

HCHE Research Seminar and PhD Course 24 to 25 April 2017

Overview:

- Date: 24-25 April 2017
- Time:
 - 24 April: arrival of Prof. Mike Drummond, individual meetings (please ask for an appointment: andrea.buekow@uni-hamburg.de)
 - 24 April, 4:30 pm: HCHE Research Seminar
Title: Where politics and economics collide: the case of orphan drugs
 - 25 April, 9:00 am - 5:00 pm: PhD Course
Title: Methodological and Policy Issues in Economic Evaluation
- Place: HCHE, Esplanade 36
 - HCHE Research Seminar: Rooms 4011/13
 - PhD Course: Rooms 4030/31
- Instructor: Professor Mike Drummond, Professor of Health Economics and former Director of the Centre for Health Economics at the University of York
- Teaching language: English
- Credit Points: 1 SWS/2 LP (Universität Hamburg)
- Registration for PhD Course: andrea.buekow@uni-hamburg.de, no later than 14 April 2017

PhD Course

Methodological and Policy Issues in Economic Evaluation

The **objective** of this one-day workshop is to enable participants to gain an appreciation of the current methodological and policy issues in the economic evaluation of health technologies.

The workshop will be structured as follows:

Methodological guidelines for economic evaluation

Several guidelines for the methods and conduct of economic evaluation exist in different jurisdictions. The various guidelines will be compared and contrasted, in order to illustrate the key methodological features of these studies.

Current methodological challenges in economic evaluation

A number of key methodological challenges exist. A number of these will be discussed, within the context of modeling the cost-effectiveness of alternative treatments and technologies. These include: the choice of perspective; making indirect treatment comparisons; characterizing uncertainty in estimates; use of surrogate outcomes; limitations of the 'quality-adjusted life-year' (QALY) as a measure of value.

Policy development using economic evaluation

The purpose of conducting economic evaluations is to inform policies for the introduction, diffusion and use of health technologies. The general health policy landscape will be discussed and specific policies examined, including 'value-based pricing' and 'performance-based risk-sharing schemes'.

Specific topics in the use of economic evaluation

Although in principle all health technologies can be assessed using economic evaluation, some technologies pose particular challenges. Several of these cases will be explored, including therapies at end-of-life, drug for rare diseases (aka 'orphan drugs'), precision medicine strategies, medical devices and broad public health interventions.

Schedule

Time	Topic Outline
09:00-09:15	Introductions
09:15-10:30	Methodological guidelines for economic evaluation
10:30-10:45	<i>Break</i>
10:45-12:30	Current methodological challenges in economic evaluation
12:30-01:30	<i>Lunch</i>
01:30-03:00	Policy development using economic evaluation
03:00-03:15	<i>Break</i>
03:15-03:45	Specific topics in the use of economic evaluation
04:45-05:00	Conclusion, evaluation

Student Assessment Methods

Assessment will be based on active participation and performance on assignments. Grading for students of University of Hamburg will be pass/fail.

Biography

Michael Drummond, BSc, MCom, DPhil is Professor of Health Economics and former Director of the Centre for Health Economics at the University of York. His particular field of interest is in the economic evaluation of health care treatments and programmes. He has undertaken evaluations in a wide range of medical fields including care of the elderly, neonatal intensive care, immunization programmes, services for people with AIDS, eye health care and pharmaceuticals. He is the author of two major textbooks and more than 650 scientific papers, and has acted as a consultant to the World Health Organization and the European Union. He has been President of the International Society of Technology Assessment in Health Care, and the International Society for Pharmacoeconomics and Outcomes Research. In October 2010 he was made a member of the National Academy of Medicine in the USA. He is currently Co-Editor-in-Chief of Value in Health and has been awarded 3 honorary doctorates, from City University (London), Erasmus University (Rotterdam) and the University of Lisbon.