BIO 563 Virology
(Fall, 2012, Bull Run Hall 246)


Instructor: Yuntao Wu (Phone: 703-993-4299; email: ywu8@gmu.edu)
Office: PWII, Room 306
Class, Tuesday 7:20 pm – 10:00 pm. Bull Run Hall Room 247

August 27
   Introduction I: Dr. Wu and his research in HIV virology
September 3
   Introduction II: Flow cytometry
September 10
   Section I: Introduction to Virology
September 17:
   Section I: introduction to Virology
September 24
   Section II: Viruses of bacteria and archaea.
October 1
   Section III: Positive-strand RNA viruses of eukaryotes.
October 8
   Section IV: Negative-strand and double-stranded RNA viruses of eukaryotes.
October 15 (NO class)
October 22
   Section V: Small DNA viruses of eukaryotes.
October 29
   Section VI: Larger DNA viruses of eukaryotes.
November 5
   Section VII: Viruses that use a reverse transcriptase.
November 12
   Section VIII: Viroids and Prions.
November 19
   Section IX: Host Defenses Against Virus Infection.
November 26
   Section X: Antiviral Agents and Virus Vectors

December 3: Review

December 10: Final Exam

Final Exam: multiple choice

Paper Presentation or assay writing (30%)
* Class participation (30%)
Final Exam: multiple choice and short questions (40%)
Bonus for class activity: 5%
*Class participation:
- For each class attendance: 0.5%. Total: 10 classes x 0.5% = 5%
  Grade will be deducted for late (0.1% deduction) and half class (0.25% deduction)
- Activity in class: 2.5% for each class. Total: 10 classes x 2.5% = 25%
  excluding the first two class. Each student is required to ask at least 2 questions to the presenter to earn 2.5%. If good questions are asked, a bonus 0.5% will be awarded

A: 93-100%
A-: 90-92%
B+: 87-89%
B: 83-86%
B-: 80-82%
C+: 77-79%
C: 70-76%
D+: 60-69%
F: < 60%