

OTHER VERSIONS OF THIS COURSE IN 2010

YORK, ENGLAND March 29-31, 2010



Faculty at this location consist of Andrew Briggs, Karl Claxton, Elisabeth Fenwick, Stephen Palmer and Mark Sculpher.

For registration information at this location please contact: Elizabeth Ingham, Course Administrator, Centre for Health Economics, University of York, Alcuin 'A' Block, Heslington, York, YO10 5DD, England.

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<http://www.york.ac.uk/inst/che/training/modelling.htm>

GLASGOW, SCOTLAND September 15-17, 2010



Faculty at this location consist of Andrew Briggs, Karl Claxton, Elisabeth Fenwick, Stephen Palmer and Mark Sculpher.

For registration information at this location please contact Caroline Cecil, Public Health and Health Policy, University of Glasgow, 1 Lilybank Gardens, Glasgow, Scotland G12 8RZ

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QUOTES FROM RECENT PARTICIPANTS

"Highly recommended! Very impressed with the knowledge of all the instructors"

"A thorough course that provides an insight into best-practice analytical techniques"

"An excellent course. Inspiring presentations and very well prepared exercises and mentoring!"

"Very well prepared course – right balance with theory"

"Good to see how we apply the theory, this is what we've been missing in other courses"

"The modelling workshops in Excel are excellent and will be useful"

"Absolutely beneficial with exercises which include step-by-step instructions and handouts, template solutions, competent and friendly tutors. Thank you for a great course!"

"The combination of theory and 'hands-on' practical computer application is most effective"

"Thorough coverage of key issues in economic modelling"

"A well-organized, well thought-out, useful course that teaches and demonstrates applied methods for health economic modelling"

"Overall, a fantastic course! Would highly recommend it to others"

ADVANCED MODELLING METHODS FOR HEALTH ECONOMIC EVALUATION

3-Day Computer-Based Course

Bangkok, Thailand July 28-30, 2010

For registration information at Bangkok location please contact:

Christine Henderson, Workshop Coordinator, PATH Research Institute, McMaster University / St. Joseph's Healthcare, 25 Main St. West, Suite 2000, Hamilton, Ontario. L8P 1H1 Canada.

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TO REGISTER PLEASE GO TO OUR WEBSITE:

<http://www.path-hta.ca/workshop.htm>

This workshop is being held in collaboration with Health Intervention and Technology Assessment Program (HITAP), Thailand

For questions concerning this brochure please contact

Christine Henderson at 1-905-523-7284, x5268

hendersc@mcmaster.ca

COURSE DESCRIPTION & OBJECTIVES

FACULTY

This course is designed for participants who are familiar with economic evaluation in healthcare and who wish to learn how to use more modelling techniques. It is envisaged that participants will currently be undertaking modelling for health economic evaluation within the pharmaceutical and medical device industries, consultancy, academia or the health service. It is also appropriate for those reviewing or preparing economic evaluation evidence for public health authorities for reimbursement.

By the end of the course, participants will be able to:

- Develop and populate a decision model.
- Populate a Markov model with and without time-dependent probabilities.
- Make a model probabilistic to reflect parameter uncertainty and to run Monte Carlo simulation.
- Present the results of a probabilistic model using net monetary benefits and cost-effectiveness acceptability curves.
- Assess the expected value of perfect information.
- Learn experience related to the use of economic evaluation in making public policy decisions in Thailand.

The course will provide an introduction to decision models including decision trees and standard Markov models. Greater sophistication will be added as building blocks over the 3-day course. This will include adding time-dependency to Markov models, making models probabilistic, populating decision models using regression models, presenting the results of probabilistic models and undertaking value of information analysis.

Software and Prerequisites: This is an advanced course focusing specifically on decision modelling. Participants will be expected to have attended a general advanced course in economic evaluation such as that offered by the University of Oxford, the University of York, or McMaster University or be comfortable with the contents of "Methods for the Economic Evaluation of Health Care Programs" by Drummond, *et al*, 3rd Edition (Oxford University Press, ISBN #0-19-852945-7). This course will be 'hands-on' and participants will be expected to bring a laptop computer and mouse with Microsoft Excel™ for use throughout the course. Familiarity with Microsoft Excel is essential. You will receive a copy of *Decision Modelling for Health Economic Evaluation*, by Briggs, Claxton & Sculpher (Oxford University Press, 2006).



ABOUT BANGKOK: Bangkok, or Krungthep as the locals call it, is the capital of Thailand. A huge metropolis that extends either side of the Chao Phraya river and has over 10 million inhabitants. It is a modern, bustling city and with the new Suvarnabhumi airport, it acts as a major transportation hub in South East Asia. Anyone visiting Thailand, is likely to start their journey in Bangkok. Amid the sprawling expressways, clogged with traffic, there are some charming locations to be found, from the Royal Palace to near hidden temples and pagodas. Bangkok is a great place for shopping, with the popular malls at Siam Square, electronics markets at Pantip and the upmarket boutiques like Emporium. And of course, there is nightlife - when it gets dark, Bangkok has as much to offer as any capital city.

Andrew Briggs, DPhil, *Public Health & Health Policy,* *University of Glasgow, Scotland*

Andrew was appointed to the Lindsay Chair in Health Policy and Economic Evaluation in June, 2005. Andrew has an interest in all aspects of economic evaluation applied to health care, in particular the use of statistical methods for assessing cost and cost-effectiveness, and the use of risk/prognostic modelling for making treatment decisions and guiding policy.

Elisabeth Fenwick, DPhil *Public Health and Health Policy,* *University of Glasgow, Scotland*

Elisabeth joined Glasgow University in January 2006 from the Centre for Health Economics at the University of York, UK. Her research interests include decision modelling in economic evaluation, handling uncertainty and the use of Bayesian methods for health technology in assessment. In 2002-2003 Elisabeth was a post-doctoral visiting fellow at the Centre for Evaluation of Medicines, McMaster University, Canada.

Ron Goeree, MA *Programs for Assessment of Technology in Health* *(PATH) Research Institute McMaster University/* *St. Josephs Healthcare, Hamilton, Canada*

Ron is an Associate Professor in the Department of Clinical Epidemiology and Biostatistics at McMaster University and Director of PATH Research Institute. His research interests are centered around health technology assessment, decision modelling and economic evaluations. He currently heads up a large health technology assessment initiative for the Ontario Ministry of Health and Long Term Care.

Mark Sculpher, PhD *Centre for Health Economics,* *University of York, England*

Mark is Professor of Health Economics and leads the team for Economic Evaluation and Health Technology Assessment at the Centre for Health Economics at the University of York in the UK. His methodological interests include incorporating patient preferences into benefit measures in economic evaluation, handling uncertainty and decision analytic modelling. Mark is also interested in the use of economic evaluation in policy and is a member of the NICE Appraisal Committee and the NICE Public Health Interventions Advisory Committee.

Yot Teerawattananon, PhD and his team at HITAP will be leading session on the use of economic evidence in making policy decisions in Thailand.