# First Thought Experiment – Pre-midterm Topics

* Epidemiology
  + Epidemiology is the branch of medical science that studies the distribution of diseases in human populations and the factors determining that distribution, chiefly by the use of statistics.
  + It started by Dr. John Snow, who traced the source of a cholera outbreak in London, and after eliminating the source, realized how effective and efficient it was.
* Evolution
  + Evolution is biological change of the time.
  + Usually it is gradually and slow but it can occur very rapidly.
  + There is not single “proof” of evolution but their is a variatety of types of evidence that prove past and present evolution.
* Evolutionary Mismatch
  + If the environment evolves quickly enough, then the traits that we developed, that where once advantageous, are not necessarily still positive, and could actual be drawbacks.
* Heart Disease
  + Hear Disease describes any kind of problem that the heart can have, which there are multiple of, such asartherosclerosis and arrhythmia.
  + Causes:
    - Smoking
    - Sugar
      * High sugar -> High blood pressure -> heart disease
      * Sugar trade story
    - Obesity
    - Diabetes
      * Diabetes 1 is increasing and we don’t know why

# Second Thought Experiment – Pathos

* Do you wanna be alive o see you’re grandchildren?
* Wouldn’t it suck to house stroke? You’ll leave the rest of the family alone. What are we gonna do without you?
* Look at Jenny. Her mom had a stroke and she lost her way in life.
* Big pharma and big business wants you to be unhealthy so they can sell you more medicine and unhealthy foods.

Pathos