



TROPICAL DISEASES IN AFRICA (BI 309) WINTER 2019

SYLLABUS & LECTURE SCHEDULE

Time and place

- Lectures, Tuesday and Thursday, 10:00 - 11:20 PM, Jaqua 101
- Discussion sections, Tuesdays, 12, 1, 2 and 3 PM. Huestis 112

Instructors

Office hours and full contact information can be found on the Canvas website.

- Janis C. Weeks, Professor Emerita of Biology; Member, African Studies Program, jweeks@uoregon.edu
- Kris Chauvin, GE, kchauvin@uoregon.edu
- Allison Fuiten, GE, afuiten@uoregon.edu
- Marielos G D'Agostino, BULA/BPT, marielos@uoregon.edu

Assigned materials include:

- Books/readings
 1. Readings posted on Canvas website (as pdfs or urls)
 2. Textbook: *Parasitic Diseases*, 6th Edition, by Despommier, Griffin, Gwadz, Hotez & Knirsch. Free download from "Parasites without Borders" website (download the High Resolution version)
<http://www.parasiteswithoutborders.com/parasitic-diseases-6th-edition/>
 3. Textbook: *Forgotten People, Forgotten Diseases: The Neglected Tropical Diseases and their Impact on Global Health and Development*, 2nd Edition, 2013 (Hotez)
 4. *The Hot Zone: A Terrifying True Story* (Preston)
- Films/videos shown in class
- Lecture and readings from guest lecturer(s)
- Prof. Weeks' PowerPoint presentations posted on the course website. To promote active listening and engagement during lectures, ppt files will be posted following lectures.

Course Goals. My goals for students in this class are:

- To understand biological and medical aspects of major infectious and parasitic diseases of Sub-Saharan Africa.
- To understand basic principles of infectious disease, parasitology and epidemiology.
- To appreciate the impact of socioeconomic factors on health and healthcare delivery in Africa.
- To appreciate that, despite current challenges, the diverse peoples of Africa are resourceful, resilient and on an upward trajectory.
- To develop a foundation of concepts and skills to facilitate further learning, thinking, appreciation, action and/or careers in the area of global or public health.

Evaluation and grading

The final grade is computed as follows. Exams are closed-book except for one 3" x 5" double-sided card (or piece of paper) that may be taken to each exam.

- 35%, midterm exam

- 45%, final exam, 45% [35% new material (= “Midterm #2”) plus 10% cumulative material]
- 12%, discussion section assignments (done in class or out of class) and in-class quizzes. Discussion section assignments are scored with a \checkmark (check; worth 5 points) or no check (worth 0 points; if work is not turned in or is substantially deficient). Quizzes are scored between 0 and 5 points.
- 4%, book critique (*Hot Zone*) (may include a quiz)
- 4% film critique (*Contagion*) (may include a quiz)

At exams, students will be directed to seats by the instructors with as much space as possible between students. Questions regarding exam scoring should be addressed first to the individual who graded the question. If the question was graded incorrectly with respect to the official answer key, it will be corrected by the grader. Any other grading issues should be discussed with Prof. Weeks.

Communications

Before emailing a member of the teaching staff with a question, please check whether the information you seek is in the syllabus or on the website. We will attempt to respond to emails within 24 hours of receipt.

Class attendance, illness, missing or late assignments

Students are expected to attend all classes and arrive punctually. Please contact the instructor or GEs in case of illness or other situation that causes repeated absences or absence from an exam. Late assignments turned in after a student’s discussion section will receive no higher than \checkmark -. All arrangements regarding late assignments should be made with the GEs. Documentation of illness from the University Health Center may be required for a missed exam. Make-up or early exams will not be given, and the final cannot be rescheduled. Having said this, Prof. Weeks is willing to consider exceptions in special circumstances.

Students are encouraged to study in groups and to take advantage of office hours offered by the instructor and GEs to help ensure full understanding of the material.

Class Courtesy

Please arrive in class on time; late arrivals distract the instructor and the other students. Please turn off cell phones during the class meeting times and use your laptop only for class activities. Do not leave class early unless you have cleared it with the instructor in advance. Ask questions if you did not hear or understand something.

Class rosters are provided to the instructor with the student's legal name. We will gladly honor your request to address you by an alternate name or gender pronoun. Please advise the GEs and instructor of this preference early in the quarter (or before) so that we may address you properly.

Open inquiry, freedom of expression, and respect for difference are fundamental to a comprehensive and dynamic education. We are committed to upholding these ideals by encouraging the exploration, engagement, and expression of divergent perspectives and diverse identities. Classroom courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender, gender variance, and nationalities. Our classroom is a learning environment, and as such should be a safe, inclusive and respectful place. Being respectful also includes using preferred pronouns for your classmates. Disrespecting fellow students as well as combative approaches, tones and/or actions are not acceptable. Please make the instructor aware if there are classroom dynamics that impede your (or someone else's) full engagement.

Academic integrity

All students will be expected to adhere to the University’s guidelines on academic integrity as outlined in the Student Conduct Code: <https://policies.uoregon.edu/vol-3-administration-student-affairs/ch-1-conduct/student-conduct-code>. As detailed in the policy, academic misconduct means the violation of university policy involving academic integrity. This includes cheating (“any act of deception by which a student misrepresents or misleadingly demonstrates that the student has mastered information

on an academic exercise that the student has not mastered”), and plagiarism (“using the ideas or writings of another as one’s own.”) The instructor has a zero tolerance policy for academic dishonesty. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. All work submitted in this course must be students’ own and produced exclusively for this course. The use of sources (ideas, quotations, paraphrases, images) must be properly acknowledged and documented.

Students are encouraged to study together and work on assignments in groups; however, unless specified otherwise, each student must submit her/his individual written work that does not duplicate others’ work. Written assignments may be checked by the Canvas plagiarism platform.

Intellectual property and copyright

The course website may contain copyrighted works that are included with permission of the copyright owner, or under exemptions provided by U.S. Copyright Law (Sections 110, and/or 107). Course materials (including photographs) may not be redistributed without the instructor's permission.

Discrimination and Harassment

Prohibited Discrimination and Harassment

Any student who has experienced sexual assault, relationship violence, sex or gender-based bullying, stalking, and/or sexual harassment may seek resources and help at safe@uoregon.edu. To get help by phone, a student can also call either the UO’s 24-hour hotline at 541-346-7244 [SAFE], or the non-confidential Title IX Coordinator at 541-346-8136. From the SAFE website, students may also connect to Callisto, a confidential, third-party reporting site that is not a part of the university.

Students experiencing any other form of prohibited discrimination or harassment can find information at respect@uoregon.edu, aaeo@uoregon.edu or contact the non-confidential AAEO office at 541-346-3123 or the Dean of Students Office at 541-346-3216 for help. As UO policy has different reporting requirements based on the nature of the reported harassment or discrimination, additional information about reporting requirements for discrimination or harassment unrelated to sexual assault, relationship violence, sex or gender based bullying, stalking, and/or sexual harassment is available at <https://aaeo.uoregon.edu/content/discrimination-harassment>

Reporting

Prof. Weeks is a Student-Directed Employee. If you disclose to her, she will listen, be sensitive to your needs and desires, and not judge you. She will respond with respect and kindness and will support you. As part of that support, she will direct students who disclose sexual harassment or sexual violence to resources that can help. She will only report the information shared to the university administration when you as the student request that the information be reported (unless someone is in imminent risk of serious harm or is a minor). Please note the difference between ‘privacy’ and ‘confidentiality.’ As a Student-Directed Employee Prof. Weeks can offer privacy because she am not required to report certain information to the university. However, she cannot be bound by confidentiality in the same way that a counselor or attorney is. Confidential resources such as these means that information shared is protected by federal and state laws. Any information that she as a Student-Directed Employee receive may still be accessed by university or court proceedings. This means, for example, that she could still be called as a witness or required to turn over any related documents or her notes.

Please note also that Prof. Weeks is required to report all other forms of prohibited discrimination or harassment to the university administration. Specific details about confidentiality of information and reporting obligations of employees can be found at titleix@uoregon.edu.

Mandatory Reporting of Child Abuse

UO employees, including faculty, staff, and GEs, are mandatory reporters of child abuse. Child abuse pertains to individuals who are under the age of 18. This statement is to advise you that your disclosure of information about child abuse to the instructor may trigger her duty to report that information to the designated authorities. Please find detailed information about mandatory reporting here: <https://hr.uoregon.edu/policies-leaves/general-information/mandatory-reporting-child-abuse-and-neglect>.

Campus resources to support your learning

Tutoring and Academic Engagement Center (<https://engage.uoregon.edu/services/>). Drop-in math and writing support in addition to tutoring, study skills support, and Class Encore. Located in the 4th Floor Knight Library (541) 346-3226, engage@uoregon.edu.

Counseling Center Call anytime to speak with a therapist who can provide support and connect you with resources. Located on the 2nd Floor of the Health Center (541)346-3227

Accessible Education Center (AEC) UO is working to create inclusive learning environments and the instructor believes strongly in this goal. If there are aspects of the instruction or design of this course that result in barriers to participation, please notify the GEs or instructor as soon as possible. You are also encouraged to contact the AEC (located on the 1st Floor of Oregon Hall; (541) 346-1155; uoaec@uoregon.edu). If you are not a student with a documented disability, but you would like the instructor and GEs to know about class issues that will impact your ability to learn, we encourage you to visit during office hours to strategize how to get the most out of this course.

Center for Multicultural Academic Excellence CMAE's mission is to promote student retention and persistence for historically underrepresented and underserved populations. CMAE develops and implements programs and services that support retention, academic excellence, and success at UO and beyond. CMAE reaffirms their commitment to all students, including undocumented and tuition equity students. Located on the 1st Floor of Oregon Hall (541) 346-3479, cmae@uoregon.edu.

The *UO Access Shuttle* is an on-campus ride service provided at no cost to students with conditions that limit mobility. More information and a sign-up form can be found on the parking & transportation department website: <https://parking.uoregon.edu/content/access-shuttle>.

Safe Ride (541-346-7433 ext 2; <https://pages.uoregon.edu/saferide>) is an assault prevention shuttle that works to provide free, inclusive, and accessible alternatives to traveling alone at night for UO students, faculty, and staff. Safe Ride is a schedule-ahead service and riders can (1) call once we open to schedule a ride with a dispatcher or (2) leave a voicemail on the day of their ride request. We do not call riders ahead of time to confirm due to capacity constraints, but riders are always welcome to call us to double-check that their ride was scheduled. We are a feminist, 'for-the-students/by-the-students' organization and operate out of the Women's Center in EMU 12F.

Fall/winter term operating hours are Sunday through Thursday, 6 PM to midnight; Friday and Saturday, 6 PM to 2 AM. Policy and rules:

- We are a schedule-ahead service, we do not call ahead, and we can only wait for riders for 5 minutes at their pick-up time and location.
- We only give rides to groups of 3 or fewer to prioritize groups that are at higher risk.
- We are a free service and do not accept tips.

Emergency and safety information

- In Case of Emergency, **CALL 911**
- Call the UO Police Department (541) 346-2919 for non-emergency assistance.
- If we need to evacuate the building during class, evacuation routes are the 2 front doors and 1 back door of the classroom. The back door provides the fastest exit from the building. Our designated assembly point is the parking lot due east of the Jaqua building.

LECTURE SCHEDULE (subject to change)

Week	Date	Day	Lecture	Discussion Section
1	Jan 8	Tue	The African continent; parasite/host relationships	None
	10	Thurs	Protozoal diseases	
2	15	Tue	Protozoal diseases, cont'd.	Yes-CDC Yellow Book assignment
	17	Thurs	Protozoal diseases, cont'd.	
3	22	Tue	Neglected Tropical Diseases (NTDs); Nematode diseases	Yes-TBA
	24	Thurs	Nematode diseases, cont'd.	
4	29	Tue	Nematode diseases, cont'd.	Yes-TBA
	31	Thurs	Nematode diseases, cont'd.	
5	Feb 5	Tue	Midterm exam	None
	7	Thurs	Trematode diseases	
6	12	Tue	Trematode diseases, cont'd	Yes-Microscopy
	14	Thurs	Emerging infectious diseases (EIDs); Viral Diseases	
7	19	Tue	Viral Diseases, cont'd.	Yes- <i>Hot Zone</i> assignment due
	21	Thurs	" <i>Contagion</i> "	
8	26	Tue	" <i>Contagion</i> "; Viral Diseases, cont'd.	Yes- <i>Contagion</i> assignment due
	28	Thurs	Guest lecture by Rob Gertler, M.D.	
9	March 5	Tue	Bacterial diseases	Yes-TBA
	7	Thurs	Bacterial diseases, cont'd.	
10	12	Tue	Bacterial diseases, cont'd.	Yes-TBA
	14	Thurs	Theory of demographic transition; The future	

Important dates

- Feb. 19 in discussion section: *The Hot Zone: A Terrifying True Story* assignment due.
- Feb. 26 in discussion section: *Contagion* assignment due.
- Final Exam: 8:00 AM Monday, March 18.

