37th Australian Health Economics Society Conference

Stamford Plaza, Brisbane
October 1st & 2nd, 2015

3rd Australian Health Economics Doctoral Workshop, 30th September
Thursday October 1st

8:15 – 8:45: Registration and coffee

8:45 – 9:00: Welcome Address by AHES President Rosalie Viney

9:00 – 10:10: Plenary Session 1  
Professor Robyn Ward
Determining Funding Priorities for Health Care Technologies
Location: Ballroom

10:10 – 10:30: Morning tea

10:30 – 12:10: Parallel Session One

Session 1A  
Developing Country Evaluations  
Location: Ballroom 1
Chair: Sonja Kassenboehmer

1. Does Maternal Depression Hamper Child Development? Evidence from a Randomized Control Trial  
   Presenting Author: Victoria Baranov

2. Microfinance and Health Seeking Behaviour and Health Service of Rural Households: Evidence from Bangladesh using a Quasi-experimental Survey  
   Presenting Author: Mohammad Monzur Morshed Bhuiya

3. Impact evaluation of free delivery care on maternal health service utilisation and neonatal health in Nepal  
   Presenting Author: Prabhat Lamichhane

4. An impact evaluation of a rights-based approach to disability  
   Presenting Author: Michael Palmer

Session 1B  
Pharmaceuticals & Funding Decisions  
Location: Ballroom 2
Chair: Rosalie Viney

1. Disinvestment and Value-Based Purchasing Strategies for Pharmaceuticals: An International Review  
   Presenting Author: Bonny Parkinson

2. Using CART to identify thresholds and hierarchies in the determinants of funding decisions  
   Presenting Author: Chris Schilling

3. Value of information analysis informing research and implementation decisions in healthcare interventions  
   Presenting Author: Haitham Tuffaha

4. Improving Assessment in Emergency Departments: Outcomes of the Queensland Accelerated Chest pain Risk Evaluation (ACRE ) Project  
   Presenting Author: Louise Cullen

Session 1C  
Costs of Illness  
Location: Raffles Rm 1
Chair: Jenny Watts

1. Costs of acute admitted patients in public hospitals 2011-12  
   Presenting Author: Daniel O'Halloran

2. Deep brain stimulation and the cost of pharmaceutical treatment of Parkinson’s disease  
   Presenting Author: David Rowell
3. Health and productivity costs associated with hereditary haemochromatosis in Australia: A cost of illness study  
   Presenting Author: Barbara de Graaff

4. Lifetime direct costs for the Indigenous and non-Indigenous stroke patients adjusted for loss to follow-up and comorbidities  
   Presenting Author: Yuejen Zhao

12:10 – 1:00: Lunch

1:00 – 2:40: Parallel Session Two

Session 2A  Childhood  Location: Ballroom 1
Chair: Dennis Petrie

1. The Impact of Childhood Economic Circumstances on Psychological Resilience  
   Presenting Author: David Johnston

2. Short- and Long-term Effects of Childhood Injuries on Educational Outcomes  
   Presenting Author: Anthony Niu

3. Early childhood malnutrition and academic achievement: evidence from Vietnam  
   Presenting Author: Son Nghiem

4. Getting weighed down: The effect of childhood obesity on socioemotional difficulties  
   Presenting Author: Nicole Black

Session 2B  Valuing Health States  Location: Ballroom 2
Chair: Gang Chen

1. Developing SF-6Dv2 utility weights for the UK using a Discrete Choice Experiment with duration  
   Presenting Author: Brendan Mulhern

2. Eliciting distributional weights for QALYs  
   Presenting Author: Emily Lancsar

3. Valuing health using experimental auctions  
   Presenting Author: Joshua Byrnes

4. Discrete choice experiments for QALY weighting: Issues around anchoring  
   Presenting Author: Richard Norman

Session 2C  Cost Effectiveness 1  Location: Raffles Rm 1
Chair: Philip Clarke

1. Cost-effectiveness analysis of the utilization of 3-dimensional gait analysis (3DGA) to improve the pattern of follow-up treatment service utilization, costs and recovery of burns patients  
   Presenting Author: Bharat Vaikuntam

2. Broadening the scope of economic evaluation in perinatal depression: implications for cost-effectiveness and equity  
   Presenting Author: Jemimah Ride

3. A Systematic Review of Cost-Effectiveness of Percutaneous Coronary Intervention versus Surgery for the Treatment of Coronary Artery Disease in the Drug-Eluting Stent Era  
   Presenting Author: Thathya V. Ariyaratne

4. How consistent is the relationship between improve glucose control and modelled health outcomes for people with type 2 diabetes? A systematic review  
   Presenting Author: Xinyang Hua
2:40 – 3:00: Afternoon tea

3:00 – 4:40: Parallel Session Three

Session 3A  Health Insurance  Location: Ballroom 1
Chair: David Johnston

1. Family Formation and Demand for Health Insurance
   *Presenting Author: Nathan Kettlewell*
   *Discussant: Terence Cheng*

2. How does extending health insurance impact on inequalities of access? Examining the impact of Medicare Part D in the United States
   *Presenting Author: Natalie Carvalho*
   *Discussant: Sonja Kassenboehmer*

Session 3B  Obesity & Sugar Sweetened Beverages  Location: Ballroom 2
Chair: Michael Palmer

1. The dynamics of income and obesity in Australia
   *Presenting Author: Dennis Petrie*
   *Discussant: Nicole Black*

2. Pre-school children’s demand for sugar sweetened beverages: Evidence from stated-preference panel data
   *Presenting Author: Ou Yang*
   *Discussant: Son Nghiem*

Session 3C  Child Health Utility & Cost Effectiveness  Location: Raffles Rm 1
Chair: Tracy Comans

1. Valuing the Child Health Utility 9D: Using Profile Case Best Worst Scaling Methods to Develop a New Adolescent Specific Scoring Algorithm
   *Presenting Author: Julie Ratcliffe*
   *Discussant: Jenny Whitty*

2. Cost-effectiveness analysis of a mobile ear screening and surveillance service versus an outreach screening, surveillance and surgical service for Indigenous children in Australia
   *Presenting Author: Kim-Huong Nguyen*
   *Discussant: Bonny Parkinson*

5:00 – 6:00: AHES Annual General Meeting
Location: Raffles Rm 1

7:00: Conference Dinner
Location: Brasserie on the River
Friday October 2nd

8:45 – 10:25: Parallel Session Four

Session 4A  Primary & Hospital Care  Location: Ballroom 1
Chair: Anthony Niu

1. EA Medical Trainees and the Quality of Care: Evidence from the National Anesthesia Clinical Outcomes Registry  
   Presenting Author: Eric Sun
2. Primary care and infant mortality: evidence from Brazil  
   Presenting Author: Leticia Xander Russo
3. Selection stories in duplicate insurance markets: is the devil in the public-private mix?  
   Presenting Author: Terence Cheng

Session 4B  Quality of Life Instruments  Location: Ballroom 2
Chair: Richard Norman

1. Mapping between the Asthma Quality of Life (AQLQ) and five multi-attribute utility instruments  
   Presenting Author: Billingsley Kaambwa
2. An assessment of the construct validity of the CHU9D in the Australian adolescent general population  
   Presenting Author: Gang Chen
3. Development of cancer specific multi-attribute utility instruments: preliminary results for the EORTC QLQ-C30 (QLU-C10D) and the FACT  
   Presenting Author: Rosalie Viney
4. Comparison of EQ-5D and SF-6D utilities in heart failure patients  
   Presenting Author: Sanjeewa Kularatna

Session 4C  Cost Effectiveness 2  Location: Raffles Rm 1
Chair: Jemimah Ride

1. Specialty training for Malawian doctors: a cost effectiveness analysis  
   Presenting Author: Kate Mandeville
2. Estimating the Cost-Effectiveness Threshold for the Australian Health System  
   Presenting Author: Laura Edney
   Presenting Author: Lauren Sheppard

10:25 – 10:50: Morning tea

10:50 – 12:10: Plenary Session 2  Professor James Smith
Early Life Conditions and Later Life Outcomes  
Location: Ballroom

12:10 – 1:00: Lunch
1:00 – 2:40: Parallel Session Five

**Session 5A  Measuring Health**
*Location: Ballroom 1*
Chair: Nicole Au

1. Socioeconomic Status and Health: A New Approach to the Measurement of Bivariate Inequality
   *Presenting Author: Guido Erreygers*

2. Towards a measure of health poverty: Using the SF-36 to stratify mortality risk in the Australian population
   *Presenting Author: Philip Clarke*

3. Reporting bias and heterogeneity in self-rated health
   *Presenting Author: Agne Suziedelyte*

4. Accuracy of patient recall for self-reported doctor visits: is shorter recall better?
   *Presenting Author: Kim Dalziel*

**Session 5B  Discrete Choice Experiments**
*Location: Ballroom 2*
Chair: Emily Lancsar

1. Eliciting job preferences of dentists: A Discrete Choice Experiment of job choices in Australia
   *Presenting Author: Elisabeth Huynh*

2. What is the value of food irradiation labelling?
   *Presenting Author: Elena Meshcheriakova*

3. How we ask matters: the impact of framing in valuing meta-health effects
   *Presenting Author: Richard De Abreu Lourenco*

**Session 5C  Using Microsimulation Modelling to Project the Economic Costs of Chronic Disease in Australia**
*Location: Raffles Rm 1*

Organised Session
Discussant: Lennert Veerman

1. Drivers of productive life years lost due to chronic conditions in Australians aged 45-64 years: Results from Health&WealthMOD2030
   *Presenting Author: Rupendra Shrestha*

2. The impact of a commercial weight loss program on health expenditure in Australia: evidence from a microsimulation model for obesity and chronic disease
   *Presenting Author: Sharyn Lymer*

3. Projections of the Costs of Informal Care for Individuals and Government
   *Presenting Author: Michelle Cunich*

4. Using longitudinal data to explore the impact of ill health on economic wellbeing
   *Presenting Author: Emily Callander*

2:40 – 3:00: Afternoon tea
3:00 – 4:40: Parallel Session Six

Session 6A  Applied Health Econometrics  Location: Ballroom 1
Chair: David Johnston

1. Changes in prevalence of cardiovascular conditions in Australia: A decomposition analysis
   Presenting Author: Yohannes Kinfu

2. Mental health and the response to incentives: Evidence from experimental data
   Presenting Author: Claryn Kung

3. Pharmaceutical Expenditure and Economic Growth
   Presenting Author: Mujaheed Shaikh

Session 6B  General Practitioners  Location: Ballroom 2
Chair: Tony Scott

1. Do Rural Incentive Payments Affect Entries and Exits of General Practitioners in Australia?
   Presenting Author: Jongsay Yong

2. What Influences the Choice of General Practitioners? Evidence from a Discrete Choice Experiment in Australia and New Zealand
   Presenting Author: Chunzhou Mu

3. Patients who attend Multiple General Practices. Who are the ‘Doctor Shoppers?’
   Presenting Author: Michael Wright

4. Does competition influence quality in primary care?
   Presenting Author: Jinhu Li

Session 6C  Cost Effectiveness Modelling  Location: Raffles Rm 1
Chair: Julie Ratcliffe

1. The cost-effectiveness of rituximab maintenance therapy in patients with follicular lymphoma
   Presenting Author: Merehau Cindy Mervin

2. The population cost-effectiveness of indicated and universal school-based psychological interventions to prevent the onset of major depression among children and adolescents in the Australian population
   Presenting Author: Yong Yi Lee

3. Epidemiological modelling and its use in health prevention: the obesity example
   Presenting Author: Ana Mantilla

4. Practical application of discrete event simulation with dynamic queuing to inform resource allocation in orthopaedic care
   Presenting Author: Lachlan Standfield

4:40 – 4:50: Closing Address  Location: Ballroom
Keynote Speakers

Professor Robyn Ward AM FAHMS

Prof Robyn Ward recently joined the University of Queensland as Deputy Vice Chancellor (Research), after many years within hospital and academic settings in New South Wales, including roles as Director of the Prince of Wales Cancer Centre and Clinical Associate Dean at UNSW. She remains Director of the Translational Cancer Research Network, a multi-institutional group based in NSW and supported by the Cancer Institute NSW; while for the Commonwealth, she chairs the Medical Services Advisory Committee and is a long standing member of the Pharmaceutical Benefits Advisory Committee. Professor Ward is also the chair of the NHMRC’s Human Genetics Advisory Council and Member of the NHMRC council.

Throughout her career, Professor Ward has shown a sustained capacity for innovative research into the range of issues that underlie the problem of human cancer. At UNSW Australia she led an independent research group that has produced over 200 journal articles, letters and monographs, as well as several patents. As Head of the Adult Cancer Program at the Lowy Cancer Research Centre UNSW, and prior to that as a clinician researcher at St Vincent’s Hospital Sydney, she has made several important contributions to translational cancer research in the area of bowel cancer, including studies of the precursor lesions of this common disease, and the development of novel immunotherapies. More recently, she has used her expertise as a medical oncologist and clinical cancer geneticist to better define population-based screening strategies for hereditary bowel cancer. By recognising that constitutional epimutations of tumour suppressor genes can predispose to cancer, she has also helped to better define the medical management of individuals and families with these epigenetic changes.

Professor James P. Smith

Professor James P. Smith holds the Distinguished Chair in Labor Markets and Demographic Studies at the RAND Corporation. He has studied immigration, the economics of aging, black-white wages and employment, the effects of economic development on labour markets, wealth accumulation and savings behaviour, the interrelation of health and economic status, and the effects of attrition and nonresponse in the National Institute on Aging’s Health and Retirement Study (HRS). He is principal investigator for the New Immigrant Survey, which yields adequate sample size of the foreign-born, has known sampling properties, permits longitudinal analyses, and can answer policy questions of relevance to immigration.

Professor Smith chaired the Panel on Demographic and Economic Impacts of Immigration (1995–1997), the Committee on Population, and the Committee on National Statistics, National Academy of Sciences. He has been an invited speaker before the President's Initiative on Race in Phoenix, the Federal Reserve Board of Los Angeles, and the Prime Minister and members of Parliament of New Zealand, among many others. Professor Smith has twice received the National Institutes of Health (NIH) Merit Award, the most distinguished honour NIH grants to a researcher. In 2013, Professor Smith received an honorary degree of Doctor of the University from the University of Stirling, Scotland; in 2011, he was elected to the Institute of Medicine; and in 2009, he received the Ulysses Medal from University College Dublin. Professor Smith received his Ph.D. in economics from the University of Chicago.
Further Information

Conference Dinner

Join us for the conference dinner to be held at the Stamford Plaza, situated on the Brisbane River and overlooking the Story Bridge.

Accommodation options in Brisbane City

Brisbane has a range of accommodation options available, see http://www.visitbrisbane.com.au/accommodation?sc_lang=en-au for more detail.

The following hotels are nearby. Please book early as the rates are subject to availability.

Stamford Plaza Brisbane (conference venue)
Positioned on the Brisbane River and close to the city botanic gardens.
“Superior King” rooms are available at a special conference rate from $275.00 per room per night (room, internet and one breakfast) or from $295.00 per room per night (room, internet and two breakfasts). This rate is subject to availability, so we advise booking early to avoid disappointment. To book, call the Hotel’s reservations department (+61 7 3221 1999) and quote booking code AHES 2015.

Positioned opposite the city botanic gardens, and only a short walk to the conference venue.
“Deluxe City View Twin” rooms are available at a special rate from $188.00 per room per night. Buffet breakfast is available for an additional $27.50 per person. This rate is subject to availability, so we advise booking early to avoid disappointment. To book, call the Hotel’s reservations department (+61 7 3221 3411) and quote booking code # 1325734.

Standard hotel room (with kitchenette) from $199 per night.
One bedroom apartment from $229 per night.
Based on best available rates, subject to availability. Contact 07 32348888
Getting around Brisbane.

From the airport

Taxis are available from both the Domestic and International Airports and can drop you to your destination. Approximate fare for a trip from Airport to Brisbane CBD is between $55 and $65 AUD.

The Brisbane Airtrain travels from the Domestic Airport and the International Airport to Central Station and costs $17 AUD one way or $32 AUD return. Tickets can be pre-purchased online saving you 10% visit http://www.airtrain.com.au/ to pre-purchase tickets.

General travel around Brisbane

Public transport is available throughout the city and information relating to public transport can be found at www.translink.com.au.

Translink offers an Electronic Travel Card to visitors that can be pre-purchased prior to your arrival and offers you a return journey on the Airtrain and travel on all Translink bus, train, and ferry services for the days the card is active. Visit http://translink.com.au/tickets-and-fares/seeq-card for more details.

Things to do and see in Brisbane.

For information on things to see and what’s on in Brisbane, see http://www.visitbrisbane.com.au/things-to-do?sc_lang=en-au

South Bank Parklands

Brisbane City Botanic Gardens

GOMA – Gallery of Modern Art

Science Centre

Brisbane Lookout
http://www.brisbanelookout.com/

Lone Pine Koala Sanctuary
http://www.koala.net/en/