

## Chapter 17

### New Infectious threats

#### A. Definitions

infection, pathogen, epidemic, pandemic

#### B. Diseases

Factors affecting how diseases spread:  
Host susceptibility/pathogen virulence  
Herd Immunity  
Weather  
Route of transmission  
Direct contact  
Food  
Water  
others...

#### C. Specific problems

Bioterrorism  
Anthrax  
Small pox  
?  
STD's  
bacterial  
viral

Antibiotic resistance