

Principles of International Health

Dr Philip Jenkins
Spring Semester 2009

Vast differences in health care provision exist throughout the world. This is due partly to the differences in the distribution patterns of the major diseases and partly to variations in economic status, both within and between countries. Differences in climate, lifestyle and degree of urbanization also play a role. *International Health* explores all these factors, while concentrating on a selection of health aspects.

The programme consists of 18 sessions led by worldwide experts, most of whom are currently working, or have worked, with the World Health Organization. The sessions are intended to be interactive, with the aim of not merely providing facts but of stimulating exchange of ideas on some of the most important issues of humanity.

Background reading for each session will enable students to come to each session with an idea of what will be covered and with several points that they themselves would like to explore. Copies of *International Public Health*, Merson, MH et al (2001) will be available.

Assessment

- Participation 30%
- Short tests at the end of each week 30%
- Presentation of a briefing paper on a subject of choice (500 words) 40%

PROGRAMME

- 22 January Main Challenges in Global Child Health
Cynthia Boschi Pinto
Where and why are 10 million children dying every year? Black, RE et al. *Lancet* **361** 2226-2234 (2003).
4 million neonatal deaths: When? Where? Why? Lawn, JE *Lancet* **365** 891-899 (2005).
- 23 January WHO's Tobacco-free Initiative and country-level implementation of
the WHO Framework Convention on Tobacco Control
Katherine DeLand
WHO framework convention on tobacco control. World Health Organization (2003).
- 26 January Tuberculosis care and control
Diana Weil
Global epidemiology of tuberculosis. Dye, C *Lancet* **367** 938-940 (2006).
Global incidence of multidrug-resistant tuberculosis. Zignol, M et al. *J Infectious Diseases* **194** 479-485 (2006).
- 27 January Health service organization in developing countries
Richard Laing
Why do health systems matter? In: *The World Health Report 2000 Health systems: improving performance* 1-19 (2000).

- 28 January Essential medicines
Richard Laing
 Ensuring supplies of appropriate drugs and vaccines. Foster, S et al. In: *Disease control priorities in developing countries*, 1323-1337 (2006).
- 29 January HIV/AIDS
Antonio Gerbase
 The WHO public-health approach to antiretroviral treatment against HIV in resource-limited settings. Gilks, CF *Lancet* **368** 505-509 (2006).
 Gender and HIV/AIDS. Dept of Gender and Women's Health, World Health Organization (2003)
 Corruption and HIV/AIDS (2006).
- 2 February Global disease control and eradication
Rudi Tangermann
 When is a disease eradicable? 100 years of lessons learned. Aylward, B et al. *American Journal of Public Health* **90** (10) 46-51 (2000).
 Eradicating pathogens: the human story. Aylward, B & Birmingham, M *British Medical Journal* **331** 1261-1262 (2005).
 Poliomyelitis eradication and pandemic influenza. Heymann, D & Aylward, R *Lancet* **367** 1463-1464 (2006).
 Global health goals: lessons from the worldwide effort to eradicate poliomyelitis. Aylward, B et al. *Lancet* **362** 909-914 (2003).
 Impact of targeted programs on health systems: a case study of the polio eradication initiative. Loevinsohn, B et al. *American Journal of Public Health* **92** (1) 19-23 (2002).
- 4 February Family planning and unmet needs
Kelly Culwell
 Family planning: the unfinished agenda. Cleland, J et al. *Lancet* **368** 1810-1827 (2006).
 Future trends in contraceptive prevalence and method mix in the developing world. Bongaarts, J & Johansson, E *Studies in Family Planning* **33** (1) 24-36 (2002).
- 5 February Access to opioids for pain relief and treatment of dependence
 (+ film)
Willem Scholten
 Access to controlled medications programme. World Health Organization (2008).
 WHO paves the way for action to free people from the shackles of pain. *Anaesthesia and Analgesia* Special Issue (2009).
- 6 February Control of sexually transmitted disease
Francis Ndowa
 Sexually transmitted diseases: policies and principles for prevention and care. UNAIDS, World Health Organization (1999).
- 10 February World blindness and its control
Daniel Etya'ale
 Global data on visual impairment in the year 2002. Resnikoff, S et al. *Bulletin of the World Health Organization* **82** 844-851 (2004).
 The magnitude and cost of global blindness: an increasing problem that can be alleviated. Frick, KD & Foster, A *American Journal of Ophthalmology* **135** 471-476 (2003).

11 February Environmental health: effects on children

Noël Brune

Fetal origins of adult disease. *The Economist* (12 June 2003).

12 February Disease control in humanitarian emergencies

Michelle Gayer

Communicable diseases in complex emergencies: impact and challenges. Connolly, MA et al.

Lancet **364** 1974-1983 (2004)

Epidemics after natural disasters. Watson, JT et al. *Emerging Infectious Diseases* **13** (2007)

Conflict and emerging infectious diseases Gayer, M et al. *Emerging Infectious Diseases* **13** (2007)

16 February Nutrition and micronutrient deficiencies

Lisa Rogers

Nutrition: shaping globalization for poverty alleviation and food security, Julie Babinard and Per Pinstrup-Andersen, 2020 Focus 8.

Fourth Report on the World Nutrition Situation, Geneva: ACC/SCN, 2000.

Preventing and controlling micronutrient deficiencies in populations affected by an emergency. *Joint Statement by WHO, WFP and UNICEF*.

Focusing on anaemia. *Joint Statement by WHO, WFP and UNICEF*.

Iron supplementation of young children in regions where malaria transmission is intense and infectious disease highly prevalent. *Joint Statement by WHO, WFP and UNICEF*.

Overweight and obesity: A new nutritional emergency? United Nations Standing Committee on Nutrition.

17 February Antibiotic resistance (+ film)

Philip Jenkins

Antimicrobial resistance. *WHO Fact Sheet No. 194* (2002).

WHO Global Strategy for Containment of Antimicrobial Resistance (2001).

18 February **Presentation of briefing papers (500 words)**

19 February **Presentation of briefing papers (500 words)**

20 February Current issues in abortion

Ronnie Johnson

Unsafe abortion: the preventable pandemic. Grimes, GA et al. *Lancet* 2006; 368:1908-19.

A strategic assessment of abortion and contraception in Romania. Johnson, BR et al. *Reproductive Health Matters* 2004; 12(24 Supplement):184-194.

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