



ReSET: Global Health Economics Programme

Summer Session I: July 24th – August 7th

Global Health Economics is a three-year course built around four distinct but inter-related themes that lie at the core of contemporary approaches to health economics. These themes are not self-contained modules, but rather serve as inter-related and inter-dependent containers of knowledge and method which allow us to study both what produces health as well as how we produce health care. Themes (2) and (3), through conceptualising health as a good in a market characterised by ‘failures’, allow us to develop the theory of health economics. Themes (1) and (4) relate to theoretical core by addressing (in 1) the factors *other than health care provision* that impact population health; and (in 4) the way in which ‘choices’, policies and developments *within health care itself* act to produce health.

<p style="text-align: center;">Theme 1: Population Health:</p> <p><i>Why are some people healthy and others not? Or: (Williams, 1987 ‘plumbing’ diagram) ‘what influences health other than health care?’</i></p> <ul style="list-style-type: none"> • Health production; Health over the life-course • Infectious and non-infectious diseases • Global Health: profiles and problems • Socioeconomic status and health • Health behaviours; Economics of alcohol, tobacco, narcotics • Measuring population health (data and empirical analysis) • Epidemiology and Demography (different approaches) 	<p style="text-align: center;">Theme 2: Health as a product:</p> <p><i>Why don’t we just buy and sell as much health as we need? Or: What is health? How do we measure it? And where is the market for it?</i></p> <ul style="list-style-type: none"> • Economic tools for health economics • Health as a good; the value of health; Health utility measurement • Demand for healthcare: conceptual • Demand for healthcare: empirical • Health insurance, user charges, price and non-price rationing • Asymmetric information and agency
<p style="text-align: center;">Theme 3: Supply of Health:</p> <p><i>How can and do we supply health care and services? Or: How to organise the provision of healthcare; how to finance the providers?</i></p> <ul style="list-style-type: none"> • What are the intermediary organisations (GPs, hospitals, primary care)? • Markets, access, provision • Competition, payment, incentives • How to measure the productivity and performance of the health system? • Who are the health workers (a global healthcare workforce)? 	<p style="text-align: center;">Theme 4: Health Provision and Health:</p> <p><i>How should society spend its health resources? Or: How much should society spend/intervene on health? What should it target?</i></p> <ul style="list-style-type: none"> • The technological background: costs, pharmaceuticals, cures • Micro evaluation: treatment level cost-effectiveness • Macro evaluation: comparative health systems • Political economy of health care and health care reform • Ethics, Equity, Efficiency, Need



Course Organisation

The structure outlined above serves as a conceptual framework and reference point for the three-year programme and is loosely reflective of Williams (1987) well-known 'plumbing' diagram which identifies several inter-related themes of health economics, incorporated coherently within our four themes. In **year one** much of the focus will be on the core foundation components under themes (2) and (3). Themes (1) and (4) will also be introduced and different perceptions and perspectives around them explored. In **years two and three**, these will be developed more systematically, at least in part, by drawing heavily on and revisiting the year one foundation in the theory of health economics.

The reading list below provides (for each of the 4 themes) a reference to the core textbook (Folland, S., Goodman, A. & Stano, M. (2010) *The Economics of Health and Health Care* (6th Edition – International)) and the collection of articles in *The Oxford Handbook of Health Economics* (Glied, S. & Smith, P. (eds)). Each participant will receive a copy of the core text (Folland et al.) and we will arrange for copies to be made of the key parts of the Handbook. Additionally, we hope to develop an online resource area, within which we will progressively add references and materials to the 4 core themes (Population Health; The Health Product; Supply of Health; Health Provision) as the programme develops.

Logistics

There are 5 timetabled periods each day (the middle Sunday is a rest day) as detailed below, though our use of them will vary substantially over the summer session. The programme is intensive but does also allow time for some less formal, collective activities:

<p><u>Period 1</u>: 10.00 – 11.30 <i>Break (30 minutes)</i> <u>Period 2</u>: 12.00 – 13.30 <i>Lunch (1 hour 30 minutes)</i> <u>Period 3</u>: 15.00 – 16.30 <i>Break (30 minutes)</i> <u>Period 4</u>: 17.00 – 18.30 <i>Break (1 hour)</i> <u>Period 5</u>: 19.30 – 21.00</p>
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Core Reading Materials

Folland, S., Goodman, A. & Stano, M. (2010) *The Economics of Health and Health Care*. Pearson, 6th (International) Edition.

Glied, S. & Smith, P. (eds) (2011) *The Oxford Handbook of Health Economics*. Oxford, UK.



Reading by theme: core texts

Theme 1: Population health

Folland, Goodman and Stano:

- **Chapter 5: Production of Health**
- Chapter 24: *The Health Economics of Bads*
- **Chapter 25: Epidemiology and Economics: HIV/AIDS in Africa**
- Chapter 3: *Statistical Tools for Health Economists*

Handbook of Health Economics:

- **Chapter 6: Health Production (Kristian Bolin)**
- **Chapter 7: Socioeconomic Status and Health: Dimensions and Mechanisms (David Cutler, Adriana Lleras-Muney and Tom Vogl)**
- Chapter 8: *Determinants of Health in Childhood* (Michael Baker and Mark Stabile)
- Chapter 9: *Economics of Infectious Diseases* (Ramanan Laxminarayan and Anup Malani)
- Chapter 10: *Economics of Health Behaviours and Addictions: Contemporary Issues and Policy Implications* (Donald Kenkel and Jody Sindelar)
- Chapter 23: *Disease Prevention, Health Care, and Economics* (Jane Hall)

Theme 2: Health as a product

Folland, Goodman and Stano:

- Chapter 1: *Introduction*
- Chapter 2: *Microeconomics tools for Health Economics*
- Chapter 4: *Statistical tools for Health Economics*
- **Chapter 5: Production of Health**
- **Chapter 7: Demand for Health Capital**
- Chapter 8: *Demand and Supply of Health Insurance*
- Chapter 9: *Consumer Choice and Demand*
- Chapter 10: *Asymmetric Information and Agency*
- Chapter 11: *The Organisation of Health Insurance Markets*

Handbook of Health Economics:

- Chapter 11: *Economics and Mental Health: An International Perspective* (Richard Frank)
- **Chapter 17: Guaranteed Access to Affordable Coverage in Individual Health Insurance Markets** (Wynand PMM van de Ven and Frederik Schut)
- **Chapter 18: Managed Care** (Laurence Baker)
- **Chapter 19: Hospitals: Teaming Up** (Pedro Pita Barros and Pau Olivella)
- **Chapter 20: Primary Care** (Anthony Scott and Stephen Jan)
- **Chapter 21: The Global Health Workforce** (Till Barnighausen and David Bloom)
- Chapter 24: *Long-term Care* (Jose-Luiz Fernandez, Julien Forder and Martin Knapp)
- **Chapter 25: Physician Agency and Payment for Primary Medical Care** (Thomas McGuire)
- **Chapter 26: Provider Payment and Incentives** (Jon Christianson and Douglas Conrad)
- **Chapter 28: Increasing Competition Between Providers in Health Care Markets: The Economic Evidence** (Carol Propper and George Leckie)
- Chapter 29: *Measuring Organisational Performance* (James Burgess Jr. and Andrew Street)
- **Chapter 30: Health System Productivity** (Jack Triplett)
- Chapter 33: *Health Utility Measurement* (Donna Rowen and John Brazier)



Theme 3: Supply of health

Folland, Goodman and Stano:

- **Chapter 6: *The Production, Cost, and Technology of Health Care***
- **Chapter 14: *Hospitals and Long-Term Care***
- **Chapter 15: *The Physicians Practice***
- **Chapter 16: *Health Care Labour Markets and Professional Training***
- **Chapter 17: *The Pharmaceutical Industry***

Handbook of Health Economics:

- Chapter 4: *The Political Economy of Health Care* (Caroline Hughes and Sherry Glied)
- **Chapter 5: *The Promise of Health: Evidence of the Impact of Health on Income and Well-Being* (William Jack)**
- **Chapter 14: *Health Care Cost Growth* (Michael Chernew and Dustin May)**
- Chapter 22: *The Economics of the Biopharmaceutical Industry* (Patricia Danzon)
- Chapter 31: *The Methods of Cost-Effectiveness Analysis to inform Decisions about the Use of Health Care Interventions and Programs* (Simon Walker, Mark Sculpher and Mike Drummond)
- Chapter 32: *Analysing Uncertainty in Cost-effectiveness for Decision Making* (Susan Griffin and Karl Claxton)
- Chapter 36: *Inter-generational Aspects of Health Care* (Louise Sheiner)

Theme 4: Health provision and welfare

Folland, Goodman and Stano:

- **Chapter 6: *The Production, Cost, and Technology of Health Care***
- **Chapter 18: *Equity, Efficiency and Need***
- **Chapter 19: *Government Intervention in Health Care Markets***
- **Chapter 20: *Government Regulation: Principal Regulatory Mechanisms***
- **Chapter 21: *Social Insurance***
- Chapter 22: *Comparative Health Care Systems*
- Chapter 23: *Health System Reform*

Handbook of Health Economics:

- Chapter 2: *Health Systems in Industrialised Countries* (Bianca Frogner, Peter Hussey, and Gerard Anderson)
- Chapter 3: *Health Systems in Low- and Middle-income Countries* (Anne Mills)
- **Chapter 12: *Public Sector Health Care Financing* (Ake Blomqvist)**
- **Chapter 13: *Voluntary Private Health Insurance* (Peter Zweifel)**
- **Chapter 15: *User Charges* (Erik Schokkaert and Carine Van de Voorde)**
- **Chapter 16: *Insurance and the Demand for Medical Care* (Mark Pauly)**
- Chapter 27: *Non-price Rationing and Waiting Times* (Tor Iverson and Luigi Siciliani)
- **Chapter 34: *Concepts of Equity and Fairness in Health and Health Care* (Jan Abel Olsen)**
- Chapter 35: *Measuring Inequality and Inequity in Health and Health Care* (Eddy van Doorslaer and Tom van Ourti)
- Chapter 37: *Econometric Evaluation of Health Policies* (Andrew Jones and Nigel Rice)
- Chapter 38: *Health Economics and Policy: The Challenges of Proselytizing* (Alan Maynard and Karen Bloor)



Summer Session Week 1: Monday 25th – Saturday 30th

MONDAY 25 th July		
Session	Title	Faculty
10.00 – 11.30	Introduction - What is (global) health economics?	Chris Gerry
12.00 – 13.30	Population Health 1: Missing Women	Judith Shapiro
15.00 – 16.30	Population Health 2: Global Health overview	Betsy Brainerd
17.00 – 18.30	GHE: organisation, needs analysis, portfolios	Chris Gerry
19.30 – 21.00	<i>Collective social/sports event</i>	<i>Social</i>

TUESDAY 26 th July		
Session	Title	Faculty
10.00 – 11.30	Health Product 1: Micro foundations, ch.2 (& 4)	Betsy Brainerd
12.00 – 13.30	Health Product 2: Micro foundations, ch.18	Chris Gerry
15.00 – 16.30	Population Health 3: Health statistics	Peter Mihalyi
17.00 – 18.30	<i>Collective social/sports event</i>	<i>Social</i>
19.30 – 21.00	GHE: small group meetings	All faculty

WEDNESDAY 27 th July		
Session	Title	Faculty
10.00 – 11.30	Health Product 3: Health production, ch.5	Betsy Brainerd
12.00 – 13.30	Health Product 4: Health production, ch.5	Betsy Brainerd
15.00 – 16.30	Population Health 4: Health statistics (ch. 3)	Peter Mihalyi
17.00 – 18.30	Health Provision 1: Health systems analysis	Benoit Mathivet
19.30 – 21.00	<i>Film showing</i>	<i>Social</i>

THURSDAY 28 th July		
Session	Title	Faculty
10.00 – 11.30	Parallel sessions: Microeconomics for health Parallel sessions: Health for economists	Betsy Brainerd Judith Shapiro
12.00 – 13.30	Parallel sessions: Microeconomics for health Parallel sessions: Health for economists	Betsy Brainerd Judith Shapiro
15.00 – 16.30	Health Provision 2: Health systems analysis	Benoit Mathivet
17.00 – 18.30	Health Product 5: Demand for health, ch.7	Chris Gerry
19.30 – 21.00	GHE: small group meetings	All faculty

FRIDAY 29 th July		
Session	Title	Faculty
10.00 – 11.30	Population Health 5: Mortality in Russia and FSU	Judith Shapiro
12.00 – 13.30	Health Product 6: Health insurance, ch.8	Peter Mihalyi
15.00 – 16.30	Population Health 6: Evaluating evidence (ch.3 background)	Betsy Brainerd
17.00 – 18.30	Population Health 7: Evaluating evidence	Betsy Brainerd
19.30 – 21.00	<i>Collective social/sports event (& faculty meeting)</i>	<i>Social</i>

SATURDAY 30 th July – short day		
Session	Title	Faculty
10.00 – 11.30	Health Product 7: Demand for health, ch.9	Chris Gerry
12.00 – 13.30	Health Product 8: Insurance, chs.10-11	Chris Gerry
15.00 – 16.30	Health Provision 3: Ethics of an ageing society	Peter Mihalyi



Summer Session Week 2: Monday 1st – Saturday 6th

MONDAY 1 st August		
Session	Title	Faculty
10.00 – 11.30	Health Product 9: Insurance, chs.10-11	Peter Mihalyi
12.00 – 13.30	Supply of Health 1: Production and costs, ch.6	Judith Shapiro
15.00 – 16.30	Supply of Health 2: Cost containment in OECD	Peter Mihalyi
17.00 – 18.30	Health Provision 5: Government Intervention, ch.19	Benoit Mathivet
19.30 – 21.00	GHE (needs analysis, portfolios, intersession)	Chris Gerry

TUESDAY 2 nd August		
Session	Title	Faculty
10.00 – 11.30	Health Provision 6: Government Regulation, ch.20	Benoit Mathivet
12.00 – 13.30	Supply of Health 3: Hospitals and Physicians, chs.14-15	Chris Gerry
15.00 – 16.30	Supply of Health 4: Hospitals and Physicians, chs.14-15	Chris Gerry
17.00 – 18.30	Supply of Health 5: Health care labour markets, ch.16	Mike Rowson
19.30 – 21.00	<i>Film showing</i>	<i>Social</i>

WEDNESDAY 3 rd August		
Session	Title	Faculty
10.00 – 11.30	Health Provision 7: Comparative Health Systems, ch.22	Judith Shapiro
12.00 – 13.30	Health Provision 8: Comparative Health Systems, ch.22	Judith Shapiro
15.00 – 16.30	Supply of Health 6: Pharmaceutical Industry, ch.17	Mike Rowson
17.00 – 18.30	Health Provision 9: Health policy (Tajikistan)	Benoit Mathivet
19.30 – 21.00	GHE: small group meetings	All faculty

THURSDAY 4 th August		
Session	Title	Faculty
10.00 – 11.30	Health Provision 10: Health policy (redistributive behaviour)	Mike Rowson
12.00 – 13.30	Health Provision 11: Post-communist health reform	Peter Mihalyi
15.00 – 16.30	Health Provision 12: Rationing	Chris G and Mike R
17.00 – 18.30	Global Health and interdisciplinarity	Mike Rowson
19.30 – 21.00	Presentation preparation	<i>Homework/all faculty</i>

FRIDAY 5 th August		
Session	Title	Faculty
10.00 – 11.30	Population Health 8: Economics of bads, ch.24	Chris Gerry
12.00 – 13.30	Population Health 9: Health behaviours in FSU	Judith Shapiro
15.00 – 16.30	Population Health 10: HIV/AIDS in Africa	Mike Rowson
17.00 – 18.30	Population Health 11: HIV/AIDS in FSU	Benoit Mathivet
19.30 – 21.00	<i>Collective social/sports event</i>	<i>Social</i>

SATURDAY 6 th August		
Session	Title	Faculty
9.00 – 10.00	Faculty meeting	All faculty
10.00 – 11.30	Group presentations	All faculty
12.00 – 13.30	Intersession plans, small groups and closing session	All faculty