

BILD 36: AIDS Science and Society
Instructor: Evan Merkhofer
Email: emerkhofer@ucsd.edu

Winter Session, 2012
T Th 8:00am-9:20am Leddon Aud
Office Hours Th 4-5:30 pm HSS 1145C

WELCOME TO BILD 36! BILD 36 is an introduction to all aspects of HIV/AIDS for non-Biology majors. In this class, we will delve into subjects such as how the AIDS epidemic began, what the impact of the AIDS epidemic is on society, how HIV causes AIDS, HIV testing and prevention, and much more!

PREREQUISITES: There are no prerequisites for this class, other than a real interest in learning about AIDS.

COURSE OBJECTIVES: First and foremost, it is my goal for you that you succeed in this class, and as your instructor, I will make every effort to make sure that you do. In this course you will gain an understanding of the AIDS and how it impacts our society in a social and biological way, and be able to apply this knowledge to become better citizens.

STUDENT LEARNING OUTCOMES: At the end of course you will be able to:

- Evaluate the way in which HIV/AIDS impacts our society in a political, economical and social manner.
- Demonstrate an understanding of the biology of HIV, how it affects our body, and how it is treated.
- Develop skills of working together in groups through researching and presenting information about the HIV/AIDS crisis.
- Be able to reflect on important issues regarding HIV/AIDS through writing assignments.

PERSONAL LEARNING GOALS: Please write down a few goals you have for this course. These can be as general or specific as you'd like (we will use these goals later in the semester)

-
-
-

CONTACTING THE INSTRUCTOR: As the instructor of this course, I feel the ability of you as the student to interact with me as needed is a crucial aspect to your success in this course. I enjoy teaching and I enjoy talking with you. If you have questions or just want to explore an idea, come by. I will do everything within my power to always be available during my office hours, although sometimes important meetings are scheduled at that time without my consent. If I am not available during office hours, I will do my best to be available at another time. At times, I may be able to talk with you in my office at the spur of the moment outside of office hours. Often I cannot. Please ask if this is a good time and do not take it personally if I am busy.

EXPECTATIONS: It is my hope that this class will be a positive and enjoyable experience for you. My expectations of you as the student involve the following:

- Completion of the readings and assignments. The readings and assignments for this class are designed to enhance your learning and your completion of these are critical for your success as a student.
- Attendance of class. I expect that you will make every effort to attend class, however, I understand that certain circumstances may arise that may require your missing class. If this occurs, it is your responsibility to obtain the information that you missed.
- Participation. Your participation in lecture and discussion sessions is an essential part of your success in this class.

As the instructor, you can expect me to:

- Be prepared to engage with you as the student each and every class.
- Prepare the course and alter this plan as needed. I believe in learning-centered curriculum, and I will do everything I can to tailor the curriculum of this class to fit all the students needs.
- Give you feedback on your ideas and assignments
- Treat you, as adult learners, with the utmost respect.

TEACHING AND LEARNING STYLES: This is primarily a lecture course, but I understand that each student learns in his or her own best way. Therefore, I will utilize an array of different learning and teaching techniques to enhance your understanding of HIV/AIDS. These techniques will include textbook readings, powerpoint presentations, peer interaction during lecture, group discussions and projects, and writing assignments. If you feel any of these techniques present a problem for you, please contact me. Furthermore, I strongly urge you to contact me if you feel there is a learning style that works for you that is not being utilized. Clickers will also be used during class, so please make sure that you get one from the bookstore. Please register your clicker on the TED website.

CLASS PARTICIPATION: I strongly encourage students to ask questions in class. Framing questions is part of the learning process, and your questions help me to see how well you, as the student, understand the topic. I encourage students to ask questions during lecture and I will always do my best to make sure that the lecture is a comfortable place to ask questions. Furthermore, there will be many times I will ask you to interact with your peers to increase your understanding of different topics during the lecture. This may involve tailoring seating arrangements to allow for student interactions.

LECTURES Tuesdays and Thursdays 8:00am – 9:20 am Leddon Auditorium. Podcasts of the lectures will be available through podcast.ucsd.edu.

OFFICE HOURS Thursday 4-5:30 pm, HSS 1145C. Please see the note above regarding meeting with the instructor, as I will make every effort to meet with students as they need.

COURSE TEACHING ASSISTANTS (TAs) Jessica Lau (jel071@ucsd.edu), Geraldine Chan (g4chan@ucsd.edu), and Jennifer Gabriel (jngabrie@ucsd.edu). The TAs are your frontline resource in this class and want to help you in any way they can. Please contact them with any questions you may have about the discussion sections or other issues pertaining to material for the class.

TA OFFICE HOURS Jessica: Thursdays at 5pm-6pm in Perks
Geraldine: Tuesdays from 9:30am-10:30am at Cafe Roma
Jennifer: Wednesdays from 10-11am at Zanzibar

COURSE WEBSITE The course website is located on TED. Be sure to check the website for important announcements, especially if you missed a class. The course website contains required readings not in the textbook, and also contains many excellent resources to help further your success in this class.

SYLLABUS This syllabus is designed to guide your success in this course, please use it as a resource during this quarter. The lecture and discussion sections schedule is posted on the course website as well as outlined below. These schedules may change during the course, so check for any changes periodically.

TEXTBOOK **AIDS Update 2011.** Gerald Stine. McGraw Hill Higher Education. ISBN 978-0-07-352763-5. There will be additional readings accessible from the course website. Exams will cover material covered in lecture and in the readings. However, this may include information briefly discussed in class that is more extensively presented in the textbook. That said, you will generally not be required to learn things in more depth

than presented in the lecture. If you are unable to obtain this textbook, please let me know.

COURSE ETIQUETTE

Your learning in this class depends upon a relationship of mutual respect with the instructor and other students. Please make every effort to make it to class on time. However, I understand that situations arise that lead to tardiness, so if you arrive late, please make an attempt to make as little noise as possible. I'd rather you be late than not be there at all. Also please remember to turn off your cell phones during class to avoid disruptions. If you need to keep your phone on for emergency reasons, please turn it to vibrate or speak to me before class. Some students may prefer to use a laptop to follow along and take notes during lecture. However, I ask that you refrain from using your laptop for activities unrelated to class (e.g. facebook, chat, etc.) If this becomes an issue, I will amend this policy. Also, as this is an early morning class, if you choose to eat or drink during class, please do it quietly and respectfully.

EXAMS

There will be one Midterm Exam on February 14th (during class) and one Final Exam on March 22nd (8 am, location TBA). The exams are closed book. The Midterm will cover the about the first half of the quarter, the final will be cumulative but will concentrate mainly on material from the second half of the quarter. Please bring your **Student ID** to all examination sessions. No one may take the Final Exam early. All students are expected to take their exams at the scheduled times. If you miss an exam, you must provide official documentation of an unavoidable emergency (e.g. serious illness, etc.). Without such documentation, you will not be able to take a makeup exam and will receive a failing grade. Do not ask for a makeup exam except in a *dire emergency*. In the case of a makeup exam, an oral examination may be offered. **Please see the instructor if you have any questions about the format of these exams.**

GRADING

Your grade will be computed as follows:

- 10% Short papers on films
- 15% Poster
- 3% Participation (surveys, attendance for guest speakers)
- 8% Quizzes
- 30% Midterm Exam
- 34% Final Exam

There will be times when questions and issues come up regarding grading of exams and coursework. When they do, please contact me as early as possible. It is often much easier to fairly address any issues when they are small. Furthermore, if you have any questions about assignments (how to start, what is expected, etc.), please contact me.

REGRADE POLICY

I understand that there are sometimes errors made in grading. However, exams **must be written in pen** or will not be accepted for regrade. Exams written in pen but having writing masked by any form of **white-out or correction tape will not be accepted** for regrade. If an error has been made in the grading of your midterm, you may submit it to the instructor within *three days* of distribution for a regrade. Do not go to a TA for a regrade, although you may want to have one of them explain the answer to you before you come to me. Your midterm must be submitted with a *written* description of the grading error. I will not entertain discussions of such appeals before they are made in writing. I will consider *no more than three* "potential" errors per exam. If I think the TA was too generous grading it, I reserve the right to *lower* your score. Finally, it is critical that you *read the key* before submitting your regrade. It will be posted on the web site when the graded exams are distributed.

CHEATING

Students are expected to do their own work, as outlined in the UCSD Policy on Academic Integrity, and **cheating will not be tolerated**. All exams will be closed-book and closed-notes, so all personal materials must be stowed under your seat. Only exams written in non-erasable pen will be considered for regrades. Fifteen percent of the exams will be photocopied for comparison with submitted regrades. Because all exams are required for satisfactory completion of this course, any student caught cheating on an exam will receive a failing grade for the course. Furthermore, any plagiarism found in writing assignments or presentations will result in zero credit for that assignment. All instances of cheating will be reported to the UCSD Office of Student Conduct, and he/she may also be suspended from UCSD. For more information on UCSD's policy on academic integrity, visit:

<http://blink.ucsd.edu/Blink/External/Topics/Policy/0,1162,19400,00.html>

DISCUSSION SECTIONS Attendance and active participation in some of the discussion sections are mandatory! Some discussion sections will consist of short presentations by students on a subject related to HIV/AIDS, followed by questions from the rest of the class. Participation in the presentation, as well as the feedback portion of the discussion will contribute 15% of your grade. Section grades will be assigned by the TAs. Signup for sections is available at <https://sections.ucsd.edu/> following the first class. More information regarding the presentations to be made in discussion section will be provided in soon.

Tentative Discussion Section Schedule

Week of	Session	Activity
January 9	1	No section
January 16	2	Film - AIDS in Africa
January 23	3	Form Groups/Pick countries Discussion and Review/Group work
January 30	4	Quiz 1 Discussion and Review/Group work
February 6	5	Discussion and Review/Group work
February 13	6	No section
February 20	7	Film - Dealing with the Demon
February 27	8	Presentations groups 1-4
March 5	9	Presentations groups 5-8
March 12	10	Quiz 2 Discussion and Review

Discussion sections:

Monday 1:00pm – 1:50pm WLH 2208 – TA: Jennifer Gabriel

Wednesday 4:00pm – 4:50pm – CENTR 207 – TA: Geraldine Chan

Friday 9:00am-9:50am – HSS 1305 – TA: Jessica Lau

Monday, January 16 and Monday, February 20 are university holidays. Students in the Monday sections for these days may attend either of the other 2 sections to view the films, or choose to watch the films on their own.

LECTURE NOTES

I will make every effort to post some powerpoint slides on the website before class for you to use as a guideline during lecture if you desire. This is done as a courtesy, and these are not meant to serve as a substitute for lecture! The slides posted before class

are not comprehensive, and there will be additions to the lectures slides used by me during class, as well as material covered not on the powerpoint slides, so attendance at lecture is very beneficial.

FILMS

There will be 4 films that are required viewing for this course.

1) *A closer walk* (2003) (shown in lecture, streaming and on reserve) 80 min.

Profiles the AIDS epidemic in many countries. **Short paper and midterm**

2) *AIDS in Africa* (2000) (shown in discussion section, streaming and on reserve) 55 min.

Describes the impact of the AIDS epidemic in Zimbabwe. **Covered on midterm**

3) *The Age of AIDS* (2006) (available online, streaming and on reserve)

History of the epidemic, in the U.S. and abroad. (4 hours)

www.pbs.org/wgbh/pages/frontline/aids/

First half covered on midterm

Second half covered on final exam

4) *Dealing with the Demon, pt.3* (1997) 50 min. (shown in discussion, streaming and on reserve) Preventing the spread of HIV among IV drug users. **Short paper and final**

The films are available in the Film and Video Library in the basement of Geisel Library.

The films are also available for streaming, and can be accessed from a link on the course website under "resources", or through this link

<http://reserves.ucsd.edu/eres/coursepage.aspx?cid=18649&page=docs>

The password for accessing the videos is "EM36". You *must* access the films from a UCSD computer or use a proxy or VPN if you are off campus. If you are prompted for a **username**, then you are off campus and are not using a proxy or VPN. There is a link on the "Films" page of the class website with instructions for setting up a proxy or VPN.

STUDENTS WITH DISABILITIES POLICY

I am happy to accommodate the needs of students with learning disabilities.

Students requiring classroom or lab accommodations should submit an Authorization for Accommodation letter (AFA) to the professor and should email the professor to address these needs **as soon as possible**. If you feel you have a learning disability that requires accommodation for this class, please contact the UCSD Office of Disability Resources (x43320).

UCSD NON-DISCRIMINATION POLICY

UCSD seeks to create and maintain a campus environment of mutual respect and tolerance which is free of discrimination and harassment. UCSD in accordance with applicable Federal and State law and University policy, does not discriminate on the basis of race, color, national origin, religion, sex, disability, age, medical condition (cancer-related), ancestry, marital status, citizenship, sexual orientation, gender identity or status as a Vietnam-era veteran or special disabled veteran. UCSD also prohibits sexual harassment. This nondiscrimination policy covers admission, access, and treatment in University programs and activities.

All groups operating under The Regents including administrators, faculty, student government, University-owned residence halls, and programs sponsored by UCSD, are governed by this policy on nondiscrimination. The intent of the University's and UCSD's Policy on Nondiscrimination is to reflect fully the spirit of the law. In carrying out this policy, UCSD shall also be sensitive to the existence of past and continuing societal discrimination.

Tentative Class Schedule

Date	Session	Topics	Readings in <i>Stine</i>	Readings online
Tues, Jan 10	1	Introduction The Global Impact of AIDS	Pages xvi, 4-6a, POV 7.1	
Thurs, Jan 12	2	The Global Impact of AIDS	Pages xiii-xvi, 315-319, 334-340, 343	Articles 1-8, Handout 1
Tues, Jan 17	3	Statistical Overview of AIDS	Pages 275b-282a, 301b-308	Articles 9-14
Thurs, Jan 19	4	Film - A closer Walk		
Tues, Jan 24	5	Origin and History of AIDS	Pages 1-3, 15-24	Articles 15-16, Handout 2
Thurs, Jan 26	6	Origin and History of AIDS	Pages 58-61, 35b-43	Articles 17-21
Tues, Jan 31	7	Does HIV cause AIDS?	Pages 26-35	Articles 22-25
Thurs, Feb 2	8	Immunology		Articles 26-27
Tues, Feb 7	9	Immunology		
Thurs, Feb 9	10	Basic Biology Review		Article 28
Tues, Feb 14	11	Midterm		
Thurs, Feb 16	12	Biology of HIV		Articles 29-30
Tues, Feb 21	13	HIV testing	Pages 357-369	Article 31
Thurs, Feb 23	14	HIV transmission and prevention	Pages 171-186, 194-196, 207-215	Articles 32-34, Handout 3-5
Tues, Feb 28	15	HIV transmission and prevention	Pages 245-246, 248-250, 252b-253	Articles 35-40
Thurs, Mar 1	16	AIDS disease process	Pages 128-130a, 131, 148-158a, 166-168, Table 6.1	Articles 41-43
Tues, Mar 6	17	Guest Speakers		
Thurs, Mar 8	18	Therapies	Pages 63-96	
Tues, Mar 13	19	Guest Speakers		
Thurs, Mar 15	20	Therapies		
Thurs, Mar 22	--	Final Exam		

a=left column, b=right column, POV=Point of view