

BIOL 5301 (CRN 28440)
Select Adv Topics Biological Science

Scientific communication: how to read and write science literature

Instructor: Kyung-An Han, Ph. D.

Office: 3.152 Biosciences Building

Hours: by appointment

Email: khan@utep.edu

Course objectives :

Reading and writing scientific papers are essential for graduate students and research professionals. As there are many scientific papers published, it is also critical to develop an effective approach and skill to select right articles for reading. This course covers three key components of scientific communications: selection, reading and writing of scientific literature.

Class Meetings: 4 PM – 6:20 PM, T

Classroom: Online Jan 19 - Mar 09; face to face, Liberal Arts Building 106, Mar 23- May 03

Text: No textbook

Examinations and grading:

Attendance & participation 25%

Presentation 25%

Review paper: 50%

A=90-100, B=80-89, C= <80

Academic Dishonesty (e.g. Cheating/Plagiarism) and Expected Behavior: Students at UTEP are expected to behave in a manner that supports the integrity of the academic system. Cheating, plagiarism and collusion are unethical and prohibited, and will result in disciplinary action. A [zero tolerance policy for plagiarism](#) will be applied. For more information, please check the web site www.plagiarism.org. Briefly, plagiarism is using information or original wording in a paper without giving credit to the source of that information or wording: it is not acceptable. Do not submit work under your name that you did not do yourself. You may not submit work for this class that you did for another class. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action per UTEP catalog policy. Refer to <http://www.utep.edu/dos/acadintg.htm> and <https://www.utep.edu/hoop/section-2/student-conduct-and-discipline.html> for further information.

Classroom Etiquette: Attendance of the entire class duration will only be counted into grade (i.e. coming late or leaving early would not have attendance grade). If you must arrive late, leave early, or exit the classroom during class time for personal reasons, please do so quietly and with as little disruption as possible. Cell phones or other text messaging devices should be off. Should you need to leave them on, please put them on a vibrate or silent mode. You are welcome to use a laptop or iPad to take notes but not for other purposes including surfing, emailing and watching movies or youtubes.

Disabilities: If you have a documented disability and require specific accommodations, you will need to contact the Center for Accommodations and Support Services (CASS) in the East Union Bldg Room 106 within the first two weeks of classes. CASS can also be reached in the following ways: Web, www.sa.utep.edu/cass, Phone: (915) 747-5148 voice or TTY; E-Mail: cass@utep.edu
Also please see me personally before or after class in the first two weeks or make an appointment, to discuss any special needs you might have.

Course Schedule

Module	Date	Topic
1		Goals and organization professional communications/etiquettes
2		Select & read research papers - write summary
3		Presentations - oral and poster
4		Write a mini-review manuscript - topic selection, draft, final to submit