Each student will choose a different virus from the list, below.
Write a paper consisting of approximately five to seven pages with double line spacing.
Include a final page with cited references in APA format (not included in the seven pages).
Submit via D2L by the 11.20.14 due date. (Papers will be scanned for plagiarism.)
Each student MUST visit The Write Place at least once (see below).

Your paper MUST include:
General description of viruses.
Description of the subject virus:
- Discuss the family to which the individual virus belongs.
- Discuss the type of genetic material of the virus.
- Discuss the architecture of the virus (include size).
- Discuss some similarities/differences to/from other viruses.
  - Does this virus “bud” from the cell?
  - Does this virus lyse the cell?
  - Can this virus remain latent?
- Discuss the host/tissue/cell infected by the virus.
  - How does this virus infect the host organism?
  - How does this virus infect the cell? (Receptor?)
- Discuss disease(s) causes by the virus.
- Discuss any additional interesting facts about the virus (i.e., historical significance,
  dependence upon environmental factors for spread, dependence or interaction with
  other microbes, etc.)
- Discuss the ways currently used by “medicine” to treat viral infection.

LIST:
- Chicken pox/Shingles (VZV)
- Herpes Simplex I/II (HSV I and HSV II)
- Human Papillomavirus (HPV)
- Hepatitis A, B, and C Viruses (HBV)
- Cytomegalovirus (CMV)
- Epstein-Barr virus (EBV)
- Hantavirus
- West Nile virus
- Rabies virus
- Ebola virus
- Dengue virus or Lassa virus (choose one)
- Human Immunodeficiency Virus (HIV)
- Polio virus
- Adenovirus
- Rotovirus
- Small pox (Vaccinia)
- Rhinovirus
- Respiratory Syncytial Virus (RSV)
- Norovirus (Norwalk) (and similar viruses)
- Coxsackie virus (hand, foot and mouth disease)
- Influenza virus (flu)
- Measles (rubeola) virus
- Mumps or Rubella virus
- Aphthae epizooticae (Hoof-and-Mouth Disease)
- Tobacco Mosaic Virus
Virus Assignment –The Write Place Checklist

The Write Place visit must occur between 09.30.14 - 10.20.14 (by appointment only)

MANDATORY material to take to The Write Place:

1. Paper Outline
2. Rough draft of paper based upon descriptors listed above
3. Works cited page (references in APA format)
4. Reference materials (printed, electronic)

Information to be completed by The Write Place:

Date of visit: ____________________________

Initials of The Write Place mentor:

_______ Paper Outline reviewed (and edited, if necessary)
_______ Rough draft of paper reviewed and edited

_______ Introductory paragraph provides general information regarding viruses

_______ Paragraph(s) describing the general information regarding the specific virus chosen (historical significance, if applicable)

_______ Classification of specific virus chosen (genetic material)

_______ Mode of host cell infection (i.e., specific cellular receptor)

_______ Diseases caused by the virus

_______ Vaccines or Treatments

_______ Review of references (scholarly academic/peer-reviewed material preferred)

Additions, subtractions, edits (or any other additional notes/suggestions):