**Stat 3494W/BIST 5099/STAT 5099**

**Undergraduate Seminar/ Graduate Investigation of Special Topics**

**Spring 2021**

**Class Time and Room**:

Section 001: Monday 3:35 pm-4:25 pm

<https://us.bbcollab.com/guest/d829882f5af4483aac2d0341a4becde5>

Section 002: Monday 4:40 pm-5:30 pm

<https://us.bbcollab.com/guest/d829882f5af4483aac2d0341a4becde5>

We will try our best to upload each presentation one day before being presented in the folder called Class Presentation in your huskyCT.

During the online class, please mute your microphone unless you are presenting or asking questions.

**Instructor: Professor Lynn Kuo**

Email: lynn.kuo@uconn.edu

URL: <http://www.stat.uconn.edu/~lynn>

Office: <https://uconn-cmr.webex.com/meet/lyk02001>

Office Hours: Monday 5:30-6:30 pm and Thursday 2:00-3:00, webex meeting with link for Office as above.

**Graders for 3494W: Mr. Boyi Zhang**

Email: boyi.zhang@uconn.edu (prefer to be contacted via email)

Office: <https://uconn-cmr.webex.com/meet/boz18005>

Office Hours: Monday 1:30 pm-2:30 pm, webex meeting with the link for Boyi Zhang’s office as above.

**Descriptions**:

(A) 3494W. Undergraduate Seminar. Either Semester. One credit.

Prerequisite: ENGL 1010 or 1011 or 2011 and STAT2215 or STAT3115Q and STAT3025Q or STAT3375Q.

Each student should attend at least 7 seminars per semester (attendance will be taken for each class), and choose one statistical topic to investigate in detail. The student will write a well revised comprehensive paper on this topic, including an abstract followed by (1) an introduction including an overview and a literature review, (2) description of technical details, (3) results, and (4) a conclusion section on discussions. A well-presented scientific project with valid results using real data and appropriate statistical methods is highly recommended. Examples of the paper are given in your HuskyCT. Please read them throughout the semester while you develop your own writings.

The paper should be at least 15 pages long. The student is expected to do a considerable amount of literature search on the selected topic and use library and web resources. Your proposal and the first draft of the paper will be evaluated and corrected by the grader upon submission, based on which the student should revise the paper for final submission. As such, it is expected that STAT3494W will satisfy the Information Literacy Competency requirement as well.

Use Assignment in your HuskyCT to turn in all your assignments. Please upload your proposal for the paper to HuskyCT by March 1st. Talk to your grader or me beforehand if you need suggestions on the proposal. A bonus point of one point will be given for every time you visit your grader or me. Please submit the first draft to HuskyCT by April 5th, and your grader will make comments and edit your draft by April 26th, and then the final version is due back to HuskyCT by May 7th. Throughout the semester, you are encouraged to bring your writing which can be quite preliminary to your grader or me for discussion and critique. Bonus points will also be given for each visit. Presentation in class is not required.

On April 26th in class, I will also hand out a feedback form for you to comment on all the presentations we have for this semester. The first question is on the clarity of each presentation, and the second question is on the usefulness of each presentation. You may prefer to take notes throughout the semester to make this task easier.

On grading, your proposal is weighted 20%, the first draft is weighted 40%, and the final paper is weighted 40%. Bonus points will be added to your final weighted average before grades are assigned. Attending at least 7 seminars is required. Attendance will be taken each week. According to university-wide policies for W courses, you cannot pass this course unless you receive a passing grade for its writing components.

The key for success for this course (STAT 3494W) is to talk to your grader or me as soon as possible to discuss a topic of your interests for your writing project, and discuss with your grader or me about your writings (could be several times) to ask suggestions for improvement. Please send your writing, which could be preliminary, to us at least one day before your online office hour so we could be better prepared to help you during the office hours.

In summary: there are three deadlines: 3/1 (Proposal), 4/5 (First draft), and 5/7 (Final paper). Late submissions are allowed only in exceptional circumstances with penalty. The rubrics for grading are given in the file “How to write a proposal and paper” in your class presentation folder in HuskyCT.

(B) BIST 5099-01/STAT 5099-01 Investigation of Special Topics. Either Semester. One credit.

This one-credit course is required at least once for all graduate students. It is a participating seminar. Each student is required to make a fifty-minutes presentation on a statistics topic that may be a description of your summer internship experience, a topic of your current research, or a discussion of a journal article. Please send me the title and abstract by the Thursday before the presentation. In the abstract, you should also specify one or two references for your presentation. Moreover, each person needs to submit the presentation (power point, post-script, or pdf format) within a week after it is done. Then I will post your presentation on the course website (linked from the List of Speakers listed below) shortly after. If you don’t want your presentation posted, please state so when you submit your presentation. Writing a paper on your presentation is not required. However, it is highly recommended, especially the paper has the potential for publication. The paper is due by May 7th by email.

For BIST 5099/STAT 5099, the key for success is to talk to Professor Kuo as soon as possible, to sign up a date for your presentation and discuss with her the best topic to present.

[List of Speakers](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2021s/Speakers_2021s.docx) : It contains names, titles, links to the abstracts, and presentations (in the last column).

( C ) University Writing Center

All UConn students are invited to visit the University Writing Center for individualized tutorials. The Writing Center staff includes talented and welcoming graduate and undergraduate students from across the humanities, social sciences, and sciences. They work with writers at any stage of the writing process, from exploring ideas to polishing final drafts. Their first priority is guiding each student’s revisions, so they frequently provide a sounding board for a writer’s ideas, arguments, analytical moves, and uses of evidence. They can also work with you on sentence-level concerns, but please note that they will not proofread for you; instead, they will help you become a better editor of your own work. You should come with a copy of the assignment you are working on, a current draft (or notes if you are not yet at the draft stage), and ideas about what you want out of a session. Tutorials run 45 minutes and are free. You can drop in or make an appointment. For hours, locations, and more information, please go to [writingcenter.uconn.edu](http://writingcenter.uconn.edu/).

### ( D) Academic Integrity

In this course we aim to conduct ourselves as a community of scholars, recognizing that academic study is both an intellectual and ethical enterprise. You are encouraged to build on the ideas and texts of others; that is a vital part of academic life. You are also obligated to document every occasion when you use another’s ideas, language, or syntax. You are encouraged to study together, discuss readings outside of class, share your drafts during peer review and outside of class, and go to the Writing Center with your drafts. In this course, those activities are well within the bounds of academic honesty. However, when you use another’s ideas or language—whether through direct quotation, summary, or paraphrase—you must formally acknowledge that debt by signaling it with a standard form of academic citation. Even one occasion of academic dishonesty, large or small, on any assignment, large or small, will result in failure for the entire course and referral to Student Judicial Affairs. For University policies on academic honesty, please see UConn’s Responsibilities of Community Life: The Student Code and the Office of Community Standards: [http://www.community.uconn.edu](http://www.community.uconn.edu/).

### ( E ) Students With Disabilities

Students who think that they may need accommodations because of a disability are encouraged to meet with me privately early in the semester. Students should also contact the Center for Students with Disabilities as soon as possible to verify their eligibility for reasonable accommodations.  For more information, please go to <http://www.csd.uconn.edu/>.