

Syllabus
Infectious Diseases in the News
Tuesdays 10-noon
Deborah Gold MD FIDSA

June 4 The Big Picture

historical and global impact of infectious diseases

Super-mini microbiology 101

definition of terms (bacterium, virus, pandemic, etc) so we are all on the same page

Plague- Then and Now

the great plague pandemics

plague in the 20th and 21st centuries

the political and social firestorm caused by plague in San Francisco 1900

Recommended reading- Chase, Marilyn (2003) *The Barbary Plague: The Black Death in Victorian San Francisco*. New York, NY: Random House

June 11 All Things Influenza

seasonal influenza

the seven influenza vaccines—a primer-

the amazing story of the influenza pandemic of 1918

influenza in San Francisco, 1918

the threat of pandemic influenza—can you prepare?

Recommended reading- Barry, John M (2004) *The Great Influenza*. New York, NY: Viking Penguin

June 18 Infections from Places We Thought Were Safe

Part 1 Foodborne Infections-

investigation of a foodborne outbreak

five outbreak vignettes

Jack in the Box E coli outbreak--wake up call for USDA and FDA

irrigation water standards under Trump

how to avoid getting sick from food in your refrigerator-

Part 2 Healthcare Associated Infections:

burden of healthcare associated Infections in US

public reporting of hospital infection rates

Clostridioides difficile and fecal transplantation

going into the hospital?- what could possibly go wrong?

multidrug resistant bugs

June 25 Resurgence of Childhood Diseases and the Antivaccination Movement

herd immunity

overview of measles, mumps and chickenpox

current measles outbreaks- east coast and west coast stories

outbreak vignettes-college students, cheerleaders, Waldorf school, Goldman Sachs

all about antivaxxers

Think You're Allergic to Penicillin? Think Again

how the penicillin allergy label drives bad medical decisions

Recommended reading not having to do with infectious diseases- Gawande, Atul (2015) *Being Mortal: Medicine and What Matters Most in the End*. New York, NY: Metropolitan Books