

# Program Overview

## Thursday 21st September

- 8:30 – 9:00: Registration
- 8:45 – 9:00: Welcome Address
- 9:00 – 10:00: Plenary Session One
- 10:00 – 10:30: Morning Tea
- 10:30 – 12:10: Parallel Session One
- 12:10 – 1:10: Lunch
- 1:10 – 2:50: Parallel Session Two
- 2:50 – 3:20: Afternoon Tea
- 3:20 – 5:00: Parallel Session Three
- 5:30 – 6:30: AHES AGM
- 7:00 – Late: Drinks & Dinner

## Friday 22nd September

- 8:45 – 10:25: Parallel Session Four
- 10:25 – 10:50: Morning Tea
- 10:50 – 11:40: Parallel Session Five
- 11:40 – 12:40: Plenary Session Two
- 12:40 – 1:40: Lunch
- 1:40 – 3:20: Parallel Session Six
- 3:20 – 3:50: Afternoon Tea
- 3:50 – 4:40: Parallel Session Seven
- 4:40 – 5:00: Awards Ceremony

Please note that within parallel sessions each standard presentation has been allotted 20min + 5min for questions. Each long presentation has been allotted 35min + 10min for the scheduled discussion + 5min for questions.

Abstracts for each parallel session presentation can be found at:

<http://www.ahes.org.au/2017-conference-abstracts/>

# Thursday September 21st

**8:30 – 9:00: Registration**

**8:45 – 9:00: Welcome Address**

**9:00 – 10:00: Plenary Session 1**

**Location: TBC**

**Prof Meredith Rosenthal**

**Value-based health care reform: the role of payment and organizational structure**

**10:00 – 10:30: Morning tea**

**Location: TBC**

**10:30 – 12:10: Parallel Session One**

## **Session 1A**

## **Economic Evaluation 1**

### **Location**

Session Chair

Lisa Gold

(Deakin University)

Does a brief, behavioural intervention, delivered by paediatricians or psychologists improve sleep problems for children with ADHD?

Befikadu Wubishet

(University of Newcastle)

Model Development for and Preliminary Assessment of Real World Cost Effectiveness of Novel Oral Anticoagulants among Atrial Fibrillation Patients in Sweden

Tanja Windegger

(Uni of the Sunshine Coast)

Cost effectiveness of hospital-based versus home-based immunoglobulin replacement therapy for patients with primary immunodeficiency

Natalie Carvalho

(University of Melbourne)

Capturing Equity Considerations in Cost-Effectiveness Analysis: A Systematic Review of Rotavirus Vaccine in Low- and Middle-Income Countries

## **Session 1B**

## **Health Policy**

### **Location**

Session Chair

David Creelman

(Deloitte Australia)

The impact of increasing vegetable consumption on government health expenditure in Australia

Philip Clarke

(University of Melbourne)

Edgar Sydenstricker: The first health economist?

Martin Hensher

(Tasmanian DHHS)

Health care and the future of economic growth: a preliminary discussion of alternative perspectives.

John Tisdell

(University of Tasmania)

Is society maximising its return from medical research? An Australian Case Study

## Session 1C

### Physician behaviour

#### Location

Session Chair

Eric Sun  
(Stanford University)

The Welfare Effects of Hospital Subsidies to Hospital-Based Physicians

Yuting Zhang  
(University of Pittsburgh)

Effects of Physician Risk Preferences on Their Decisions to Adopt New Prescription Drugs

Tsung-Tai Chen

Using multilevel analysis to prioritize pay-for-performance (P4P) incentive design features: should we aim at patient or facility for better quality improvement?

Adam Irving  
(Monash University)

The effects of blood pricing and clinical guidelines on the use of blood in cardiac surgery

**12:10 – 1:10: Lunch**

**Location: TBC**

**1:10 – 2:50: Parallel Session Two**

## Session 2A

### Assessing the cost-effectiveness of genetic screening versus standard practice using microsimulation modelling

#### Location

Session Chair

Deborah Schofield (University of Sydney)

Sarah West  
(University of Sydney)

Evidence of the cost effectiveness of WGS in familial intellectual disability: capturing the social and economic ripple effects of intellectual disability on families

Sharyn Lymer  
(University of Sydney)

Economic impacts of targeted lifestyle weight loss intervention vs standard diet on FTO genotype in addressing obesity

Owen Tan  
(University of Sydney)

Estimating hospitalisation cost of childhood cancer via a microsimulation model: a proposal to assess the impact of high throughput sequencing in childhood cancer care

Michelle Cunich  
(University of Sydney)

The development of a microsimulation model of the cost-effectiveness of population-based genetic screening for breast and ovarian cancer

## Session 2B

### Health and Employment

#### Location

Session Chair

Shiko Maruyama  
(Uni of Technology Sydney)

Employment, occupational mobility and job skills of cancer survivors

Angela Jackson  
(Monash University)

The impact of an Autism Diagnosis on Maternal Labour Supply

Dominic Byrne  
(University of Queensland)

Spillover Effects of Retirement on Partners: The Role of Long-term Health Pre-conditions

Julie Abimanyi-Ochom  
(Deakin University)

Differences in paid income between women with children and without children and the impact of childbearing on income from paid employment: Evidence from HILDA

## Session 2C

### Incorporating Socioeconomic Position in Economic Evaluation of Obesity Prevention Interventions

#### Location

|  |   |
|--|---|
| Session Chair                          | Lennert Veerman (Cancer Council NSW)  |
| Andrew Tan<br>(University of Sydney)   | Model framework to determine cost-effectiveness of childhood obesity preventions by socioeconomic position                      |
| Alison Hayes<br>(University of Sydney) | Modelling life course BMI trajectories among different socioeconomic groups in Australia  |
| Thomas Lung<br>(George Institute)      | Modelling quality-adjusted life expectancy for Australian adult males by body-mass index categories and socio-economic position |
| Anita Lal<br>(Deakin University)       | Markov modelling incorporating socioeconomic position: application to an analysis of a sugar sweetened beverage tax             |

## Session 2D

### Long Presentation Session 1

#### Location

|  |   |
|--|---|
| Session Chair                              |   |
| Arezou Zaresani<br>(University of Calgary) | Adjustment Costs and Incentives to Work: Evidence from a Disability Insurance Program                     |
| Marc Chan<br>(University of Melbourne)     | Unintended Consequences of Supply-Side Cost Control? Evidence from China's New Cooperative Medical Scheme |

**2:50 – 3:20: Afternoon tea**

**Location: TBC**

**3:20 – 5:00: Parallel Session Three**

## Session 3A

### Economic Evaluation 2

#### Location

|   |   |
|---|---|
| Session Chair                                 |   |
| Caroline Watts<br>(University of Sydney)      | Implementation of a surveillance protocol for individuals at high risk of melanoma in Australia: from a research study to practice in the community.                |
| Julie A. Campbell<br>(University of Tasmania) | A real-world investigation of resource use and costs of bariatric surgery in an Australian public hospital system based on Australia's Activity Based Funding model |
| Kim-Huong Nguyen<br>(Deakin University)       | Economic evaluation of dementia interventions: simplified approach to a complex social and economic problems?   |
| Virginia Mumford<br>(Macquarie University)    | Assessing the impact of paediatric hospitalisation: measuring the financial and productivity burden on the wider family network                                     |

### **Session 3B**                      **Health Care**

#### **Location**

Session Chair

- |  |   |
|--|---|
| Henry Cutler<br>(Macquarie University)       | Value based pricing to improve hospital quality and efficiency                                    |
| Jodette Kotz<br>(Australian Medical Assoc)   | The impact of incentives upon integrated care for patients with chronic conditions                |
| Mohammad Pulok<br>(Uni of Technology Sydney) | Revisiting horizontal inequity of health care use: An analysis of regional variation in Australia |
| Michael Wright<br>(Uni of Technology Sydney) | The association between continuity of care and screening mammography                              |

### **Session 3C**                      **Health in Middle Income Countries**

#### **Location**

Session Chair

- |   |  |
|---|--|
| Pushkar Maitra<br>(Monash University)               | Portliness amidst Poverty: Evidence from India   |
| Diana Contreras Suarez<br>(University of Melbourne) | Understanding the determinants of maternal mortality in Indonesia using the 2010 Population Census and 2011 Village Census |
| Alfiah Hasanah<br>(Wollongong University)           | Adult Child Labour Migration and Elderly Parent Health: Recent Evidence from Indonesian Panel Data                         |
| Deepak Behera                                       | Assessing Fiscal Space for Health in India: Empirical Evidence   |

### **Session 3D**                      **Health Econometrics**

#### **Location**

Session Chair

- |   |   |
|---|---|
| Jaai Paarsnis<br>(Monash University)      | Heterogeneous Effects of Health Shocks in Developed Countries? Evidence from Australia  |
| Alexander Labeit<br>(Griffith University) | Blood pressure and cholesterol level checks as dynamic interrelated screening examinations  |
| Terence Cheng<br>(University of Adelaide) | Income-based mandates on the demand for private health insurance and its dynamics: Early insights using Australian panel data                 |
| Johannes Kunz<br>(Monash University)      | Perfect prediction and bias in fixed effects binary response panel models, with an application to the Hospital Readmissions Reduction Program |

**5:30 – 6:00: AGM**

**Location TBC**

**7:00: Conference Dinner**

# Friday September 22nd

## 8:45 – 10:25: Parallel Session Four

### Session 4A

### Stated Preference Studies 1

#### Location

Session Chair

Emma Olin  
(Macquarie University)

Exploring the potential use of quality information when choosing between alternative public hospitals for elective surgery

Blake Angell  
(George Institute)

What is the Value of a Driver Licence? A contingent valuation study of Australian adults

Martin Howell  
(University of Sydney)

An international study of the preferences of patients, caregivers and health professionals for important outcomes in nephrology

Simon Fifer  
(CaPPRe)

A fine balance: Hospital decision-maker's preferences for funding of a new treatment on the hospital formulary

### Session 4B

### Formal and informal health workforce

#### Location

Session Chair

Yuejen Zhao  
(NT Department of Health)

Long-term trends in supply and sustainability of health workforce in remote Aboriginal communities in the Northern Territory

Rupendra Shrestha  
(University of Sydney)

Projections of economic impacts of early retirement in informal carers: Results from a microsimulation model Care&WorkMOD

Leoni Segal  
(University of SA)

Needs-based Health workforce and services planning for child and adolescent mental health services

Azadeh Abbasi-Shavazi  
(ANU)

The subjective wellbeing of informal carers: Evidence from Australia

### Session 4C

### Subjective Health and Wellbeing

#### Location

Session Chair

Anthony Niu  
(RMIT University)

Language efficiency and psychological wellbeing: new evidence from immigrants in Australia

Li Huang  
(University of Melbourne)

Life satisfaction, QALYs, and the monetary value of health

Sheena Arora  
(Uni of Technology Sydney)

The health-related quality of life of caregivers of children with intellectual disability

Xinyang Hua  
(University of Melbourne)

Can self-rated health be used as a measure for global health?

## **Session 4D**                      **Competition in the Australian market for health care services**

### **Location**

|  |   |
|--|---|
| Session Chair                                | Denise Doiron (University of NSW)   |
| Anthony Scott<br>(University of Melbourne)   | Does an increased supply of doctors improve population health?                |
| Susan J. Mendez<br>(University of Melbourne) | Doctors with borders: The welfare effect of foreign doctor entry restrictions |
| Peter Sivey<br>(RMIT University)             | Hospital quality report cards: quality competition and patient selection      |
| Ou Yang<br>(University of Melbourne)         | Cream skimming, hospital transfers and capacity pressure                      |

**10:25 – 10:50: Morning tea**

**Location: TBC**

**10:50 – 11:40: Parallel Session Five**

## **Session 5A**                      **Economic Evaluation 3**

### **Location**

|  |   |
|--|---|
| Session Chair                                  |   |
| Thi Hai Tho Dang<br>(University of Queensland) | Economic Evaluation of Deep Brain Stimulation for Patients with Tourette's Syndrome: An Initial Exploration |
| Muhammad Badiuzzaman                           | Effectiveness of Post-conflict Development Intervention on Maternal Health Care Utilization                 |

## **Session 5B**                      **Quality of life measurement**

### **Location**

|   |  |
|---|--|
| Session Chair                             |  |
| Andrew Palmer<br>(University of Tasmania) | Benchmarks for Quality Adjusted Life Expectancy for Australia, China, the United Kingdom and the United States of America. |
| Tracy Comans<br>(Griffith University)     | Rethinking the 0 - 1 Utility Scale   |

## **Session 5C**                      **Cost Effectiveness**

### **Location**

|   |  |
|---|--|
| Session Chair                             |  |
| Mutsa Gumbie<br>(Macquarie University)    | Should oral contraceptives be available over-the-counter?  |
| Michelle Tew<br>(University of Melbourne) | Using health-related quality of life scores as predictor of outcomes in lower limb arthroplasty patients |

## **Session 5D**                      **Predictors of obesity**

### **Location**

Session Chair

Sharmina Ahmed  
(University of Adelaide)                      Influence of Socio-economic location- and factors on diet and physical activity among overweight/obese pregnant mothers

King Wa Tam  
(University of Queensland)                      Prediction of Body Mass Index for the Adult Population of Australia 2015-2050: Age-Cohort Trend Analysis and Variance Modelling

## **11:40 – 12:40: Plenary Session 2**

**Location: TBC**

**Prof Maarten Lindeboom**

**Income, Work and Mental Health**

## **12:40 – 1:40: Lunch**

**Location: TBC**

## **1:40 – 3:20: Parallel Session Six**

### **Session 6A**                      **Stated Preference Studies 2**

#### **Location**

Session Chair

Rachel Milte  
(University of SA)                      Investigating the impact of cognitive impairment on consumer preferences for nursing homes

Yuanyuan Gu  
(Macquarie University)                      Will public hospital patients choose a better quality hospital given the choice? A discrete choice experiment

Bonny Parkinson  
(Macquarie University)                      To down-schedule, or not to down-schedule, triptans in Australia?

Kathleen Manipis  
(UTS)                      Estimating the impact of paid and unpaid sick leave on preferences for avoiding the negative impacts of foodborne illnesses

### **Session 6B**                      **Jaminan Kesehatan Nasional (JKN): Delivering the biggest social health insurance in the world**

#### **Location**

Session Chair

Meliyanni Johar (TNP2K)

Prastuti Soewondo  
(TNP2K)                      The impact of health insurance on health facilities utilisation

Meliyanni Johar  
(TNP2K)                      The impact of Indonesia's rapid move towards universal health insurance on health expenditure

Harsa Kunthara Satrio  
(TNP2K)                      Access inequality, health insurance and the role of supply factors

## **Session 6C**

### **Financial and nonfinancial incentives for increasing and sustaining rural health workforce**

#### **Location**

Session Chair

Megha Swami (University of Melbourne) The Impact of Rural Financial Incentives on Access to Physician Services: Evidence from a Natural Experiment

Yuejen Zhao (NT Department of Health) Long-term trends in supply and sustainability of health workforce in remote Aboriginal communities in the Northern Territory

Laxman Bablani (University of Melbourne) The Impact of Coercive Policies on Rural Primary Care Inequality and Workforce Outcomes

Jongsay Yong (University of Melbourne) Do Rural Incentives Payments Affect Entries and Exits of General Practitioners?

## **Session 6D**

### **Long Presentation Session 2**

#### **Location**

Session Chair

Sayaka Nakamura The Effect of School Lunch on Early Teenagers Body Weight

Nancy Kong (University of Queensland) Fatter Kids and the Shattered Iron Rice Bowl : Intergenerational Effects of Economic Insecurity During Chinese State-Owned Enterprise Reform

**3:20 – 3:50: Afternoon tea**

**Location: TBC**

**3:50 – 4:40: Parallel Session Seven**

## **Session 7A**

### **Special Session on the Medicare Benefits Schedule Review**

#### **Location**

Session Chair Anthony Scott (University of Melbourne)

Adam Elshaug (University of Sydney) Insights from a Member of the MBS Reviews Task Force

Kees Van Gool (Uni of Technology Sydney) Discussion

**Session 7B****Obesity and Eating Disorder Interventions****Location**

Session Chair

Long Khanh Dao Le  
(University of Queensland)

Are Eating Disorder Prevention and Treatment Interventions Cost-effective? A systematic review.

Phuong Nguyen  
(Deakin University)

Cost-effectiveness of community based childhood obesity prevention interventions in Australia

**Session 7C****Economic Evaluation 4****Location**

Session Chair

Jeffrey Cannon  
(Telethon Kids Institute)

The economic and health burden of disease caused by group A streptococcus in Australia and New Zealand.

An Tran-Duy  
(University of Melbourne)

A Health Economic Analysis of Stopping TNF-Inhibitor Treatment in Rheumatoid Arthritis Patients in Remission or Low Disease Activity: results from the POET study

**Session 7D****Out-of-Pocket Health Expenditure****Location**

Session Chair

Joelle Fong  
(Nanyang Tech University)

Out-of-pocket Healthcare Spending Burdens among Older Americans with Functional Disabilities

Tianxin Pan  
(University of Melbourne)

Can households insure consumption against NCDs in China?

**4:40 – 5:00: Awards Ceremony****Location TBC**