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


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?


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