

BIO 154 AIDS AND OTHER EMERGING DISEASES, S '15

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Office hours: Monday 4-5 pm. Tea and chocolate will be served. Or by apt.

Teaching Assistants and Office Hours: TBA

An updated syllabus will be posted!

Texts

AIDS: The Biological Basis 6th ed (abbreviated "AIDS" on syllabus)

Race Against Time, Lewis, 2nd edition (abbreviated "Race" on syllabus)

Ebola (abbreviated "Ebola" on syllabus)

Sakai: check the Lessons section for lecture for required readings plus helpful websites, images, and videos.

Course Website:

I will post on the site course rules, announcements, optional readings, changes to the syllabus etc., as needed. There are also required readings posted on Sakai. Any email sent to your Duke email as listed on the website will count as official notification.

Academic Integrity: It is assumed that all students will follow the Duke Community Standard during this course. You are all responsible for helping your peers behave with integrity, which can mean letting them know when they make you uncomfortable by their actions. All instances of potential academic misconduct will be referred to the Office of Student Conduct. If you are found responsible for academic misconduct on an assignment you will receive a zero for that work. Don't get stressed and behind and put yourself in a situation where you will make a mistake. Instead, use all the resources available with me and the TA's to master the work and stay on top of the material.

Late policy: Unless otherwise indicated all work is due at the end of class on the day it is due. A late penalty will be assigned daily for late work.

Lectures:

Attend! People who come to class *always do better*, aren't surprised by the exams and generally are more interesting people. Much of the exams are based on lecture notes and discussions, plus there will be planned activities during class time.

Interact! Please feel free to ask a question at *any time*, anything from a penetrating, insightful probe into the material to "can you please repeat that?" Also, please meet with me or one of the TAs *whenever you have a question*, comment, etc. If you cannot make any of the office hours, please make an appointment.

Lunch! Ask me to Flunch! Or FInvite!

Grading:

Assignment 1	25 pts
Assignment 2	25 pts
Assignment 3	25 pts
Exam 1	100 pts
Exam 2	100 pts
Exam 3	125 pts
Total	400

Reading and Assignment Calendar:

	<u>AIDS</u>	<u>Race</u>	<u>Ebola</u>	<u>Lessons (Sakai)</u>
1/07 AIDS around the world	1-10			
1/12 "A Closer Walk"	18-25, 112-142			
1/14 "A Closer Walk"	145-156, (Boxes on p55, 64, 91, 193, 260)			
1/21 Molecular Biology	27-36			reading
1/26 State of Denial movie	99-107	pref,185-189		
1/28 HIV & Politics in S. Africa		Ch 2		reading
Assignment 1 Due				
2/2 HIV causes AIDS	boxes on 51,52			reading
2/4 HIV & Immune System	61-73			
2/9 HIV life cycle	36-53,78			
2/11 Tests for HIV infection	88-89,178-199			reading
2/16 Exam 1				
2/18 Antiretroviral drugs	55-56,75,202-227			
2/23 Evolution of Drug Resistance				reading
2/25 Vaccines	Ch 9			
3/2 "Deep South"				reading
Assignment 2 Due				
3/4 Structural issues				reading
3/16 Gender and HIV		Ch 4		
3/18 Origins of HIV	11-18			reading
3/23 Exam 2				
3/25 Antibiotic resistance				reading
3/30 Antibiotic resistance				reading
4/1 Emerging Infections				reading
4/8 Zoonoses and reservoirs			1-44	
Assignment 3 due				
4/13 Ebola movie			45-72	
4/15 Ebola			77-111	
4/20 Africa, Poverty, and AIDS		Ch 1, 5		
4/22 AIDS, Stigma, and You.				
4/28 FINAL 2 pm- 5 pm				