What do Economists Know about Health or Insurance?

2021 Queensland Economics Winter School

21-22 July 2021

The Economic Society of Australia (Qld), in association with the Centre for the Business and Economics of Health (CBEH), University of Queensland (UQ) invites you to participate in the 2021 Queensland Economics Winter School at UQ Business Centre in Brisbane City. This year's program focuses mostly on the economics of health and health care, including health care financing and insurance, with contributions from health economists, behavioural economists and applied econometricians.

About the Winter School

The Winter School will provide an opportunity for PhD economics students, early career academics and professional economists in both the public and private sector to learn about research and policy applications in the health sector, with a considerable emphasis on insurance and health care financing. It is also an opportunity to connect and share research ideas and gain new insights.

The Winter School is an initiative of the Economic Society of Australia (Qld), Griffith University, the University of Queensland, and QUT.

Date: Wednesday 21 July to Thursday 22 July 2021

Time: Check in at UQ Business Centre at 7.45am for registration and a light breakfast for the start of the conference at 8.15am on Wednesday 21 July, to conclude by 5.00pm Thursday 22 July

Venue: at UQ Business Centre in Brisbane City, see details of the venue here

Dress: Smart casual

The conference registration fees (which are being subsided by the four host institutions) are shown below.

Registration Category	Early-Bird Rate (Register by 5 July)	Standard Rate (Registration from 6 July)
ESA Non-Member	$330	$375
ESA Member	$300	$345
Postgraduate Student	$230	$275

The conference fee includes lunch, morning and afternoon teas and pre-dinner drinks.

The cost of attending the Winter School Dinner is **an additional $77** per head which includes dinner at Greca and two drinks per person. Special dietary requirements can be accommodated by the restaurant – please notify us in advance.

To make a booking click here. Economic Society Qld member discounts are automatically applied if logged in as a member when booking. **For inquiries** ***please email (mark.upcher@esaqld.org.au). If you are unable to pay for a booking immediately, please let (mark.upcher@esaqld.org.au) know that you wish to take part in this event so we can reserve a place for a limited time pending payment being made. By booking, you acknowledge your acceptance of the Winter School 2021 refund policy that full refunds are available for cancellations advised by email before 6 July and not available after that (though registration may be transferred to another attendee entitled to the same registration fee).***

Program

Day 1

Time	Speaker/Activity	Title
8:00-8:15	*Arrival*	*Light Breakfast, Tea & Coffee*
8:15-8:30	Professor Daniel Zizzo	Welcome and Launch
8:30-10:30	Professor Mark Pauly	Epidemic Preparedness and Climate Change: How Insurance Can Help with Both Problems
10:30-10:45	*Break*	*Morning Tea*
10:45-12:00	Professor Mark Pauly	The Economic Theory of Insurance Meets Australian Health Insurance: An Outsider's Perspective on Who Wins
12:00-1:00	*Break*	*Lunch*
1:00-1:45	Dr David Rowell	Measuring Moral Hazard and Adverse Selection: An Application to the Auto Insurance Market
1:45-2:30	Dr Lan Nguyen	Moral Hazard and Adverse Selection on the Australian Private Health Insurance Market
2:30-2:45	*Break*	*Afternoon Tea*
3:15-4:00	Ms Sabrina Lenzen*	TBC
4:00-4:45	Professor Brenda Gannon and Ms Michelle Tran	Consumer-Directed Care and Older People: How Did it Affect Mental Health?
4:45-5:30	*Close*	*Close and Drinks*
6:00 onwards	*Dinner*	*Greca*

Day 2

Time	Speaker/Activity	Title
8:30-8:50	*Arrival*	*Arrival, Tea and Coffee*
8:50-9:00	Professor Stephen Birch	Opening Remarks (Day 2)
9:00-9:45	Dr Danusha Jayawandara	Excess Healthcare Costs of Depressive Symptoms in Late-Adolescent Women: Evidence from National Medicare Claims Data
9:45-10:30	Professor Rhema Vaithianathan	Using Predictive Analytics to Improve Health and Welfare*
10:30-10:45	Break	Morning Tea
10:45-11:30	Dr Marcin Sowa	Social Health Insurance and Other Institutional Reforms of the Healthcare Sector in Eastern Europe
11:30-12:15	Dr Jonas Fooken	Insurance Markets: Insights from Behavioural Economics
12:15-1:15	*Break*	*Lunch*
1:15-2:00	Associate Professor Lana Friesen	Using experiments to measure risk preferences
2:00-2:45	Professor Luke Connelly	Community Rating: Is It a “Dumb Way to Do a Good Thing?”
2:45-3:15	*Break*	*Afternoon Tea*
3:15-4:00	Professor Stephen Birch	Cost Effectiveness Analysis in Health: The Magic Kingdom of Efficient Health Care?
4:00-4:45	Dr Christiern Rose and Dr Mohamad Khaled*	Recent Developments in Applied Health Economics
4:45-5:00	Professors Andreas Chai*/Pascalis Raimondos*	*Evaluation and Closing Remarks*

Course Presenters

Mark V. Pauly

Wharton School, University of Pennsylvania

Mark V. Pauly, PhD, is Bendheim Professor in the Department of Health Care Management, Professor of Health Care Management, and Business and Public Policy at The Wharton School and Professor of Economics in the School of Arts and Sciences at the University of Pennsylvania.
One of the nation's leading health economists, Dr. Pauly has made significant contributions to the fields of medical economics and health insurance. His classic study on the economics of moral hazard was the first to point out how health insurance coverage may affect patients' use of medical services. Subsequent work, both theoretical and empirical, has explored the impact of conventional insurance coverage on preventive care, on outpatient care, and on prescription drug use in managed care. In addition, he has explored the influences that determine whether insurance coverage is available and, through several cost-effectiveness studies, the influence of medical care and health practices on health outcomes and cost. His interests in health policy deal with ways to reduce the number of uninsured through tax credits for public and private insurance and appropriate design for Medicare in a budget-constrained environment. Most recently, he has examined the topics of national health care reform, the individual insurance market, the effects of poor health on worker productivity, and the market for voluntary health insurance in developing countries. He is currently studying how insurance affects the rate of growth of medical spending.

Epidemic Preparedness and Climate Change: How Insurance Can Help with Both Problems
The Economic Theory of Insurance Meets Australian Health Insurance: An Outsider's Perspective on Who Wins

Luke Connelly

Centre for the Business and Economics of Health, The University of Queensland
University of Bologna

Luke Connelly is Professor of Health Economics at the Centre for the Business and Economics of Health. He also holds a Professorial appointment (part-time) at The University of Bologna, to which he was appointed in 2017 via the Italian "Direct Call" process. In 2019 he was appointed as Honorary Professor at The University of Sydney. His main interests are in health economics and insurance economics and the effects of institutions (including legal constructs) on incentives and behaviour (link) He has also worked in other fields of applied microeconomics, including education economics and transport economics. Luke has served on a number of public committees including the Medical Services Advisory Committee (MSAC), which advises the Australian Minister for Health on the safety, effectiveness, and cost-effectiveness of new and extant listings on Australia's Medicare Benefits Schedule. He has extensive service on other public committees and taskforces as well as extensive teaching and consulting engagements with industry. Over the past 10 years he has been a chief investigator on research grants and contracts totalling more than $32m. His current research interests include health service innovations to improve the health of people with chronic kidney disease (CKD). Ongoing interests include the economics of disability and insurance, compensable injury compensation schemes, and the determinants of health. Luke enjoys and has considerable experience teaching economics and health economics at both the graduate and undergraduate levels. In 2014 he was awarded the School of Economics Distinguished Teaching Award for his teaching on UQ's Master of Health Economics Program. In July 2016 and July 2019 he also taught summer schools in Health Economics and the Economics of Insurance at The University of Lucerne, Switzerland. He is currently co-editing (with Prof Christophe Courbage) a Special Issue of the *Geneva Papers on Risk and Insurance: Issues and Practice* on Insurance and Emerging Risks to Health.

Community Rating: Is It a "Dumb Way to Do a Good Thing?"

Stephen Birch

Centre for the Business and Economics of Health, The University of Queensland
University of Manchester

Stephen Birch is Director of the Centre for the Business and Economics of Health at the University of Queensland and part time professor in health economics at the University of Manchester (UK). Prior to moving to Australia in 2018 he spent 30 years as professor of health economics at McMaster University where he continues as emeritus professor. Previously he worked at the Medical Care Research Unit, Sheffield University, UK and at the Centre for Health Economics, York University, UK. He has held honorary appointments at universities in Toronto (Canada), Malmo (Sweden) and Cape Town (South Africa) and Sydney (Australia). He has a doctorate in economics from York University, a Master's degree in fiscal studies from Bath University and a Bachelor's degree in economics from Sheffield University. He served as publicly appointed board member on the Ontario Health Professions' Regulatory Advisory Council, the Hamilton, Niagara, Haldimand, Brant Local Health Integration Network and the York District Health Authority Community Health Council. He was appointed to the Canadian Academy of Health Sciences expert panel on improving access to oral health care for vulnerable people living in Canada. He has served on many committees and advisory boards on health workforce and health service planning and evaluation as well as consultant to WHO, World Bank and several national and state health ministries. He has over 290 research publications in a wide range of peer-reviewed scientific journals and has particular interests in the economics of oral health care, needs-based health service and health workforce planning, access to care in underserved populations and needs-based allocation of resources and provider remuneration. He served as Senior Editor for Social Science & Medicine for 15 years and continues to serve on the editorial advisory board. He received the IADR Aubrey Sheiham award in 2017 and the IADR Distinguished Scientist award for behavioural, epidemiologic and health services research in 2019.

Cost Effectiveness Analysis in Health: The Magic Kingdom of Efficient Health Care?

Rhema Vaithianathan

Centre for Social Data Analytics, Auckland University of Technology
Institute for Social Science Research, the University of Queensland

Rhema is a Professor of Economics at Auckland University of Technology (NZ) where she is director of the Centre for Social Data Analytics (CSDA), a research centre that uses data analytics for social impact. Rhema also has a partial appointment as a Professor of Social Data and Analytics in the Institute for Social Science Research (ISSR) at UQ, which hosts a second CSDA site. At CSDA Rhema leads a multidisciplinary team that works closely with health and human services agencies, mostly in the United States, to develop and deploy research-led machine learning tools. The CSDA team takes a human-centred approach to developing and deploying decision aid tools to help agencies serve their communities better. Rhema led development of the world-first Allegheny Family Screening Tool , a decision support tool for child welfare hotline screening tool implemented in 2016 and profiled in The New York Times Magazine and Nature News.

Using Predictive Analytics to Improve Health and Welfare

Lana Friesen

School of Economics, University of Queensland

Lana Friesen is an Associate Professor in the School of Economics at the University of Queensland. She is primarily an experimental economist with interests in environmental economics and behavioural economics. Lana's research focuses on three broad themes; how to improve compliance with environmental regulations, decision making in complex environments, and environmental auctions.

Using experiments to measure risk preferences

Christiern Rose

School of Economics, University of Queensland

Christiern is a lecturer for the School of Economics. He completed a PhD in Economics in 2016 at the University in Bristol, followed by a two-year post-doc at Toulouse School of Economics. Christiern joined the University of Queensland in 2017. His primary field is applied micro-econometrics with particular interests in networks, spill over/peer effects, high-dimensional econometrics, and the economics of illicit drugs.

Recent Developments in Applied Health Economics *(presented with Dr Mohamad Khaled)*

Mohamad Khaled

School of Economics, The University of Queensland

Mohamad Khaled is senior Lecturer in Economics at the University of Queensland

Recent Developments in Applied Health Economics *(presented with Dr Christiern Rose)*

Lan Nyugen

Department of Accounting, Finance and Economics, Griffith University

Dr. Lan Nguyen recently completed her doctorate at the Department of Accounting, Finance and Economics at Griffith University entitled “Australian Private Health Insurance: Industry Performance, Market Failure and Government Policy”. Her research interests include health economics and behavioural science.

Moral Hazard and Adverse Selection on the Australian Private Health Insurance Market

Brenda Gannon

School of Economics, The University of Queensland
Centre for the Business and Economics of Health, The University of Queensland

Professor Brenda Gannon is a Professor in the School of Economics and Affiliate Professor at the Centre for the Business and Economics of Health, The University of Queensland. Professor Gannon is an international expert in the field of Health Economics of Ageing, leading collaborations with economics, medicine and social science with academia and industry. She has developed a range of projects in Economics of Ageing on topics of physical activity and cognition, health shocks and health care utilization, and consumer directed care and home care. Her work has been influential in the development of programs for falls preventions and informing policy on disability and social inclusion and has positively impacted on the health of many older people across the world.

The regional effect of the consumer directed care model for older people in Australia. *(A joint presentation with Michelle Tran)*

Michelle Tran

School of Economics, The University of Queensland
Centre for the Business and Economics of Health, The University of Queensland

Michelle Tran is a PhD candidate at School of Economics, University of Queensland (UQ). Michelle's research interest includes Health Economics, Economics of Education and Applied Econometrics. Michelle completed her Bachelor of Economics degree with First Class Honours at the University of Queensland in 2017. Her research paper, completed as part of the degree, investigated the role of performances and gender in the choice of STEM subjects, university degrees and occupations. In 2018, she started a 4-year PhD program working on the project "Economics of Aging, Health Outcomes and Workforce Planning". Michelle's doctoral research aims at establishing causal effects of family's health, economic resources and health policies on older adults' health and healthcare utilization.

The regional effect of the Consumer Directed Care model for older people in Australia.

Sabrina Lenzen

Centre for Policy Development
Centre for the Business and Economics of Health, the University of Queensland

Sabrina Lenzen is an Economist at the Centre for Policy Development and a Research Officer at the Centre for the Business and Economics of Health at the University of Queensland. She has recently submitted her PhD thesis in applied health economics and has expertise analysing large panel datasets using econometrics techniques. Sabrina has previously worked at McKinsey and Company and holds a BSc in Health Economics from the University of Cologne and an MSc in Health Economics, Policy and Law from the Erasmus University, Rotterdam.

Physical activity, cognition and health care use

Danusha Jayawardana

Centre for the Business and Economics of Health, The University of Queensland
School of Public Health, The University of Queensland

Danusha Jayawardana is a post-doctoral research fellow in health economics for NHMRC Centre of Research Excellence on Women and Non-communicable Diseases (CRE-WaND) in the Centre for the Business and Economics of Health and School of Public Health at the University of Queensland. Her current work investigates the healthcare costs and resource use implications of non-communicable diseases among women in Australia. Her other research interests extend to broad areas of Development Economics and Applied Econometrics, with a particular focus in identifying causal relationships between childhood adversity and mental health. Danusha received her PhD in Economics from the University of Adelaide in 2020 and was awarded the Dean's Commendation for Doctoral Thesis Excellence. She also holds Master and Bachelor degrees in Economics from the University of Colombo, Sri Lanka.

Excess healthcare costs of depressive symptoms in late adolescent women: Evidence from linked national Medicare claims data.

Marcin Sowa

Centre for the Business and Economics of Health, The University of Queensland

Dr Marcin Sowa is a Senior Research Fellow in the UQ Centre for the Business and Economics of Health. His research interests revolve around issues of health policy, evidence-informed decision making, and economic evaluation. Dr Sowa has led academic and commissioned research projects in the areas of health sector reform, hospital performance, private health insurance, risk equalisation, economics of chronic disease, models of care, and sugar tax policy. He has been a lecturer and coordinator of post-graduate courses 'Economic Evaluation and Health' and 'Health Economics and Policy' in the UQ School of Economics, and a supervisor of honours, master's and doctoral students. Dr Sowa is an appointed member of the Medical Services Advisory Committee - Evaluation Sub-committee (MSAC-ESC) advising the Australian Government on the issues of health technology assessment.

Social Health Insurance and Other Institutional Reforms of the Healthcare Sector in Eastern Europe

Jonas Fooken

Centre for the Business and Economics of Health, The University of Queensland

Jonas is a Senior Research Fellow with the Centre for the Business and Economics of Health, a join initiative of UQ's Business, Economics & Law and Health & Behavioural Science faculties. Before Joining UQ, Jonas worked for the Behavioural Economics Team of the European Commission's Joint Research Centre and KPMG Germany. Jonas specialises in behavioural economics applied to health topics and empirical studies in health economics. Over the past years, one of his primary areas of research interest have been on private health insurance in Australia, including selection into private health insurance based on the subscribers risk profile, and its effect on health and out-of-pocket expenditure.

Private health insurance in Australia. Selection, health, and behavioural insights.

David Rowell

Centre for the Business and Economics of Health, The University of Queensland

David Rowell was awarded his PhD from the School of Economics, University of Queensland in 2012. His thesis tested for evidence of moral hazard in a market for automobile insurance and was supported by the Brain Gray Scholarship, 2010. He currently holds a position as a postdoctoral research fellow at the Centre for the Business and Economics of Health (CBEH), at the University of Queensland. His research interests include the economics of insurance and gambling.

Disentangling moral hazard and adverse selection, in the Australian market for automobile insurance.

Daniel Zizzo

School of Economics, The University of Queensland

Professor Daniel Zizzo (DPhil MPhil MA Oxford, Laurea Palermo) is Academic Dean and Head of the School of Economics at The University of Queensland. He was previously Dean of Research and Innovation in the Faculty of Humanities and Social Sciences and Acting Director of the Business School at Newcastle University, and Head of the School of Economics and Associate Dean (Research) in the Faculty of Social Sciences at the University of East Anglia. He has published in leading international journals including American Economic Review, European Economic Review, American Economic Journal: Microeconomics, Games and Economic Behaviour, Experimental Economics, Journal of Economic Behaviour and Organization, and many others. He is a Coordinating Editor of Theory and Decision.

Andreas Chai

Griffith Business School, Griffith University

Associate Professor Andreas Chai is the Head of Department in the Department of Accounting, Finance and Economics, Griffith Business School. Andreas is an applied microeconomist specialized in the area of household behaviour with application to measuring poverty, energy poverty, financial hardship and climate change adaptation. He has completed projects for a number of clients including APEC, the United Nations, various Queensland government departments. He has worked in public policy with the Commonwealth Treasury (Canberra) and the Productivity Commission (Melbourne). Other clients include the Commonwealth Department of Foreign Affairs and Trade, The French Ministry of Education, the Australian National Climate Change Adaptation Facility Grant, Intellectual Property Australia. He has published in the *Journal of Economic Perspectives* and the *Cambridge Journal of Economics*.

Pascalis Raimondos

School of Economics & Finance, Queensland University of Technology

Professor Pascalis Raimondos is the Head of School, School of Economics and Finance at QUT, Australia. Pascalis holds a Ph.D. and a M.Sc. from the University of Essex, and a B.A. from the University of Athens. His research is within the fields of International Trade and International Public Finance. In Australia he is the President of the Economic Society of Australia QLD and has served as a member panel for the review of the Economics ABDC Journal List.