

Forum on Healthy Ageing



28 January 2020 10:00am – 4:00pm

UNSW Sydney Lecture Theatre 119, UNSW Business School



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UNSW Ageing
Futures Institute

PROGRAM: 28 JANUARY 2020

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| 10:00 – 10:30 | Arrival and Morning Tea |
| 10:30 – 10:35 | Welcome address and opening remarks John Piggott, Scientia Professor of Economics, CEPAR Director, UNSW Sydney Frederik Anseel, Professor of Management, Associate Dean Research, UNSW Business School |
| 10:35 – 12:35 | THEME 1: CONCEPTS AND MEASUREMENT <i>Chair: John Piggott (CEPAR, UNSW Sydney)</i> Healthy ageing concept and how to measure it John Beard (CEPAR, UNSW Sydney) Healthy ageing: A multi-dimensional perspective contrasting measures of older peoples' abilities against their own experiences Julie Byles (CEPAR, University of Newcastle) Is there a role for subjective health measures? Denzil Fiebig (CEPAR, UNSW Sydney) Modelling health status and functional disability: An actuarial perspective Michael Sherris (CEPAR, UNSW Sydney) |
| 12:35 – 14:00 | Lunch |
| 14:00 – 16:00 | THEME 2: ECONOMIC, ENVIRONMENTAL AND SOCIAL ENABLERS <i>Chair: Alan Woodland (CEPAR, UNSW Sydney)</i> Impact of risk factors during adulthood and older ages on both mortality and disability Alan Lopez (The University of Melbourne) Economic, social and environmental enablers of healthy brain and cognitive ageing Kaarin Anstey (CEPAR, UNSW Sydney) Examining the economics of healthy longevity Brenda Gannon (University of Queensland, CEPAR) Social capital dynamics and healthy ageing Vas Yiengprugsawan (CEPAR, UNSW Sydney) |
| 16:00 | Closing remarks |

SPEAKER BIOS



John Piggott is Director of the ARC Centre of Excellence in Population Ageing Research (CEPAR) and a Scientia Professor of Economics in the UNSW Business School. He has a long-standing interest in retirement and pension economics and finance. His Australian policy experience includes membership of both the Henry Tax Review Panel and the Ministerial Superannuation Advisory Committee. Internationally, he has worked with the Japanese Government on pension and ageing issues; evaluated World Bank assistance on pension reform in the Asian region for the Bank's Operations Evaluation Department; and consulted to several foreign governments on pension issues, including Russia and Indonesia.



Frederik Anseel is Professor of Management and Associate Dean Research at UNSW Business School, Sydney. Previously, he was Vice-Dean Research at King's College London (UK), Head of Department at Ghent University (Belgium) and has held visiting positions at ESSEC Business School (France), Bocconi University (Italy) and University of Groningen (The Netherlands). He currently serves as the President of the European Association of Work and Organizational Psychology and is an elected Fellow of the International Association of Applied Psychology (IAAP). Frederik Anseel studies how individuals can overcome motivational obstacles during the innovation and

entrepreneurial process to "keep their fire burning". His award-winning research has been published in leading management journals and has been featured in public media such as Harvard Business Review, BBC, Science, Nature, Psychology Today, the New York Times, the Wall Street Journal and The Guardian. Apart from his work in academia, he has several years of industry experience by founding and managing two consulting firms, including one university spin-off, The Vigor Unit. Through keynotes, executive education and consultancy, Frederik Anseel contributed to leadership development and performance management initiatives in a variety of industries such as banking, healthcare, consulting, government, energy management, and manufacturing. He has worked with executives in some of the leading business capitals in the world (London, Milan, Berlin, Paris, Amsterdam, Brussels, Sydney).

Healthy ageing concept and how to measure it | John Beard (CEPAR, UNSW Sydney)



John Beard is a Professor in CEPAR at UNSW Sydney. He is a former Director of WHO's Department of Ageing and Life Course, a position he held from 2009 to 2018. During his time at WHO he was also the Director of the Department of Gender, Women and Health from 2010 to 2012. He was a lead writer and editor of the first *World report on ageing and health* (2015), and oversaw the development of the *Global strategy and action plan on ageing and health*, adopted by WHO Member States in May 2016. In 2010, he launched the Global Network of Age-friendly Cities and Communities. John Beard works closely with the World Economic Forum and is a past chair of their Global Agenda Council on Ageing and a current member of the Global Council on the Future of Human Enhancement.

Healthy ageing: A multi-dimensional perspective contrasting measures of older peoples' abilities against their own experiences |

Julie Byles (CEPAR, University of Newcastle)



Professor Julie Byles is the Global Innovation Chair in Responsive Transitions in Health and Ageing at the University of Newcastle, Director of the Priority Research Centre for Generational Health and Ageing, and a Director of the Australian Longitudinal Study on Women's Health. She is a CEPAR Associate Investigator. As a clinical epidemiologist, Julie's interests are in risk determination, health assessment, other health care evaluation, and measurement of health outcomes. As a gerontologist and Fellow of the Australian Association of Gerontology, her research interests in ageing include the role of health services, preventive activities, and treatments in maintaining quality of life for older people, and in determining physical, psychological and social factors associated with optimal physical and mental health of men and women as they age. She is also Head of the International Longevity Centre - Australia (ILC-Aus), Chair of the International Association of Gerontology (Asia Oceania) Social Research and Planning sub-committee, and a frequent advisor to the World Health Organisation, assisting with translation of evidence on health and ageing.

Is there a role for subjective health measures? | Denzil Fiebig (CEPAR, UNSW Sydney)



Denzil Fiebig took up his current position of Professor in the School of Economics, UNSW Business School in 2001 having previously held a chair in econometrics at the University of Sydney. He has served terms as discipline head at both universities. He is a CEPAR Associate Investigator. His main research areas are econometrics with an emphasis on applications in health economics. Associated publications have appeared in journals such as *Journal of Econometrics*, *Journal of Business and Economic Statistics*, *Review of Economics and Statistics*, *Journal of Economic Behavior and Organization*, *Marketing Science*, *Journal Health Economics*, *Health Economics and Social Science and Medicine*. Denzil was a member of the Australian Research Council College of Experts 2014-17, served two terms on the Australasian Standing Committee of the Econometric Society, was President of the Australian Health Economics Society 2005-10, Chaired the Scientific Committee of the Australasian Workshop on Econometrics and Health Economics since its inception in 2009 until 2018, was co-chair of the International Health Economics Association (iHEA) 2013 World Congress held in Sydney and was on the Executive Board of iHEA 2014-17. He currently chairs the iHEA Scientific Committee and is on the Editorial Board for the *Economic Record*. Denzil has won numerous teaching awards including a Vice Chancellor's Award for Teaching Excellence in 2016, the university's highest teaching award, and in the same year he also won the Bill Birkett award for teaching excellence in the Business School. In 2003 Denzil was elected a Fellow of the Academy of Social Sciences in Australia.

Modelling health status and functional disability: An actuarial perspective | Michael Sherris (CEPAR, UNSW Sydney)



Michael Sherris is a Chief Investigator and the Director of Industry Engagement in CEPAR. He is a Professor of Actuarial Studies in the UNSW Business School. His research sits at the intersection of actuarial science and financial economics and has attracted a number of international and Australian best paper awards. He has published in leading international risk and actuarial studies journals, including *Journal of Risk and Insurance*, *Insurance: Mathematics and Economics*, *Scandinavian Actuarial Journal*, *ASTIN Bulletin*, *Journal of Economic Dynamics and Control*, *North American Actuarial Journal* and *Geneva Papers on Risk and Insurance*. He is on the editorial board of the *Annals of Actuarial Science* and is a co-editor of the *North American Actuarial Journal*. Prior to becoming an academic he worked in the banking and finance industry. He has been an active member of the Australian actuarial profession having served on the Council of the Institute of Actuaries of Australia. He was President (2008-2009) of the Asia Pacific Risk and Insurance Association and a Board and Executive Member of the Enterprise Risk Management Institute International. He was Chair of the AFIR-ERM Section of the International Actuarial Association until 2019. He was named Australian Actuary of the Year 2007 in recognition of his contributions to actuarial research and education both internationally and within Australia.

Impact of risk factors during adulthood and older ages on both mortality and disability | Alan Lopez (The University of Melbourne)



Laureate Professor Alan Lopez is an international authority on the global burden of disease and the use of health data for the development of health systems and policy. He has been awarded several major research grants in epidemiology, health services research and population health, including funding from the NHMRC, Wellcome Trust, Bill and Melinda Gates Foundation and AusAID. He currently leads the Data for Health Initiative funded by a philanthropic grant from Bloomberg Philanthropies in association with the Australian Government's Innovation Xchange program. This initiative aims to improve health data in developing countries by using new innovative research and communications technologies to help countries improve basic birth and death data and to monitor major risk factors.

Economic, social and environmental enablers of healthy brain and cognitive ageing | Kaarin Anstey (CEPAR, UNSW Sydney)



Kaarin Anstey is CEPAR Co-Deputy Director and Director of the UNSW Ageing Futures Institute focused on enabling optimal ageing for individuals and society. She is a Senior Principal Research Scientist at Neuroscience Research Australia (NeuRA) and also leads an NHMRC Centre of Research Excellence in Cognitive Health. She is a director of the NHMRC Dementia Centre for Research Collaboration. Kaarin's research programs focus on the causes, consequences and prevention of cognitive ageing, dementia, and common mental disorders in adulthood. A second focus is on older drivers' risk assessment and safety. Kaarin has worked extensively with longitudinal studies, and since 2006 has led the PATH Through Life Project, a large cohort study focusing on common mental disorders and cognitive function, based in the ACT and surrounding regions. Kaarin is the Chair of the International Research Network on Dementia Prevention, a Director of the Board of the Dementia Australia Research Foundation, a member of the World Health Organisation Group developing guidelines for risk reduction of cognitive decline and dementia, and a member of the Governance Committee of the Global Council on Brain Health.

Examining the economics of healthy longevity | Brenda Gannon (University of Queensland, CEPAR)



Brenda Gannon is a Professor and Director of Research in the School of Economics and Affiliate Professor in the Centre for the Business and Economics of Health, The University of Queensland. She is a CEPAR Affiliate. Professor Gannon is an international expert in the field of health and ageing economics and health econometrics and has won over \$26 million, as chief investigator, in collaborative research income with economics, medicine and social science with academia and industry. Her research carries a dual role, (1) as an applied health economist and econometrician using big and complex data, utilising health economics theory and concepts to test the validity of causal hypotheses, (2) collaborator across all Faculties leading critical economic evaluations. Her research is funded by her position as chief investigator on projects from the Australian Research Council, National Health and Medical Research Council, EU H2020, Health Research Board, Ireland, Queensland Genomics Health Alliance and National Institute for Health Research, UK. She is the lead economist on projects in dementia, emergency care and paediatric care. All studies incorporate methodological innovations and applied research. Previously Professor Gannon was an associate professor at The University of Manchester and University of Leeds from 2011-2016. Prior to that she was a senior research officer and deputy director at the Irish Centre for Social Gerontology/Department of Economics at the National University of Ireland, Galway and researcher at the Economic and Social Research Institute, Dublin, Ireland, under the Health Research Ireland, Health Economics and Inequalities programme of research. Brenda Gannon is currently an Expert Evaluator for the EU Commission funding applications and NHMRC and NSW Cancer Research Panels, and recently a member of the UK National Institute for Health Research RfPB (Research for Patient Benefit) Advisory Committee. She is a member of the Australian Medical Services Advisory Committee (MSAC) Evaluation Sub Committee. Brenda Gannon is an elected member of the Academic Board at UQ and serves on the Research Committee.



Dr Vas Yiengprugsawan is a Senior Research Fellow in CEPAR and her research focuses on lifecourse determinants of health and wellbeing, risk factors relating to non-communicable diseases and chronic care management, and the role of primary health care and universal health coverage in Asia. Vasoontara has been affiliated with CEPAR since 2014 and is currently investigating the health-wealth dynamics in later life and long-term care policy in emerging economies (including Indonesia, Thailand, and Vietnam). She previously led analyses for over a decade of the Thai Cohort Study (2005-2014), held a fellowship from the World Health Organization's Asia-Pacific Observatory on Health Systems and Policies (2014-2016), and coordinated the Australian Research

Council Discovery Project on ageing, health and productivity in China and Australia (2016-2019). She was awarded a PhD in 2009 from the Australian National University in epidemiology, economics, and population health.



Alan Woodland is currently Scientia Professor of Economics in the School of Economics, UNSW Business School. He is a Chief Investigator in CEPAR. He was previously Professor of Econometrics at the University of Sydney and Professor of Economics at the University of British Columbia, Canada. He completed his Ph.D. at the University of New England in Australia. Woodland's primary research interests and publications are in the areas of international trade theory, applied econometrics and population ageing. His interests and contributions also encompass public economics, labour economics and environmental economics. Some specific research topics have included; Pareto-

improvements in welfare through a range of policy changes, such as international income transfers, tariffs, taxes and trade quotas under the different redistribution mechanisms; endogenous formation of preferential trade agreements; pensions and retirement behaviour, labour supply and time allocation; and risk preference and illegal immigration. Alan has published in leading journals including *Econometrica*, *Review of Economic Studies*, *Journal of Econometrics* and *Journal of International Economics* and is author of *International Trade and Resource Allocation*, Advanced textbooks in Economics Vol.19, North-Holland Publishing Company, 1982. He is a Fellow of the Econometric Society, a Fellow of the Academy of the Social Sciences of Australia and the recipient of the Distinguished Economist Award of the Economics Society of Australia. He was previously a member of the Council of the Econometric Society, Chair of the Econometric Society Australasian Standing Committee and a member of the Executive Committee of the International Economics Association.