Public Health (10 Minutes)

* Number of people affected
* What does HIV/AIDS do to the body
  + Difference between HIV and AIDS
* Populations HIV/AIDS affects
* History of HIV/AIDS
* Antiretroviral therapy
  + Need to stay on it for your whole life
  + Three pills a day at bare minimum
  + Costs, personal, national, and global
  + Number of people on ART vs number of people affected

What is HIV? (15 Minutes)

* What is a cell? What is DNA? What is a virus?
* Virus infects T-cell
* Virus inserts instructions for making new viruses into cell’s DNA
* Cell spits out new viruses
* ART keeps the cell from making new viruses or kill viruses that have already been made
* What do you think will happen when you stop ART?
  + Viruses will keep getting made

Small Group Discussion (7 Minutes)

* Brainstorm general ways to stop HIV completely
* Hope that they come up with general ideas of:
  + Killing the cells with the “instructions”
  + Making it so the cells can’t produce any more viruses

Large Group Discussion (Remaining Time)

* What are the ways that people are researching?
  + Shock and Kill
  + Block and Lock