BIO 563 Virology
(Fall, 2019, K. Johnson Hall 248)


Instructor: Yuntao Wu (Phone: 703-993-4299; email: ywu8@gmu.edu)
Office: PWII, Room 306
Class, Tuesday 4:30 pm – 7:10 pm. Bull Run Hall Room 248

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 (Self-Reading).

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
Section V: Small DNA viruses of eukaryotes.

October 22
Section VI: Larger DNA viruses of eukaryotes.

October 29:
Section VII: Viruses that use a revere transcriptase.

November 5
Section VIII: Viroids and Prions.

November 12
Section IX: Host Defenses Against Virus Infection.

November 19
Section X: Antiviral vaccine

November 26
Section XI: Antiviral Agents

December 3:
Section XII: Viral Vector

December 10: Reading week

December 17: 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+: 95-100%
A:  90-94%
A-: 85-89%

B+: 80-84%
B:  75-79%
B-: 70-74%

C+ 65-69%
C:  60-64%
D+: 50-64%
F:  < 50%

10/23/2018 - Adeyemi Olanrewaju: 5%