar, 1994, 163-174.

66 "A Ricardian Equivalence Theorem for the Taxation of Pension Funds" (with Geoffrey Kingston), Economics Letters, 42, 1993, 399-403.

67 "How large are the incentives for sub-global carbon reduction initiatives?" (with John Whalley and Randy Wigle), Journal of Policy Modelling, V.15, Nos. 5 and 6, 1993, 473-490.

68 "Taxation, Retirement Transfers and Annuities" (with Hazel Bateman and Geoff Kingston), Economic Record, 69, 206, Sept. 1993, 274-84.

69 "Policies Towards International Environmental Issues" (with Craig Cooper), in Thampapillai, D. Taxation and the Environment, Australian Tax Research Foundation, 1993, Ch. 8.

70 "Australia's Mandated Private Retirement Income Scheme - An Economic Perspective" (with Hazel Bateman), in Retirement Income Perspectives, Background Paper No. 30, Economic Planning Advisory Council, Australian Government Printing Service, Canberra, July 1993.

71 "Setting the Scene", in Superannuation and Retirement Income, CEDA, 1992, Chapter 1.

72 "The Superannuation Guarantee Charge: What Do we Know About its Aggregate Impact?" (with Hazel Bateman), in Economic and Social Consequences of Australia's Ageing Population, EPAC Background Paper No. 23, 1992, 41-55.

73 "The Consumption Tax: A Brief Analytic Overview from an Australian Policy Perspective", Growth, 1992, August, 25-40.

74 "Customized Investment Strategies for Accumulation Superannuation" (with Hazel Bateman and Geoff Kingston), in Davis, K. and I. Harper (eds), Superannuation and the Australian Financial System, Allen and Unwin, 1992, 139-156.

75 "Australian Retirement Income Policy" (with Hazel Bateman), Australian Tax Forum, 1992, 1, 1-26.

76 "International Linkages and Carbon Reduction Initiatives", (with John Whalley and Randy Wigle), in Anderson, K. and R. Blackhurst (eds), The Greening of World Trade Issues, Harvester Wheatsheaf and University of Michigan Press, 1992, Ch. 6.

77 "Demographics, Retirement Saving and Superannuation Policy - An Australian Perspective", (with Hazel Bateman, Jack Frisch, and Geoff Kingston), in Stemp, P. (ed.), Saving and Policy (Canberra, Centre for Economic Policy Research, Australian National University, 1991), 193-227.

78 "Public Good Provision Rules and Income Distribution - some general equilibrium calculations" (with John Whalley), Empirical Economics, 1991, 16, 25-33.

79 "Linear Taxes, Public Goods, and Balanced Budget Incidence - Some Numerical Stimulations", in Head, J. and R. Krever (eds.), Flattening the Tax Rate Scale, Longman Professional, 1990, 321-336.

80 "Overinvestment in Housing?", in Housing Cost and Supply, Housing Industry Association, Sydney, 1989, 39-48.

81 "Wealth Taxation for Australia?", Australian Tax Forum, 1989, 6, 327-346

82 "Evaluating Tax Reforms - Do Numerical Estimates Help?", in Head, J. (ed.), *Australian* Tax Reform - Retrospect and Prospect, Australian Tax Research Foundation, Sydney, 1989, 431-444.

83 "The Distribution of Wealth: What is it, What does it mean, and is it important?", Australian Economic Review, 1988, 3, 35-41.

84 "General Equilibrium Computation applied to Public Sector Issues", in Hare, P., (ed.), Surveys in Public Sector Economics, Basil Blackwell, Oxford, 1988, 247-297.

85 "A Microeconometric Model of the Demand for Health Insurance and Health Care in Australia", (with Colin Cameron, Pravin Trivedi and Frank Milne), Review of Economic Studies; LV, 1, February 1988, 85-106.

86 "Statistical Incidence Studies: An Economic Perspective", in Saunders, P. (ed.), Redistribution and the Welfare State: Estimating the Effects of Government Benefits

<u>and Taxes on Household Income</u>, Social Welfare Research Centre, Reports and Proceedings, No. 67, August 1987.

87 "Interpreting net fiscal incidence calculations", <u>Review of Economics and Statistics,</u> November 1987, 685-694 (with John Whalley).

88 "Privatization and Public Economics - Some Neglected Issues", in Abelson P. (ed.), <u>Privatization: An Australian Perspective</u>, A.P.P., Sydney, 1987, 108-119.

89 "The Nation's Private Wealth - Some New Calculations for Australia", <u>Economic Record</u>, March 1987, 63, 61-79.

90 "Privatization Policies and Public Enterprise - a Survey", *Economic Record*, June 1986, 62, 145-162 (with Simon Domberger). Reprinted in Bishop, M., John Kay and Colin Mayer (eds), <u>Privatization and Economic Performance</u>, Oxford University Press, 1994, pp.32-61.

91 "The Economic Effects of Changing the Tax Mix: Some Preliminary Results from an Applied General Equilibrium Model of the Australian Economy and Public Sector", in Head J.E. (ed.), <u>Changing the Tax Mix</u>, Australian Tax Research Foundation, 1986, 95-114.

92 "Introduction", in Piggott and Whalley (eds.), 1985, 1-24.

93 "The Welfare Costs of Owner Occupier Housing Subsidies: Inflation, Tax Treatment and Interest Rate Regulation", <u>Australian Economic Papers</u>, December 1984, 23, 43, 206-218 (with Robert Albon and Christopher Findlay).

94 "The Distribution of Wealth in Australia - A Survey", <u>Economic Record</u>, September 1984, 60, 170, 252-265.

95 "The Value of Tenant Benefits from UK Council Housing Subsidies", <u>Economic Journal</u>, June 1984, 94, 384-389.

96 "Wealth Tax Reform in Australia", <u>Growth</u>, July 1984, 55-67.

97 "The Demand for Health Insurance and Health Care in Australia: A Progress Report", in Tatchell, P.M. (ed.), <u>Economics and Health, 1983</u>, Technical Paper 8, Health Economics Research Unit, Australian National University, Canberra, 1984, 58-89 (with Colin Cameron, Frank Milne and Pravin Trivedi).

98 "Some Aspects of the Campbell Committee's Case for Housing Finance Deregulation", <u>Economic Papers</u>, 1983, Special Edition, 38-51 (with Robert Albon).

99 "Some General Equilibrium Implications of Tax Substitutions: A Preliminary Numerical Assessment for Australia", in John Head (ed.), <u>Taxation Issues of the 1980's</u>, Australian Tax Research Foundation, 1983, 209-229.

100 "Housing Interest Rate Deregulation and the Campbell Report" (with Robert Albon),. <u>Economic Record,</u> March 1983, 80-87

101 "The Microeconomic Effects of Tax-Inflation Interactions: General Equilibrium Estimates for Australia", in Pagan, A. and P.K. Trivedi (eds.), <u>The Effects of Inflation - Theoretical Issues and Australian Evidence</u>, Centre for Economic Policy Research, Australian National University, 1983, 137-182.

102 "The Social Marginal Valuation of Income - Australian Estimates from Government Behaviour", <u>Economic Record</u>, 1982, March, 92-99.

103 "General Equilibrium with Public Production and Public Provision: Computation, and Results for the UK Case", Zeitschrift fur Nationalokonomie, 1982, Supp.2, 1-26 (with John Whalley).

104 "A Summary of Some Findings from a General Equilibrium Tax Model of the U.K." (with John Whalley), Journal of Monetary Economics, Vol. 14, 1981, 153-199.

105 "Welfare Loss Estimates from Homeowner Tax Preferences: Inflation, Mortgage Interest Deductibility, and Capital Gains Treatment" (with John Whalley), Economics Letters, 1980, 6, 357-365

106 "General Equilibrium Analysis of Taxation Policy", in S.M. Robinson (ed.) Analysis and Computation of Fixed Points, Academic Press (New York), 1979, 183-195 (with John Whalley).

107 "General Equilibrium Investigations of UK Tax Subsidy Policy - A Progress Report". Paper presented at the AUTE Conference, Edinburgh, April 1976 and published in the Conference proceedings, edited by J.M. Artis and A.R. Nobay (with John Whalley).

Comments etc.

"Reply to Gottfried and Richter and Apps and Rees" (with John Whalley), *Journal of Political Economy*, 107, 2, April 1999, 410-418.

"Comment" in Feldstein M. (ed) *Privatizing Social Security*, University of Chicago Press, 1998, pp. 89-96.

Current Manuscripts

Submitted papers

"Should Public Retirement Provision be Means-tested?" (with Cagri Kumru)

"Optimal Capital Income Taxation with Means-tested Benefits" (with Cagri Kumru)

"Do unanticipated financial incentives impact elderly residential mobility and trade-downs?" (with Renuka Sane)

Working Papers

"Labour mobility, Pension mobility and the Lack of lock-in Effects" (with Erik Hernaes)

Current Research

Supporting Intergenerational Solidarity (Ed Whitehouse)

Impact of Changing Smoking Behaviour on Mortality Projections (John Evans, Henry Jin)

Taxing Retirement Income (Bateman)

Elsevier Handbook of Population Aging (Woodland)

- Population Aging and Taxation (Woodland)
- Earnings Related Pensions and population Aging (Mitchell)

Resource Testing and Temptation (Kumru)

US-Australia Comparisons of retirement provision (Chomik)

Means-testing (Chomik)

Unpublished Research

"Indexing Pensions" (with Renuka Sane). SP Discussion Paper 0925, World Bank, December 2009.

"Demographic Shift and its Implications", Background paper prepared for the New South Wales, Ageing 2030 conference, Sydney, October 30 2007.

"Income Tax Design and the Desirability of Subsidies to Secondary Workers in a Household Model with Joint and Non-Joint Time" (with Edgar Cudmore and John Whalley), National Bureau of Economic Research *Working Paper 13503*, October 2007

"Actuarial Economics" (with Michael Orszag), Presented as a keynote address, International Actuarial Association Conference, November 2004, Sydney

"Australia's mandatory retirement saving policy: a view from the new millenium" (with Hazel Bateman), World Bank Pensions Primer (published 2001): http://wbln0018.worldbank.org/hdnet\hddocs.nsf...

"Mandatory annuity design in developing countries" (with Suzanne Doyle), World Bank Pensions Primer (published 2001): http://wbln0018.worldbank.org/hdnet\hddocs.nsf...

Major Research Awards

Department of Foreign Affairs and Trade, ACC, Intra-Household Transfers in China (with Magnani, Lu), $44,000, 2013

ARC Australian Professorial Fellow, 2011 – 2015, $400,000.

ARC Centre of Excellence in Population Ageing Research, 2011 – 2017. Centre director. Eight chief investigators and 6 partner investigators. $12.7 million plus collaborating and partner organisation support. Additional funding of $1.25 million awarded 2011.

ARC 2011-2012: Developing sustainable retirement policy in a Chinese province: the case of Zhejiang; $137,400 plus industry support.

ARC 2008-2012: "Managing Longevity Risk: Quantification and Implications for Products, Markets, Risk Management and Solvency" (with Sherris, Evans, Kim; Valdez; Mitchell; Hernaes); $1,289,945 plus industry support

Economic and Social Research Institute (ESRI), Cabinet Office, Japan, 2007-2008: "Intergenerational Issues in Managing Future Fund Reserves" (with Mitchell); JPY6,500,000.

ARC 2007-2010 Linkage (with Department of Family and Community Services and Indegnous Affairs): An Integrated Approach to the Timing of Retirement: Life Cycle, Labour Force Heterogeneity, Financial Status and Public Support (with Barrett, Woodland, Gregory); $640,000 plus industry support.

ARC/NHMRC 2006-2010: Ageing Well Ageing Productively (AWAP) Program: "Working Longer: Policy Reforms and Practice Innovations" (with Bohle, Choi, McDonald, Woodland); $2,000,000.

Economic and Social Research Institute (ESRI), Cabinet Office, Japan, 2006-2007: "Integrating Social Security and Aged Care**:** Implications for Japan." (with Mitchell); JPY7,000,000.

ARC 2005-2007: "Economic, environmental and social psychological evaluation of Senior Living alternatives in Australia" (with Kennedy, Bohle, and Earl); $1,072,000.

Economic and Social Research Institute (ESRI), Cabinet Office, Japan, 2005-2006: "Notional Defined Contribution Plans, Population Ageing, and Pension Fund Reserves: Implications for Policy." (with Mitchell); JPY10,400,000.

ARC 2004-2006 Discovery: Retirement asset decumulation: Adequacy, institutions and products (with Valdez and Mitchell); $285,000.

Economic and Social Research Institute (ESRI), Cabinet Office, Japan, 2004-2005: Socially Targeted Pension Fund Investments for Pension Stakeholders (with Mitchell); JPY13,000,000

Zhejiang Province, China: 2003-2004: "Pension reform in Zhejiang province" (with Lu Bei); $20,000.

Economic and Social Research Institute (ESRI), Cabinet Office, Japan, 2003-2004: "Financial Innovation and Life Cycle Asset Allocation" (with Mitchell); JPY18,000,000.

ARC 2002-2004 Linkage (with Department of Family and Community Services): The Labour Supply and Savings Behaviour of Older Australians: Behavioural and Policy Impacts. (with Barrett and Woodland); $700,000.

Economic and Social Research Institute (ESRI), Cabinet Office, Japan, 2002-2003: "Reverse mortgages and the role of housing as a retirement asset" (with Mitchell); JPY18,000,000.

ARC 2002-2004 Discovery: The Demand and Supply of Retirement Provision. (with Bateman, Morita, Purcal, Mitchell, Whalley); $220,000.

Economic and Social Research Institute (ESRI), Cabinet Office, Japan, 2000-2002: How much is enough for retirement provision; $170,000.

ARC 1999-2001: The Economic Analysis of Pension Policy and Retirement in Asia, (with Kingston); $156,000.

ARC 1997: Pension Reform in Asia, $6,500.

ARC Collaborative Grant (with AMP) 1996-98: Economic aspects of superannuation (with Kingston); $411,000.

ARC 1994-96: Economic aspects of private pension policy (with Kingston); $199,000.

ARC 1992-93: Economic impacts of carbon reduction initiatives, $20,000.

ARC 1991-93: Economic aspects of private pension policy (with Kingston); $139,000.

UNSW 1990: Economic aspects of Australian private pension policy, $4,500.

ARC 1987-90: Applied general equilibrium analysis of government policy, $75,000. Extended to end 1990.

Commonwealth Department of Health 1983-84: Demand for health insurance in Australia. (Frank Milne and Pravin Trivedi were co-investigators), $20,000.

ARGC 1981-86: General equilibrium analysis of government policies, app. $80,000.

Reserve Bank of Australia 1980-82: Applied general equilibrium analysis of Australian taxation policy, app. $50,000.

TEACHING:

(* denotes new course)

University of Western Ontario

Principles of Economics, Public Sector Economics

University of Adelaide

Economic Statistics, Applied Welfare Analysis, Intermediate Microeconomics, Public Finance*

Australian National University

Intermediate Micro and Macro Economics, Advanced Public Finance, Public Policy, Income Distribution and Inequality*

University of Sydney

Intermediate Microeconomics, Graduate Microeconomics*, Graduate Public Finance*

University of New South Wales

Undergraduate and graduate courses in Microeconomics, Public Finance, and Economic Policy

Graduate Research Supervision since 1996

John Ablett, *Generational Accounting and Private Intergenerational Accounting: an Australian Perspective* (degree awarded April 1996).

Bruce Bradbury, *Economic Indices of Relative Need* (degree awarded October 1997).

Hazel Bateman, *Economic Aspects of Mandated National Retirement Income Schemes* (degree awarded April 1998).

Tracey MacNaughton, *Member investment choice in a mandatory retirement saving system* (degree awarded 2001).

Sachi Purcal,, *Growing Old Gracefully*, (degree awarded April 2004).

Suzanne Doyle, *Retirement Income Streams in a Mandatory Retirement Provision Context* (degree awarded March 2008)

Lu Bei, *Issues in China's Pension reform initiatives* (degree awarded December 2008).

Yi Xin, *Intergenerational analysis of pension reform in China* (degree awarded December 2008).

Jun Feng, *Developing a Reverse Mortgage Market in China* (degree awarded March 2009).

Hong Bo Jin, *Finanncing Retirement: Two issues in Private Risk* (degree awarded March 2012).

Renuka Sane, *Three Essays in Pension and Retirement Economics* (degree awarded December 2010)

Natalia Garabato, *Financial Literacy and Pension Choice* (supervision commenced March 2009)

Natalia Aranco, *Assessing the evolution of the education-mortality link across countries* (supervision commenced March 2010).

OTHER PROFESSIONAL ACTIVITIES:

Current editorial board appointments:

Journal of Pension Economics and Finance: Book Review Editor
Journal of the Ecoomics of Aging: Associate Editor
Journal of Retirement: Advisory Board

Conference etc involvement (presentations only) since 2003:

American Economic Association, *Risk Transfers and Retirement Income Security*, January 2003, Washington DC

Economic and Social Research Institute, Japan, *Collaboration conference on Macro issues*, February 2003, Tokyo

Economic and Social Research Institute, Japan: "The System for Security Economic Stability for Seniors and the Improvement of Housing in Japan", September 2003, Tokyo

Contractual Saving Conference, World Bank, November 2003, Washington DC

TRIO (NBER/CPER/TCER) conference, *Financing Retirement*, December 2003, Tokyo

Economic and Social Research Institute, Japan, *Collaboration conference on Japanese economic issues*, February 2004, Tokyo

Watson Wyatt Lecture, Cass Business School, City University, March 2004, London

University of New South Wales, *Superannuation Colloquium*, Centre for Pensions and Superannuation, organiser, July 2004, Sydney

Keynote speaker, International Actuarial Association Conference, November 2004, Sydney

Expert Advisory Group, ADB/NewSouthGlobal Project, Pension Reform in India, 2004 – 2005

Expert Advisory Group, ADB, Civil Service Pension Reform in India, 2005 – 2006

Economic and Social Research Institute, Japan, *Collaboration conference on Japanese economic issues*, February 2005, Tokyo

World Bank, Workshop on Developing NBFIs in Indonesia, March 2005, Jakarta

APEC Future Economics Leaders Think Tank, Lowy Institute, June 2005, Sydney

Zhejiang conference on Pension Reform, July 2005, Hangzhou

Distinguished Lecture, *Longevity Insurance – a Missing Market?* Singapore Economic Research Conference, August 2005, Singapore

International Commentator, RIETI Conference on Japan's Pension reform of 2004, December 2005, Tokyo

Economic and Social Research Institute, Japan, *Collaboration conference on Japanese economic issues*, February 2006, Tokyo

Deloitte Summit Panelist, May 2006, Athens

Invited speaker, Third conference of the Monetary Stability Foundation, Bundesbank, July 2006, Frankfurt

Reserve Bank of Australia, G20 meetings, "Financial Innovations for an Aging World", July 24-25 2006, Sydney.

Korea Securites Research Institute, *Population Aging and Capital Markets in Developing Countries*, November 6-7 2006, Seoul.

Economic and Social Research Institute, Japan, *Collaboration conference on Japanese economic issues*, March 2007, Tokyo

Zhejiang University, Hangzhou, invited lecture, *Resourcing Retirement in the 21st Century*, May 2007

ERSTE Foundation, Prague, *Aging Populations and Financial Markets*: Expert Workshop, June 2007

ANU, *Australian and Japanese Labour Markets Conpared: Different Roads to Reform*, July 2007

APEC Pensions and Annuities Seminar, *"Retirement Policies, Annuities, and Longevity Insurance in Australia"*, Singapore, November 2007

World Bank/Hitotsubashi Institute of Economic Research Workshop, *Closing the Coverage: Gap: The Role of Social Pensions*, Tokyo, February 2008

Economic and Social Research Institute, Japan, *Collaboration conference on Japanese economic issues*, Tokyo, March 2008

World Bank, Contractual Savings Conference, Annuities in Emerging Economies, Washington DC, April 2008

APEC-IMF High Level Seminar, *"Ageing and Financial Markets"*. Seoul, May 2008.

CPS Superannuation Colloquium, *Managing Public Investment Funds*, Sydney, July 2008

APRIA conference, Plenary session speaker, "Living Longer: Products, Problems, Possibilities", Sydney, July 2008

CERP Conference, "Notional Defined ontribution Pensions with Public Reserve Funds in Aging Economies: An Application to Japan", Turin, September 2008

SMU Conference, "Silver Security", Singapore, November 2008

Hitotsubashi International Conference on Annuities Markets, Tokyo, January 2009

SMU Conference, "Silver Security", Singapore, November 2009

PECC Conference "An Australian Perspective on Social Resilience under Demographic Shift", Tokyo 4-5 March 2010

OECD Conference on Private pensions, Keynote address. Sydney, November 2010.

Workshop on Civil Service and Military Pension Arrangement in Selected Countries of the Asia-Pacific "Civil Services and Military Retirement Income Provision in Australia" 20-21 January 2011, Tokyo, at Hitotsubashi

ASIC Summer School 21 – 23 February 2011. Sydney. "Retirement Policies, Annuities and Longevity Insurance in Australia"

Centre for Research on Social Inclusion, Macquarie Universty: Missing in Action? Older People and the Social Inclusion Agenda Seminar.. Feb 11 2011 "Social Inclusion and Older People: An Economist's Perspective"

MDC Workshop on Matching Defined Contribution (MDC) Schemes Workshop. Washington DC, June 6 and 7, 2011. Panelist on parameter selection in MDC schemes.

Global Economic Symposium , Kiel: Panelist and Ideas Fair Presenter. October 2011

Ian Castles Roundtable on Social Security and Taxation policy, Lead speaker, Australian National University, Canberra, October 2011

World Pension Summit, “Australia’s Retirement Income Policy”, Amsterdam, November 2011

Annual Netspar Conference, Keynote speaker, Amsterdam, January 2012

Dynamic Evolution of the Pensions World, Kuala Lumpur, April 2012

Inter-Gen10 Conference, “Pensions, Ageing and Retirement in Australia: Long term Projections and Policies”, Canberra, May 2012

First Aging & Social Security International Conference, Keynote speaker, Hangzhou, May 2012

Australian Economists Conference, Population Ageing Forum, “Mature Labour Force Participation”, Melbourne, July 2012

Australian Economic Forum, “Superannnuation Reform”, Sydney, July 2012

Australian Human Rights Commission, Older Workers and Business growth, “Mature Labour force Participation”, September 2012

Australia-Japan Joint Business Conference, “Asia’s Changing Demographic: Challenges and Opportunities”, Sydney, October 2012

FaHCSIA Roundtable, Canberra, October 2012

European Pension Funds Congress, “Prvate Pension Funds in Australia”, Frankfurt, Germany, November 2012

Instituto de Estudos de Saude Suplementer, “Population Ageing in Australia”, Sao Paulo, Brazil, November 2012

International Economics Association Roundtable, Income-contingent loans, “Elderly Support Policies as RCLs”, Bangkok, March 2013

Harvard-Stanford Conference: Economic Aspects of Population Sging in China and India: “Should China Introduce a Basic Social Pension?”, March 7-8 2013, Stanford University

9th Annual Conference on Social Security, on “History, demography and economics in first pillar pension design: the role of means testing”, Keynote address, Hanzhou, August 2013

Hancock Lecture Retirement Income Design with an Ageing Demographic, presented at UNSW and Crawford School, ANU, August-September 2013

CEPAR-Harvard Workshop on Population Aging: Workplace-Linked Pensions for an Aging Demographic (with Olivia Mitchell), Harvard University, September 26-27 2013

Commonwealth Treasury: Retirement Income Design with an Ageing Demographic, Canberra, October 23 2013

CEPAR-South Western University of Finance and Economics joint Workshop “Demographic Shift, Intergenerational Solidarity and Elders’ Care”, “Intergenerational solidarity and Population Ageing: Attitudes in Europe”, Keynote address, December 14 3013, Chengdu

Chinese Academy of the Social Sciences, Yinhua Fund Workshop on Population Aging, “Intergenerational solidarity and Population Ageing: Attitudes in Europe”, December 15, 2013, Beijing.

Other Administration roles at University of New South Wales

Member, Academic Board 1988-89, 1992 –1997, 2005-6.
Environment Education Committee, 1990.
University Qualifications Committee, Promotion to Professor, 1993-1995, 1998-2001.
Centre of Applied Economic Research Advisory Committee, 1995-.
Program Committee, Econometric Society of Australasia Meetings, 2003.
PhD Degree Review Committee 2011
Faculty Appointments, Promotions and Tenure Committees etc.

Major consultancies etc. since 2003

Russian Federation, Ministry of Labor and Social Development, Pension payout design and implementation, 2002-2003.

Zhejiang Province, China: Economic Evaluation of expanding social security to capture non-urban workers, 2003-2005.

World Bank, Implementation strategies for pension payouts in Russia, 2003.
World Bank, Evaluation of WB Pension advice in Asia, 2004.
APEC, Financial markets and demographic change, 2008
Indonesia Pension reform, 2009.
OECD Intergenerational Solidarity, 2010
World bank, Kazakhstan Pension Reform, 2013

Refereeing

American Economic Review, Australian Economic Papers, Australian Economic Review, Australian Social Policy, Econometrica, Economic Analysis and Policy, Economic Journal, Economic Record, Economica, Information Economics and Policy, International Review of Economics and Finance, International Tax and Public Finance, Journal of Development Economics, Journal of Environmental Economics and Management, Journal of Industrial Relations, Journal of Pension Economics and Finance, Journal of Population Economics, Journal of Public Economics, Journal of the Economics of Aging, Oxford Economic Papers, Regional Science and Urban Economics, Review of Economic Studies, Review of Economics and Statistics, World Development, Zeitschrift fur Nationalokonomie.

Australian Research Council (Ozreader [2004 – 2006]; International Expert reader [2007-8); Panel member 2009-2011; Australian Laureate Fellowships Selection Advisory Committee [2014-]); Social Science and Humanities Research Council (Canada); Research Grants Council (RGC) of Hong Kong [2008 –]; The Netherlands Organisation for Scientific Research [2012-]