

## Notes on Contributors

**Jørgen Aasness** is a director of research at the Research Department of Statistics Norway. He has a Ph.D. in economics from the University of Oslo and has published articles in *Econometrica*, *The Econometrics Journal*, *European Economic Review*, and in other international journals and books. His key fields of interest are consumer demand, direct and indirect taxation, inequality of standard of living, policy simulation models, and micro/macro links.

**Annie Abello** is a senior research fellow at the National Centre for Social and Economic Modelling (NATSEM), University of Canberra, Australia. She is interested in issues concerning health and health modelling, the Australian labour market, poverty and inequality. She worked on the development and use of MediSim, a microsimulation model of the Australian pharmaceutical benefits scheme, and is involved in the annual updating of STINMOD.

**Cédric Afssa** is the head of the division “Redistribution et Politiques Sociales” (Redistribution and Social Policies) which is a subunit of the “Département des Etudes Economiques d’Ensemble” (Department of Global Economic Studies) of the French National Statistical Institute (INSEE).

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**Marilyn B. Biviano** is the director of the Division of Clinical Quality in the Bureau of Primary Health Care in the U.S. Health Resources and Services Administration (HRSA), directing the development of clinical quality health outcome performance measures. Previously, she was the director of the National Center for Health Workforce Analysis (National Center) in

HRSA, where she undertook nursing workforce supply, demand and short-age projections as well as many other health workforce studies.

**Laurie Brown** is an associate professor and research director, Health Modelling and Research, NATSEM at the University of Canberra, Australia. Prior to joining NATSEM in September 2001, Laurie worked as a senior lecturer in the School of Geosciences, University of Wollongong and at the Christchurch School of Medicine in New Zealand. Laurie has led a number of NATSEM's health and ageing projects funded by the Australian Research Council and the National Health and Medical Research Council and has recently developed a population projection model for estimating the health and economic benefits of preventing type 2 diabetes.

**Sophie Buffeteau** is a member of the division "Redistribution et Politiques Sociales" (Redistribution and Social Policies) which is a subunit of the "Département des Etudes Economiques d'Ensemble" (Department of Global Economic Studies) of the French National Statistical Institute (INSEE).

**Shih-Foong Chin** joined NATSEM at the University of Canberra, Australia, in June 2004 from Centrelink, where he managed the Regional Microsimulation Modelling Project in close collaboration with NATSEM. Chin completed his Ph.D. at the University of Queensland in quantitative genetics. Since joining NATSEM, Chin has participated in the development of synthetic social and economic microdata for small areas. To date, his work has focused on re-weighting the 1998–1999 ABS Household Expenditures Survey data to the 2001 census data to produce estimates for statistical local areas.

**Adelina Comas-Herrera** is a research fellow at the Personal Services Research Unit at the London School of Economics and Political Science (LSE). Most of her work has been on the investigation of the determinants of future long-term care expenditure, in particular dementia and other health conditions, both for the UK and for other European countries. She has worked on developing a methodology for internationally comparable long-term care expenditure projections and investigating the social care workforce implications of the projected increases in demand for long-term care.

**John K. Dagsvik** is a senior researcher at the Research Department, Statistics Norway. His main research interests include the theory and application of discrete choice modelling, labour supply analysis and stochastic modelling of behavioural relations.

**Timothy M. Dall** is a health economist and a vice president with The Lewin Group. He works with government agencies, professional associations, hospital systems and health plans on health workforce issues related to clinician supply and demand. He completed his undergraduate work at Utah State University and his graduate work in economics at the University of Wisconsin, Madison.

**Robin Darton** is a research fellow in the Personal Social Services Research Unit, at the University of Kent, Canterbury, UK. He has a background in psychology and statistics, and research interests in health and social services provision for elderly people and in methodological issues relating to the design and analysis of studies of health and social care. He has been involved in a number of major surveys of care homes, and is currently working on studies of care homes, home care and extra care housing.

**Maria Evandrou** is professor of gerontology and director of the Centre for Research on Ageing, University of Southampton, UK. Her research interests include inequalities in later life; informal carers, paid employment and resources; and the retirement prospects of future generations of elders, particularly the building and use of different types of policy tools for modelling income, pensions, health, incapacity, demand and supply of formal and informal care among older people in the future.

**Jane Falkingham** is professor of Demography and International Social Policy at the University of Southampton, UK. Her continuing research interests include demographic change and its consequences for the distribution of social and economic welfare; population ageing and social security; the redistributive effect of the welfare state; and the impact of economic transition on living standards within the countries of the Former Soviet Union.

**Dennis F. Fredriksen** is research fellow at the Research Department of Statistics Norway. His main research area has been the development, maintenance and use of the dynamic microsimulation model MOSART, including computer programming.

**Steve Gribble** is currently director of the Social and Economic Analysis and Modeling Division in Statistics Canada. Steve has been active in socio-economic modelling since 1972 and in microsimulation modelling since 1985. His microsimulation projects include SPSD/M, LifePaths and the Modgen microsimulation modelling development environment ([www.statcan.ca/english/spsd](http://www.statcan.ca/english/spsd)).

**Lin Guohong** is the director of the department of economics and management, 359 Military Hospital, Zhenjiang of Jiangsu Province, China. Her research area concentrates on information construction and management of hospitals.

**Anil Gupta** is the founding director of Microsimulation Modelling and Data Analysis group at Health Canada, where he has worked since 1999. For over 20 years, Anil has been on the forefront of popularizing the use of micro-simulation in public policy by building and successfully integrating their use in the policy development process in the areas of taxation and health. He played a pivotal role in major tax policy reforms in Canada. He has worked with Harvard University to develop a summer course on Tax Analysis and Revenue Forecasting where he taught the same during the summers of 1994–2000, and since 2001 at Duke University. He has helped several countries in Asia and Central Europe in building tax analysis and forecasting modelling tools.

**Ruth Hancock** is professor of non-clinical gerontology in the Department of Health and Human Sciences at the University of Essex, UK. Her research interests lie in the social, economic and health policy implications of individual and population ageing; and in the analysis of large-scale household surveys, particularly via micro-simulation, to address issues in the areas of financial provision for later life.

**Ann Harding** is the director of the University of Canberra's NATSEM, established in January 1993, and is professor of applied economics and social policy at the University. For the past 14 years she has spearheaded the development of highly sophisticated microsimulation models and databases within Australia, so that policy makers can gain much better information about the likely distributional impact of current and proposed policies. In 1996 she was elected a fellow of the Academy of the Social Sciences in Australia and in 2003 was elected President of the International Microsimulation Association.

**Chantal Hicks** has worked on various microsimulation projects at Statistics Canada since 1996. She currently manages the Social Policy Simulation Database and Model (SPSD/M). Other microsimulation projects include various infectious disease models as well as LifePaths.

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**Ariadna Juarez-Garcia** is a research fellow at the Health Services Management Centre, University of Birmingham. Her interests are in decision analysis and modelling of health technologies, the economics of primary care and micro-simulation of the financial implications of long term care.

**Vishnu Kapur** is a consultant in the field of microsimulation modelling, actively engaged in the public policy issues concerning social security, taxation and health. Prior to this he was a senior policy analyst at the Department of Finance Canada, where he successfully built a host of microsimulation models in the area of personal income taxation. Later he served as a senior policy advisor with the Microsimulation Modelling and Data Analysis Division at Health Canada. His interests include static and dynamic microsimulation modelling, specifically behavioural aspects of modelling income distribution analysis, poverty analysis and poverty measurement and prescription drug coverage, especially policy issues involved in these analyses.

**Simon Kelly** is an associate professor at the University of Canberra, Australia, and a principal research fellow at NATSEM. He is currently chief investigator for a five-year research project assessing the social and fiscal policy implications of an ageing population. Simon's research interests are population ageing, labour force trends, household wealth and retirement savings.

**Anthony King** was the director of Regional Modelling with the NATSEM at the University of Canberra, Australia. He is currently manager of the Participation Modelling Project in the Australian Treasury.

**Derek King** is a research fellow at the Personal Services Research Unit at the London School of Economics and Political Science (LSE). His areas of

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**Marten Lagergren** is a research director at the Stockholm Gerontology Research Center. He is also Associate Professor at Stockholm University, department of social work, and has a degree in Mathematics from Stockholm University and in Social Medicine from Karolinska Institute, Stockholm. From 1990 - 2000 he was working as Chief Analyst at the Ministry of Health and Social Affairs, Stockholm. At present he is national coordinator of the large longitudinal study SNAC- the Swedish National Study of Aging and Care. He has published many articles on the development of health and care needs of the elderly.

**Urban Lindgren** is an associate professor in human geography at Umeå University, Sweden, where he works as a senior lecturer. He has published in the fields of economic geography, population geography and microsimulation modelling.

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**Mike McCracken** is the founder and CEO of Informetrica Limited, an economic research and information company in Canada. He has built a very large econometric model of the Canadian national and provincial economies (currently over 30,000 equations) and operated it continuously since 1974. His microsimulation work uses existing Canadian tools (e.g. SPSPD/M) in policy applications.

**Richard Morrison** has spent his career designing and building policy models that governments actually use. The best known examples include MAPSIT to calculate benefits and taxes as functions of earnings (32 years of use), SIMTAB to perform cross-sectional microsimulation (26 years of use) and DYNACAN to carry out longitudinal simulation of the Canada Pension Plan (12 years of use).

**Brian Murphy** was an original member of the team that developed Statistics Canada's first microsimulation model in the mid-1980s; the Social Policy Simulation Database and model (SPSD/M). He then managed and developed the SPSPD/M project for ten years before taking on his current role as a Senior Advisor on income distribution and taxation at Statistics Canada. Brian has written various journal articles and papers in his areas of interest that include microsimulation, income inequality, low income, and the distribution of government taxes and transfers.

**Xisco Oliver** is a professor of applied economics at the University of Balearic Island (Spain) where he obtained his PhD in Economics. He has a Master in Applied Economics from the University Pompeu Fabra (Spain). His research has focused on portfolio choice, labour supply and taxation, redistribution of income and social welfare.

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**Linda Pickard** is a research fellow at the Personal Social Services Research Unit (PSSRU) at the London School of Economics (LSE), UK. Linda has worked at the LSE since 1996 on a project concerned with future long-term care demand and finance. Linda is particularly interested in informal or unpaid care for older people and has, in collaboration with colleagues at the LSE and elsewhere, conducted research on projections of informal care in future years in the UK and internationally.

**Chris Raymond** worked as a principal research officer in the Research and Analysis Section of Medicare Australia in Canberra from 2002 to 2006. Currently he is employed in the data and modelling section of the Pharmaceutical Benefits Branch, Commonwealth Department of Health and Ageing in Canberra. He is interested in time series analysis of administrative health data.

**Adam Redpath** is a programme principal, Information Services, National Services, NHS Scotland. Adam Redpath is a health statistician working to develop statistical information and analysis to support the care of the elderly and patients with cardiovascular disease. He trained as a sociologist at the University of Edinburgh, took a research M.Phil. in social policy (also at Edinburgh) and an MSc in health information at the University of Wales. He has worked for the NHS since 1982.

**George Rothman** has a Ph.D. in the physical sciences and over 30 years of experience in planning, analysis and modelling work for the Australian Government. He was a foundation member of the Retirement Income Modelling Task Force established in 1992 and has continued to work in the Treasury successor to that Task Force. He has published numerous papers on the dynamics of Australia's superannuation arrangements. He also contributed to various facets of the Australian Government's first Intergenerational Report and to subsequent long-term studies.

**Geoff Rowe** is a demographer with a Ph.D. from the University of Alberta. He has worked for Statistics Canada for more than 25 years, much of that time devoted to developing statistical models of demographic/socio-economic behaviour using individual level data. Geoff's initial microsimulation experience involved the development of the SPSD/M and he currently heads up the LifePaths project team.

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**Magnus Strömberg** earned a Ph.D. in human geography from Umeå University in 2004. His dissertation analyzes the diffusion of medicine at a distance by means of information technology. Since 2006, Dr Strömberg is a Research Assistant at the Department of Social and Economic Geography, Umeå University. Presently, he is participating in a number of research projects involving large data sets, modeling, and Geographical Information Systems (GIS).

**Ruth Studley** worked as a health statistician within the Welsh Assembly Government, UK. She was responsible for NHS Statistics including both activity and waiting times. She trained as a statistician at the University of Wales, College of Cardiff and recently completed an MSc in Official Statistics from the University of Southampton, UK. More recently, Ruth heads up the team responsible for Information Standards in health and social care at the Welsh Assembly Government.

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**Linc Thurecht** joined NATSEM at the University of Canberra, Australia, in January 2001 having previously worked at the Federal Department of Family and Community Services, where he contributed to the development of the portfolio's budget submissions and led teams with responsibility for forecasting expenditure on income support payments. He holds a bachelor of commerce (honours finance) from the Australian National University and has played a key role in NATSEM's health modelling projects.

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**Agnes Walker** has extensive experience in applied economic and social research. In her recent work concerning Australia's health sector — health insurance, pharmaceuticals, doctors, hospitals — she extensively used modelling as a policy development tool. Agnes was formerly a principal research fellow at NATSEM at the University of Canberra and is currently at the Australian National University.

**Bert Waslander** is a consultant and an associate of Informetrica Limited, an economic research and information company. He has developed parts of the DYNACAN model of the Canada Pension Plan and used the SPSPD/M in various applications. The main focus of his recent work is on the use of micro data to estimate the impacts of social and economic programs on Canadians.

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**Raphael Wittenberg** is a senior research fellow at the PSSRU at LSE, UK. He leads the PSSRU programme of research on the financing of long-term care for older people, which aims to make projections of demand for long-term care for older people and associated expenditure to 2041. Within the programme he has looked at arrangements for financing long-term care in the UK and other countries.

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