

MCB3841W, MCB in Society:

This writing course is focused on MCB topics that have an impact on people. Some of the topics we'll cover are bioethics, epidemic diseases, the microbiome and its role in health, synthetic biology as a tool for creating things, making bioartificial organs and fertility treatments. Students write papers exploring bioethical issues, comparing biotechnology companies as an investment, a newspaper article based on a scientific article and a summary of a scientific article that was reported on in a major newspaper. Students will also give presentations based on 2 of their writing assignments so students can learn about biotechnology companies and about recent research which has broad appeal. Grading is based on the papers, participation including discussions and their presentations, and a final exam.

Fall 2018
RESEARCH LITERATURE IN MOLECULAR AND CELL BIOLOGY
MCB 3841W

When: Tues. and Thurs. 2:00 - 3:15 PM
Where: TLS Room 263 (usually)

Instructor: Dr. Juliet Lee
Office: BPB, 306
Email: Juliet.lee@uconn.edu
Phone: 860-486-4332
Office hours: By appointment

Text: The Elements of Style, 4th edition,
William Strunk Jr. & E.B. White, Longman Publishers
The pdf is available on the Husky CT site for this course

The major goal of this course is to:

1. Learn professional science writing skills
2. Improve organization and expression of scientific concepts
3. Use science writing to improve mental discipline, focus and problem solving skills – in other words, **Writing To Learn (WTL)**.

Assignments: A *minimum* of 15 revised and edited pages of writing is a standard requirement for all W courses.

For MCB 3841W, this will consist of:

- **Five** assignments, four written consisting and one PowerPoint presentation. Written assignments consist of about (~ 3 - 4 pages) based on:
 - a) class lectures and discussions
 - b) assigned papers
- There will be two consecutive rounds of revisions for **each** writing assignment (1 peer review and 1 instructor review).
- The subject of this course concerns the role of the cytoskeleton in cell behavior and disease, including modern techniques used to study these processes.
- Topics covered in this course include: cell motility, inflammation, signaling, stem cells, and cancer

Grading:

- There is **NO FINAL EXAM**
- Your grade is calculated from, assignments (80%) and class participation (20%), which includes attendance, and the ability to meet all assignment deadlines.

DISABILITIES

Any student with disabilities that he/she would like the faculty to be aware of should communicate that information in confidence to the faculty and any issues arising will be addressed in accordance with the policy of the University.

ACADEMIC MISCONDUCT STATEMENT:

“Academic misconduct in any form is in violation of the University of Connecticut Student Conduct Code and will not be tolerated. This includes, but is not limited to copying or sharing answers on tests or assignments, plagiarism, and having someone else do your academic work. Depending on the act, a student could receive an F grade on the test/assignment, F grade for the course, or could be suspended or expelled.”

Policy on Plagiarism

Plagiarizing is defined as “**To steal and pass off (the ideas or words of another) as one's own: use (another's production) without crediting the source**”(www.Merrian-Webster.com, 2005)

Plagiarism violates the Academic Misconduct section of “The Student Code” of the University of Connecticut (<http://web.uconn.edu/mcb201/misconduct.html>) and will not be tolerated in MCB courses. The instructors of MCB 241W will adhere to the guidelines laid out in “The Student Code”; therefore, students should read and understand these policies and the consequence of violations.

The definition of plagiarism extends to all aspects of evaluated work in this course. **Copying another student's work is plagiarism. Failure to give full and proper citation to other people's work is plagiarism.** Full and proper citation includes putting quotation marks around any quoted passage, including a correct citation to the publication from where the ideas originated and a complete reference to that publication in the "literature cited" section. This applies to all forms of communication including websites or personal communication from someone, such as would occur in verbal discussions of scientific data. Direct quotations are appropriate when the original statements would lose clarity or intent. However, your assignment should not include multiple direct quotations. **Paraphrasing of other authors' work is acceptable given that the ideas contained in the paraphrased passage are properly attributed to the author and the ideas are reworded into the student's own original language.**

There are many resources available to students:

PLEASE COMPLETE THE PLAGIARISM MODULE IN HUSKYCT.

Should you need additional information the following web sites may be of help:

<http://www.lib.uconn.edu/using/tutorials/LILT/plagiarism.htm>

http://owl.english.purdue.edu/handouts/print/research/r_plagiar.html

The penalties for copying another student's work are:

1. A "0" for the entire assignment.