

BIOL5131 (CRN 23897)
Ethical, Social, and Political Dimensions
2018 Spring

Instructor:

Kyung-An Han, Ph. D.

Office: 3.152 Biosciences Building

Hours: by appointment

email: khan@utep.edu

Class Meetings: 10:30 AM - 11:20 AM Wed

Classroom: Health Science/School of NURS 215

Text: There is no textbook for this class. Handouts on selected topics will be distributed when appropriate.

Grading:

Attendance: 50% of the grade

Presentation: 20%

Essays: 30% (three essays, making 10% per each essay)

Presentation is on a case report relevant to the course's scope (topics listed in the next page) and for about 10 min followed by 10 to 15 min discussion. Topics and contents triggering active discussion are highly preferable.

Three essays are due. Each essay on your thoughts/feedbacks on the topics listed in the next page should be about [one page, single spaced, and font Arial 11](#), and should be submitted electronically via email. **Each essay is due by Feb 21, Mar 21, and Apr 25.**

Final grades will be assigned as follows:

A=90-100, B=80-89, C=70-79, D=60-69, F=0-59

Academic Integrity. Academic integrity is the pursuit of scholarship free from fraud and deception. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabrication of information or citations, facilitating acts of dishonesty by others, possessing unauthorized copies of examinations, submitting the work of others claimed as one's own, submitting work used for other classes (without the knowledge of the instructor) or tampering with the work of other students. All work submitted for this class must be original and not the result of discussions with others. Instances of academic dishonesty threaten the atmosphere of trust and free exchange of ideas. Such instances will result in the offending student receiving a failing grade for work discovered to be fraudulent and for egregious cases, the student may be dismissed from the class with a failing grade.

Accessibility. If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

Discussion Topics:

Legal issues arising from advanced genetic information (Criminal and Civil cases)
Stem cell research, gene transfer and genetic engineering
Experimental use of animals (primates, rodents, etc.)
Research involving human subjects (informed consent, etc.)
Scientific Integrity – research misconduct (data fabrication, etc.)
Academic and social issues related to performance enhancing drugs (Ritalin, etc.)

Schedule

| Class | Date | Topic |
|-------|--------|--|
| 1 | Jan 17 | Introduction and overview |
| 2 | Jan 24 | FAS |
| 3 | Jan 21 | FAS/Legal issues |
| 4 | Feb 7 | Legal issues |
| 5 | Feb 14 | Stem cell issues/genetic engineering |
| 6 | Feb 21 | Stem cell issues/genetic engineering 1 st essay due |
| 7 | Feb 28 | Animal research (Dr. Miranda - tentative) |
| 8 | Mar 7 | Research involving human subjects (Dr. Field - tentative) |
| 9 | Mar 21 | Issues related to performance enhancing drugs 2 nd essay due |
| 10 | Mar 28 | Research Integrity |
| 11 | Apr 4 | Research Integrity; Group 1 |
| 12 | Apr 11 | Case presentations: Group 2 & Group 3 |
| 13 | Apr 18 | Case presentations: Group 4 & Group 5 |
| 14 | Apr 25 | Case presentations: Group 6 & Group 7 3 rd essay due |
| 15 | May 2 | Case presentation/other left-over topics |

***Please email me the case to be presented in a ppt file by Tue before the scheduled presentation day.**