

1/4/2008

Infectious Disease, GMS 6121 (Spring, 2008)
2:00 PM – 3:30 PM in R5-265

Recommended Text: Schaechter's Mechanisms of Microbial Diseases, 4th Ed.

Date	Subject	Faculty
Jan 8	Introduction and bacterial structure	Jin
Jan 10	Bacterial genetics	Jin
Jan.15	Bacterial genetics	Jin
Jan 17	Protein synthesis and secretion	Jin
Jan 22	Structure and general method of replication of viruses	Condit
Jan 24	Host Defenses (first line of defenses)	Jin
Jan 29	Host Defenses (second line of defenses)	Jin
Jan 31	General mechanisms of pathogenesis – I	Duckworth
Feb 5	General mechanisms of pathogenesis – II	Duckworth
Feb 8	Approaches to the bacterial pathogenesis-I	Jin
Feb 12	Approaches to the bacterial pathogenesis-II	Jin
Feb 14	Vaccines, antibiotics and resistance	Jin
Feb 19	Phage therapy, an emerging therapy	Duckworth
Feb. 21	<i>Salmonella/Shigella/Listeria/E.coli O157:H7</i>	Gulig
Feb. 26	Cholera	Gulig
Feb. 28	<i>Helicobacter pylori</i>	Jin
March 4	TB	Jin
March 6	Exam 1 (40%)	
March 10-14	Spring Break	
March 18	Syphilis	Duckworth
March 20	Prion diseases/Mad Cow disease	Duckworth
March 25	Influenza	Small
March 27	HIV/AID overview	Goodenow
April 1	AIDS and KSHV	Renne
April 3	Malaria	Lewin
April 8	Small pox, Monkey pox and myxoma	McFadden
April 11	Anthrax/Plague	Jin

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April 15 Student presentations
April 17 Student presentations

April 22 Student presentations
April 29 **Exam 2 (40%)**

Subjects of student presentations:

Yellow fever
Polio
SARS
Ebola virus
Bird flu
Dengue
West Nile
MRSA
Rheumatic fever
Typhus
Lyme disease
Legionella
HPV
M. leprea
Relapsing fever

Presentation and paper count 20%

<u>Participating faculty</u>	<u>Phone</u>	<u>Email</u>
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