

PhD Confirmation

The University of Melbourne

Advancing Health Economic Evaluation Methodologies for Health Policy Design

Presenter: Michelle Tew

**Supervisors: Professor Philip Clarke,
Associate Professor Kim Dalziel, Professor
Karin Thursky & Associate Professor
Michelle Dowsey**

**Tuesday 29th May 4.30pm-5.30pm
Room 410, Level 4, 207 Bouverie Street**



Michelle Tew is a Health Economics Research Assistant and PhD Candidate at the Centre for Health Policy. In 2015, she began her role as a research assistant at the Health Economics Unit. Since then she has worked on a number of costing studies including analysing costs associated with Caesarean section for overweight women and in the implementation of a sepsis protocol pathway. She is also part of the team providing economic evaluation for the Medical Services Advisory Committee (MSAC) at the Department of Health to inform decisions about listing of new Medicare items.

Health economic evaluation is a fundamental component in helping inform health policy decisions, as the economic value of a health intervention is considered alongside its clinical value particularly in today's tight budgetary climate. However, to be useful to any decision or policy maker, methodological rigor and consistency is imperative. This PhD research aims to explore the limitations of current evaluation methodologies and implications for decision making and priority setting using specific case studies. These studies will focus on the two main components of an economic evaluation; cost and outcomes. Two studies will be presented in this seminar; one focusing on cost and the consequences of incorporating future medical costs when evaluating interventions in cancer patients where lifetime medical care is necessary, and another aims to understand the effects of outcomes such as quality of life when extrapolating outcomes in the area of orthopaedic surgery.