

CURRICULUM VITAE

December 2008

NAME: John Piggott

CURRENT POSITION: Professor of Economics,
Associate Dean (Research)
Australian School of Business
University of New South Wales.

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PLACE OF BIRTH: Sydney, Australia

MARITAL STATUS: Married, 2 children

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

EMPLOYMENT:

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

Other positions held at UNSW:

Director, Australian Institute of Population Ageing Research (2007 -)
 Director, Capital Markets Co-operative Research Centre Ltd (2006 - 2008)
 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)
 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:

2009 - 2011	Panel member, ARC College of Experts
2008 - 2009	Federal Taxation Review Panel, Canberra
2008 - 2009	Visiting Scholar, Wharton School, University of Pennsylvania
2008 -	Superannuation Advisory Committee, Canberra
2007 -	Visiting Professor, Zhejiang University, Hangzhou, China
2007 -	State representative, Australian Treasury Academic Consultative Panel, Canberra
2005 -	External Fellow, Centre for Policy Evaluation, University of Nottingham

2003 - 2005	Governing Board, Indian Pension Research Foundation
2003 -	Scientific Advisor, Frisch Centre for Applied Economic Research, University of Oslo
1999 -	Research Fellow, Centre for Economic Studies, University of Munich, Germany
1997 - 1999	Adjunct Professor, Centre for Economic Policy Research, Australian National University; Director of CEPR Program in Public Finance
Dec. 1994 – Jan 1995	Visiting Professor, Department of Economics, University of Warwick, Coventry, England
1993 - 1996	Research Affiliate, Research School of Social Sciences, Australian National University
1992 - 1997	Steering Committee, Retirement Income Modelling Task Force, Canberra
April – Aug 1991	Visiting Professor, Department of Economics, University of Konstanz, Germany (Teaching: Computable General Equilibrium)
Jan. – April 1991	Visiting Professor, Department of Economics, University of Western Ontario, London, Canada. (Teaching: Advanced Public Finance)
Jan – June 1990	Visiting Fellow, Department of Economics, Research School of Social Sciences, Australian National University, Canberra.

RESEARCH:

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

Publications

Books etc.

1. Pension Fund Governance in the Global Economy (edited with John Evans and Michael Orszag), Edward Elgar, 2008.
2. Forced Saving: Mandating Private Retirement Incomes (with Hazel Bateman and Geoffrey Kingston), Cambridge University Press, 2001, 254 pages.
3. International Trade Policy and the Pacific Rim (edited with Alan Woodland), IEA Inaugural Australian Roundtable Conference Proceedings, Sydney, July 1996; Macmillan, London, 1999.
4. Private Pensions in OECD Countries - Australia (with Hazel Bateman), Labour Market and Social policy Occasional Papers, No 23, OECD, Paris, 1997, 128 pages.
5. 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.
6. 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.

7. UK Tax Policy and Applied General Equilibrium Analysis, (with John Whalley), Cambridge University Press, New York, 1985, 345 pages. To be reissued by CUP, forthcoming 2009.

Papers unconditionally accepted for publication

8. “Securitization of Longevity Risk in Reverse Mortgages” (with Emil Valdez and Liang Wang). North American Actuarial Journal: forthcoming
9. “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: forthcoming

Published Articles

10. “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.
11. “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.
12. “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.
13. “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.
14. “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.
15. “Explaining Low Annuity Demand: An Optimal Portfolio Application to Japan” (with Sachi Purcal), Journal of Risk and Insurance, 2008, 75, 2, 493-516.
16. “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.
17. “SGL Adequacy and Retirement: Longevity and Economic Impacts” (with John Evans), JASSA, 1, Autumn 2007, 22-24.
18. “Demand and Adverse Selection in a Pooled Annuity Fund” (with Emil Valdez and Liang Wang). Insurance, Mathematics, and Economics, 2006, 39, 251-266.
19. “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.
20. “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.
21. “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.
22. "Longevity Insurance – a Missing Market" (with Adam Creighton, Henry Jin and Emil Valdez). Singapore Economic Review, 50, 1, 2006, 471-436.
 23. "Aged-Care Support in Japan: Perspectives and Challenges" (with Olivia Mitchell and Satoshi Shimizutani), Benefits Quarterly, First quarter 2006, 7-18.
 24. "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.
 25. "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.
 26. "Annuity Values in Defined Contribution Retirement Systems: Singapore and Australia Compared" (with Suzanne Doyle and Olivia Mitchell). Australian Economic Review, December 2004, 402-416.
 27. "Unlocking housing equity in Japan"(with Olivia Mitchell). Journal of the Japanese and International Economies, 18, 4, December 2004, 466-505.
 28. "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
 29. "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.
 30. "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.
 31. "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.
 32. "VAT Base Broadening, the Informal Sector, and Self Supply" (with John Whalley), American Economic Review, 91, 4, pp. 1084-1094, September 2001.
 33. "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.
 34. "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.
 35. "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.
 36. "The Costs of the Superannuation Surcharge" (with Hazel Bateman), Information paper No 66, Committee for Economic Development of Australia (CEDA), October 1999.

37. "Taxing Super" (with Suzanne Doyle and Geoffrey Kingston), Australian Economic Review, 32, 3, September 1999, 207-218.
38. "Mandating Retirement Provision: The Australian Experience" (with Hazel Bateman), Geneva Papers on Risk and Insurance, 1999, vol. 24, no. 1, January, 95-113.
39. "Introduction", in John Piggott and Alan Woodland (eds), International Trade Policy and the Pacific Rim, Macmillan, London, 1999, xviii-xxxv.
40. "The Geometry of Life Annuities", (with Geoffrey Kingston), The Manchester School, 67, 2, March 1999, 187-191.
41. "Mandatory Retirement Saving in Australia" (with Hazel Bateman), Annals of Public and Co operative Economics, 69, 4, 1998, 547-569.
42. "Which Way Forward? Australia's Policy for Retirement Incomes", (with Suzanne Doyle), Economic Papers, June 1998, 57-82.
43. "Analysing Tax Reform Australian Style", in Abelson, P. (ed.), The Tax Reform Debate: The Economics of the Options, Allan and Unwin, 1998, 28-45.
44. "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.
45. "The Tax Unit and Household Production - A General equilibrium Approach" (with John Whalley), Journal of Political Economy, 104, 2, April 1996, 398-418.
46. "Costing the Job Compact" (with Bruce Chapman), Economic Record, 71, 215, December 1995, 313-28.
47. "Economic Impacts of Carbon Reduction Schemes: Some General Equilibrium Estimates from a Simple Global Model" (with John Whalley), in Klein, L.R. and Fuchen Lo (eds), Modelling Global Change, United Nations University Press, Tokyo, 1995, 270-285.
48. "Equity, Efficiency and the Superannuation Guarantee" (with Geoffrey Kingston and Hazel Bateman) in Knox, D. (ed), Superannuation Contemporary Issues, Longman Professional, 1994, 40-53.
49. "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.
50. "A Ricardian Equivalence Theorem for the Taxation of Pension Funds" (with Geoffrey Kingston), Economics Letters, 42, 1993, 399-403.
51. "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.
52. "Taxation, Retirement Transfers and Annuities" (with Hazel Bateman and Geoff Kingston), Economic Record, 69, 206, Sept. 1993, 274-84.
53. "Policies Towards International Environmental Issues" (with Craig Cooper), in Thampapillai, D. Taxation and the Environment, Australian Tax Research Foundation, 1993, Ch. 8.

54. "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.
55. "Setting the Scene", in Superannuation and Retirement Income, CEDA, 1992, Chapter 1.
56. "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.
57. "The Consumption Tax: A Brief Analytic Overview from an Australian Policy Perspective", Growth, 1992, August, 25-40.
58. "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.
59. "Australian Retirement Income Policy" (with Hazel Bateman), Australian Tax Forum, 1992, 1, 1-26.
60. "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.
61. "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.
62. "Public Good Provision Rules and Income Distribution - some general equilibrium calculations" (with John Whalley), Empirical Economics, 1991, 16, 25-33.
63. "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.
64. "Overinvestment in Housing?", in Housing Cost and Supply, Housing Industry Association, Sydney, 1989, 39-48.
65. "Wealth Taxation for Australia?", Australian Tax Forum, 1989, 6, 327-346
66. "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.
67. "The Distribution of Wealth: What is it, What does it mean, and is it important?", Australian Economic Review, 1988, 3, 35-41.
68. "General Equilibrium Computation applied to Public Sector Issues", in Hare, P., (ed.), Surveys in Public Sector Economics, Basil Blackwell, Oxford, 1988, 247-297.
69. "A Microeconomic 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.
70. "Statistical Incidence Studies: An Economic Perspective", in Saunders, P. (ed.), Redistribution and the Welfare State: Estimating the Effects of Government Benefits

- and Taxes on Household Income, Social Welfare Research Centre, Reports and Proceedings, No. 67, August 1987.
71. "Interpreting net fiscal incidence calculations", Review of Economics and Statistics, November 1987, 685-694 (with John Whalley).
 72. "Privatization and Public Economics - Some Neglected Issues", in Abelson P. (ed.), Privatization: An Australian Perspective, A.P.P., Sydney, 1987, 108-119.
 73. "The Nation's Private Wealth - Some New Calculations for Australia", Economic Record, March 1987, 63, 61-79.
 74. "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), Privatization and Economic Performance, Oxford University Press, 1994, pp.32-61.
 75. "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.), Changing the Tax Mix, Australian Tax Research Foundation, 1986, 95-114.
 76. "Introduction", in Piggott and Whalley (eds.), 1985, 1-24.
 77. "The Welfare Costs of Owner Occupier Housing Subsidies: Inflation, Tax Treatment and Interest Rate Regulation", Australian Economic Papers, December 1984, 23, 43, 206-218 (with Robert Albon and Christopher Findlay).
 78. "The Distribution of Wealth in Australia - A Survey", Economic Record, September 1984, 60, 170, 252-265.
 79. "The Value of Tenant Benefits from UK Council Housing Subsidies", Economic Journal, June 1984, 94, 384-389.
 80. "Wealth Tax Reform in Australia", Growth, July 1984, 55-67.
 81. "The Demand for Health Insurance and Health Care in Australia: A Progress Report", in Tatchell, P.M. (ed.), Economics and Health, 1983, Technical Paper 8, Health Economics Research Unit, Australian National University, Canberra, 1984, 58-89 (with Colin Cameron, Frank Milne and Pravin Trivedi).
 82. "Some Aspects of the Campbell Committee's Case for Housing Finance Deregulation", Economic Papers, 1983, Special Edition, 38-51 (with Robert Albon).
 83. "Some General Equilibrium Implications of Tax Substitutions: A Preliminary Numerical Assessment for Australia", in John Head (ed.), Taxation Issues of the 1980's, Australian Tax Research Foundation, 1983, 209-229.
 84. "Housing Interest Rate Deregulation and the Campbell Report" (with Robert Albon), Economic Record, March 1983, 80-87
 85. "The Microeconomic Effects of Tax-Inflation Interactions: General Equilibrium Estimates for Australia", in Pagan, A. and P.K. Trivedi (eds.), The Effects of Inflation - Theoretical Issues and Australian Evidence, Centre for Economic Policy Research, Australian National University, 1983, 137-182.
 86. "The Social Marginal Valuation of Income - Australian Estimates from Government Behaviour", Economic Record, 1982, March, 92-99.

87. "General Equilibrium with Public Production and Public Provision: Computation, and Results for the UK Case", Zeitschrift für Nationalökonomie, 1982, Supp.2, 1-26 (with John Whalley).
88. "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.
89. "Welfare Loss Estimates from Homeowner Tax Preferences: Inflation, Mortgage Interest Deductibility, and Capital Gains Treatment" (with John Whalley), Economics Letters, 1980, 6, 357-365
90. "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).
91. "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.

- "Comment" in Feldstein M. (ed) *Privatizing Social Security*, University of Chicago Press, 1998, pp. 89-96.
- "Comment", in Binh Tran Nam (ed.), *Tax Reform and the GST – An International Perspective*, Prospect Press, 1998, 105-108.
- "Reply to Gottfried and Richter and Apps and Rees" (with John Whalley), *Journal of Political Economy*, 107, 2, April 1999, 410-418.

Web-based publications

- "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...>

Current Manuscripts

Submitted papers

- "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. Under review at International Tax and Public Finance
- "The Determinants of Occupational Pensions" (with Erik Hernaes, Tse Zhang and Steinar Strom). Revised October 2008. Under review at the National Tax Journal
- "Does the Owner-occupied Exemption from the pension means test affect housing choice? Evidence from Australia" (with Renuka Sane), November 2008. Under review at the Journal of Public Economics

Working Papers

- "Residential Transition among the Australian Elderly" (with Renuka Sane), October 2007.

“Demographic Shift and Financial Markets in APEC: New-age solutions to age-old challenges” (with Renuka Sane), May 2008

“Incentive Effects of Retirement Income Subsidies” (with Sergi Jimenez and David Robalino), Revised October 2008.

Recent Unpublished Conference Papers

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

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

Current Research

Population Ageing and the Cost of Living (Valdez)

Pension and Social Security Indexation (Sane)

Efficiency Impacts of Social Pensions (Kumru)

Progressive annuities (Mitchell and Valdez)

The Superannuation Guarantee after 20 years (Bateman). [Under preparation for the *Economic Record* survey series.]

Health surprises and portfolio allocation (Orszag)

Retirement Transitions (Sane)

Longevity reinsurance (Evans)

Financial products to smooth residential transition (Evans)

Ideas and Developments in Pension Economics and Finance (Orszag)

Administrative Costs of Taxation: Bases, Rates and Thresholds (Whalley)

Major Research Awards

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 Indigenous 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* (degree awarded March 2008)

Lu Bei, *Issues in China's Pension reform initiatives* (supervision commenced 2002, part time, submitted July 2008).

Yi Xin, *Intergenerational analysis of pension reform in China* (supervision commenced 2003, submitted July 2008).

Hong Bo Jin, *Stochastic applications in Pension Economics* (supervision commenced 2004, part time).

Renuka Sane, *Three Essays in Pension and Retirement Economics* (supervision commenced 2006).

Jun Feng, *Developing a Reverse Mortgage Market in China* (supervision commenced March 2008)

OTHER PROFESSIONAL ACTIVITIES**Current editorial board appointments:**

Journal of Pension Economics and Finance

The B.E. Journals in Economic Analysis & Policy

Conference etc involvement (presentations only) since 1999:

Central Bank of Sri Lanka/World Bank Conference: *Ageing Population and Social Security Systems*, May 1999, Colombo

University of Melbourne, *Superannuation Colloquium*, July 1999, Melbourne

Kyoto Institute of Economic Research, *Social Security Reforms in Advanced Countries*, September 1999, Tokyo

University of New South Wales, *Economics and Finance of Retirement*, co-organiser, November 1999, Sydney

Centre for Economic Studies, University of Munich, *"Welfare State" workshop*, July 2000, Venice International University, San Servolo

Economic Research Institute, Japan: *First International Forum of the Collaboration Projects*, Osaka, Japan, September 2000, Osaka

Asian Development Bank Institute, *Reforming pension systems in South Asia*, November 2000, New Delhi

Economic and Social Research Institute, Japan: *Second International Forum of the Collaboration Projects*, March 2001, Tokyo

Economic and Social Research Institute, Japan: *Third International Forum of the Collaboration Projects*, September 2001, Tokyo

International Bankers Forum, *First Congress on European Pensions*, February 2002, Munich

Economic and Social Research Institute, Japan: *Fourth International Forum of the Collaboration Projects*, February 2002, Tokyo

University of New South Wales and Initiative for Policy Dialogue, Sydney Workshop on Pension reform in Asia, Centre for Pensions and Superannuation Inaugural Conference, co-organiser, March 2002, Sydney

Pension Research Council, Wharton School, University of Pennsylvania, *Symposium on Risk Transfers and Retirement Income Security*, April 2002, Philadelphia

University of New South Wales, *Superannuation Colloquium*, Centre for Pensions and Superannuation, co-organiser, July 2002, Sydney

Keynote speaker, Japan Pension Research Council, *First Annual Meeting*, September 2002, Tokyo

Keynote speaker, ASRIA annual conference, *Socially Responsible Investment in Asia*, October 2002, Tokyo

Economic and Social Research Institute, and the Brookings Institution, *Small Meeting on Macro issues*, October 2002, Washington DC

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 Compared: 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

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.

FCE Budget Committee, 2005.

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.

Refereeing

American Economic Review, *Australian Economic Papers*, *Australian Economic Review*, *Australian Social Policy*, *Econometrica*, *Economic Analysis and Policy*, *Economic Journal*, *Economic Record*, *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 Public Economics*, *Oxford Economic Papers*, *Regional Science and Urban Economics*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Zeitschrift fur Nationalokonomie*.

Australian Research Council (Ozreader [2004 – 2006]; International Expert reader [2007-8]; Social Science and Humanities Research Council (Canada); Research Grants Council (RGC) of Hong Kong (2008 –)