



Queensland University of
Technology (QUT)

School of Public Health
University of Sydney

THE GEORGE INSTITUTE

National Drug and Alcohol
Research Centre, UNSW

***One Day Professional Development Course organized by the Research
Methods Group, Institute of Health & Biomedical Institute, QUT***

An Introduction to the Application of Cost-effectiveness Analysis in Health

Course tutors

Nicholas Graves	Queensland University of Technology
Kate Halton	Queensland University of Technology
Marian Shanahan	NDARC (UNSW)
Alison Hayes	University of Sydney
Michelle Cunich	University of Sydney

Why? Across the globe, health sector organisations, both public and private, are increasingly being required to take economic considerations into account in their decision-making.

What is it? This course provides an introduction to the use of economic analysis in evaluating health programs. The course aims to provide participants with understanding of priority setting and the application of cost-effectiveness. It uses short lectures, case studies and practical class exercises.

Who is the course for? It is targeted at policy makers, clinicians, researchers, managers and others working in the health sector who may be interested in economic issues. No previous knowledge of economics is required.

Location Room Q430, Institute for Health & Biomedical Innovation (IHBI), Queensland University of Technology, 60 Musk Avenue, Kelvin Grove, Brisbane. Here is a map:
<http://www.qut.edu.au/about/location/kg.jsp>

Date	7 th December 2009
Time	9:00 am to 5:00 pm
Cost	Commercial Sector \$495
	Public Sector \$295
	Full-time students \$200

Enquiries trish.ballario@qut.edu.au

You can register by clicking this link or by pasting into your internet browser

<https://www.conferenceonline.com/index.cfm?page=booking&object=conference&id=14389&categorykey=78835304%2D3784%2D4D39%2D8D04%2DAE1960C94CEE&clear=1>

places are limited

An Introduction to the Application of Cost-effectiveness Analysis in Health

This course is organized in three modules

Module 1: Key concepts in economic evaluation. This is about the basic concepts in economics and economic evaluation. It includes a description about the role of economic evaluation in decision making, the various techniques used and the valuation of health outcomes using measures such as quality adjusted life years.

Module 2: Economic evaluation in practice. There will be a presentation of a case study showing how a cost-effectiveness analysis can be used to evaluate a healthcare decision. Participants will then undertake an exercise carrying out a cost-effectiveness analysis.

Module 3: The theory and practice of using economics approaches to priority setting. There will be a description of the techniques used for priority setting including program budgeting and marginal analysis, QALY league tables and using the burden of disease. The session will start with an exercise designed to highlight the issues that arise when allocating resources within the health sector such as the trade-off between equity and efficiency, followed by an examination of the economic approaches to addressing these problems.

Professional Background of Course Leaders

Nicholas Graves is an Associate Professor in Health Economics at QUT. Prior to coming to Australia in 2002 he spent 9 years in a research role at the London School of Hygiene & Tropical Medicine and taught post-graduate students courses at the London School of Economics. His current research includes the economics of healthcare acquired infection, the economics of screening for chronic and infectious diseases, cost-effectiveness and health related-behaviour for chronic conditions and modelling the relationship between depression and workplace productivity.

Marian Shanahan is a Health Economist and PhD Candidate at the National Drug and Alcohol Research Centre, University of New South Wales. She has considerable experience in the conduct of economic evaluations of interventions to reduce the impact of substance abuse. Her current interests are in quantifying the benefits and burdens of various cannabis policies.

Kate Halton is a visiting research fellow in Epidemiology and Health Economics at QUT. She has degrees from the Universities of Oxford and London and has completed her PhD studies at QUT. Her current research is about the economics of reducing healthcare associated infection. She uses evidence synthesis methods and decision analytic modelling to address questions about the cost-effectiveness of competing infection control programmes.

Alison Hayes is a research fellow at the School of Public Health, University of Sydney. She is currently engaged in research to develop simulation models of the progression of type 2 diabetes- to predict both patient outcomes and health economic outcomes. Other research interests include quality of life measures, inequalities in health, and obesity.

Michelle Cunich has a PhD (Economics) from The University of Sydney. She holds the joint position of Lecturer and Research Fellow in the School of Public Health, The University of Sydney. Her current projects include assessing the usefulness of a decision support tool for prostate cancer screening using PSA; the effects of socioeconomic characteristics on uptake of cancer screening tests; the degree of inequality in distributions of healthcare use; and costing healthcare resources used by chronic-disease groups.