

## Unit 2: Lesson 2 – Case Studies: Influenza and HIV

### Activity 2: Causes and Consequences of an Influenza Pandemic

Watch the NOVA video segment about the influenza pandemic of 1918, known as the Spanish Flu. As you watch the video clip, answer the questions.

1. What example was used to illustrate that the 1918 influenza was the deadliest flu of all time?
2. What kind of virus caused the 1918 pandemic?
3. What made the 1918 flu virus so deadly?
4. How did scientists recover the 1918 flu virus for direct study?
5. What cells do flu viruses infect?
6. What protein is the “key” to accessing and infecting a cell?
7. What protein enables the flu virus to get out of a cell?
8. What is the significance of the letters and numbers in flu strains identified by the letters H and N?
9. How did researchers try to change the avian flu virus to make it more easily spread between humans?
10. How did researchers change the seasonal flu to make it become more lethal?