



Introduction to the Economics of Health and Health Care



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Time : 3:00 pm
Venue : Room 1122, William M W Mong Engineering Building, CUHK

Abstract

Health economics applies economic theory and methods to the study of health and health care, with a focus on how scarce resources can be allocated efficiently and equitably to improve population health within constrained budgets. The lectures will give you an broader understanding of how economic evaluation of health interventions, including pharmaceuticals, medical devices, diagnostics, and service delivery innovations are applied by policymakers and Health Technology Assessment (HTA) bodies in real-world decision-making.

We will explore how costs and benefits of health interventions are examined and the role of health economics in maximising health gains while accounting for the roles of patients, health care providers, and government policy. By the end of the lecture you will be able to:

- Apply economic concepts to healthcare interventions
- Understand and critically appraise methods of economic evaluation used in health care
- Explain the role of HTA bodies in funding decisions in informing funding and pricing

Biography

Nishma completed her MSc in Health Economics at City University, London. Prior joining UCL, she was employed by University of Oxford, National Perinatal Epidemiology Unit (NPEU) and involved in perinatal research, conducting economic evaluations alongside clinical trials. In 2017, she joined the Engineering and Physical Sciences Research Council (EPSRC) Future Targeted Healthcare Manufacturing (FTHM) Hub. The Hub addresses manufacturing, business and regulatory challenges to ensure that advanced therapy medicinal products (ATMPs) can be developed quickly and manufactured at a costaffordable to society. Nishma's role is to evaluate the cost, cost-effectiveness, value and affordability of ATMPs and appraise thereimbursement mechanisms for ATMPs.

*** ALL ARE WELCOME ***

For enquiries, please contact Ms. Joyce Chan, Department of Biomedical Engineering at 3943 8278