

Exams and Grading: There will be an open-note take home exam at both midterm and final. **This exam format should allow you to focus your attention on the major lessons of the course, as opposed to trying to determine what specific information presented you will be accountable for.** Each will be worth 30%, with the remaining 40% attained through active participation (i.e. reading the papers and then

interacting verbally in class). As students will have a world of information at their fingertips while taking these exams, correspondingly better answers can be expected. Apparent real understanding and potential insights then become the 'best' answers. However, all previously expressed ideas and opinions must be properly attributed to their sources ('cited' by author, journal, and year), and made distinct from any of one's own. Any **plagiarism**, or using whole sentences or intact phrases written by others will be verified, **resulting in failing grades followed by University disciplinary action**. Contact the course director if any part of this policy is unclear, or there are any issues in terms of language translation. Consulting with other students, lab mates, or mentors on exam questions **is also not allowed**.

Attendance: As this class will only meet 15 times, any absences **must be** arranged ahead of time with the course director. Although your experiments are at times similarly important, you must also prioritize your reading and attendance properly if you are to succeed in academics, both now or in the future. (Any class cancellations due to weather or changes in schedule will be arranged by faculty as necessary).

MBIO 687	MICROBIAL PATHOGENESIS	Tuesdays 3-5 PM	CTR 601
Jan. 15	Introduction and Overview of Infectious Disease		Graham
Jan. 22	Molecular pathogenesis of <i>Helicobacter pylori</i>		Graham
Jan. 29	Streptococcal diseases		Graham
Feb. 5	<i>Pseudomonas aeruginosa</i> and pseudomonads		Yoder-Himes
Feb. 12	Mechanisms of <i>Klebsiella</i> pathogenesis		Warawa
Feb. 19	Burkholderias		Warawa
Feb. 26	Diversity of <i>Escherichia coli</i> pathogenic mechanisms (Take Home Exam I)		Miller
March 5	Molecular pathogenesis of <i>Staphylococcus</i>		Potempa
March 12	Spring Break & St. Patrick's Day		
March 19	<i>Yersinia</i> host cell interactions		Lawrenz
March 26	Cellular microbiology of <i>Legionella</i>		Abu Kwaik
April 2	Major human parasitic infections		Graham
April 9	Cellular microbiology of <i>Salmonella enterica</i> (Take Home Exam II- due 4/23/19)		Graham
April 16	Molecular biology of <i>Mycobacterium tuberculosis</i>		Graham