

CMED 6232 Infectious outbreaks and disasters

Coordinator: Dr LP Leung

Course Description: Human history has been intertwined with infectious outbreaks. From the outbreak of plague in the early 20th century in Manchuria to the most recent outbreak of Zika virus disease in South America, infectious outbreaks have claimed millions of lives and posed a major problem to the global healthcare system. Infectious outbreaks are closely related to disasters. By definition, infectious disease disasters are events that involve a biological agent or disease and cause mass casualties. They require a different management approach from other types of disasters in terms of mitigation, preparedness, response and recovery. This course is designed to provide students an overview of infectious outbreaks and disasters so that they can appraise the relationship between the two and critically analyze and propose strategic interventions in response to an infectious disease disaster from the public health perspective.

Prerequisite: None

Summer Term (Monday)

TA: Dr Joe Liu

Date	Time	Lecture Topic	Lecturer	Venue
30 Apr 2018	6:30 – 9:30 pm	1. Infectious outbreaks and disasters	Dr LP Leung	SR 6
07 May 2018	6:30 – 9:30 pm	2. How an infectious disease becomes a disaster	Dr LP Leung	SR 6
14 May 2018	6:30 – 9:30 pm	3. Infection as an aftermath of a disaster	Dr LP Leung	SR 6
21 May 2018	6:30 – 9:30 pm	4. Control of an infectious outbreak	Dr LP Leung	SR 6
28 May 2018	6:30 – 9:30 pm	5. Community response to an infectious disease disaster	Dr LP Leung	SR 6
04 June 2018	6:30 – 9:30 pm	6. Responding to an infectious disease disaster at personal level	Dr LP Leung	SR 6
25 June 2018	6:30 – 9:30 pm	7. Ethical issues in infectious outbreaks	Dr LP Leung	SR 6
09 July 2018	6:30 – 9:30 pm	8. From Ebola to Zika: lessons learned	Dr LP Leung	SR 6
16 July 2018	6:30 – 9:30 pm	9. Infectious disease disaster waiting to happen	Dr LP Leung	SR 6
23 July 2018	6:30 – 9:30 pm	10. TBC	Dr LP Leung	SR 6
06 Aug 2018	6:30 – 8:30 pm	Examination	/	SR 6

Course Assessment: In-class assessment - 40%
Examination – 60%

Recommended Textbooks:

SR6: Seminar Rooms 6, LG1/F Laboratory Block, Faculty of Medicine Bldg, 21 Sassoon, Road, HK.

TA(s)/ Tutor(s): Dr Joe Liu - email: jlyliu@hku.hk, Tel: 3917 9058.