**Stat 3494W/Stat 5095**

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

**Fall 2021**

**Class Time and Room**: Section 001: Monday 3:35 pm-4:25 pm (AUST 103)

Section 002: Monday 4:40 pm-5:30 pm (AUST 102)

**Instructor: Professor Lynn Kuo**

**Email: lynn.kuo@uconn.edu**

Phone: (860) 486-2951

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

Office: AUST 330

**Office Hours: Monday 5:35 pm-6:30 pm (in person at AUST 330) and Thursday 2:30 pm-3:30 pm (virtual, via https://uconn-cmr.webex.com/meet/lyk02001), or by appointment (via my email).**

**Grader for 3494W-001: Ms. Yanyan Zhu (email: yanyan.zhu@uconn.edu)**

Office: AUST 301; **In person** **Office hours:** Wednesday 9:30 am to 10:30 am at AUST 301.

**Grader for 3494W-002: Mr. Yuhao Li (email: yuhao.li@uconn.edu)**

**Virtual Office hours:** Wednesday 2 pm to 3 pm virtual via [https://uconn-cmr.webex.com/meet/yul13023](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fuconn-cmr.webex.com%2Fmeet%2Fyul13023&data=04%7C01%7C%7C07e1aeb0fc394ebf7fc108d965296dc6%7C17f1a87e2a254eaab9df9d439034b080%7C0%7C0%7C637652050885635738%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=u4FiAjvYUZEp8dF3SNAVeljWTuiHbRXmsehU7OjvH%2Bk%3D&reserved=0).

The best and most reliable way to contact us is by email.

**Descriptions**:

1. **STAT 3494W-001 and STAT 3494W-002, Undergraduate Seminar:**

One credit, either semester.

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. Several examples of the paper are given in the “Recommended Reading” folder in your HuskyCT, and 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.

Please upload your proposal for the paper to HuskyCT by **October 18**. Talk to your grader and me beforehand if you need suggestions on the proposal. Bonus points will be given for every time you visit us. Please submit the first draft to HuskyCT by **November 15**, and your grader will make comments and edit your draft by November 29, and then the final version is due back to HuskyCT by **December 17**. You are expected to find a classmate in either sections to proofread your first draft and final paper before submissions. Throughout the semester, you are encouraged to bring your writing which can be quite preliminary to me and your grader for discussion and critique. Bonus points will also be given for each visit. Presentation in class is not required.

On December 6 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.

In summary: there are three deadlines: 10/18 (Proposal), 11/15 (First draft), and 12/17 (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 recommended reading folder in HuskyCT.

On grading, your proposal is weighted 20%, the first draft is weighted 40%, and the final paper is weighted 40%. Attending at least 7 seminars is required. Attendance will be taken each week.

The key to success for this course (STAT 3494W) is talking to your grader or me as soon as possible to discuss a topic of your interests for your writing project, and discuss with us about your writings (could be several times) to ask suggestions for improvement.

(B) STAT 5095-01 (M 3:35-4:25pm AUST 103); STAT 5095-02 (M 4:40 – 5:30pm, AUST 102) 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 your presentation**. In the abstract, you should also **specify one or two references for your presentation**. Moreover, **each person needs to submit the presentation (PowerPoint, 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 December 17 by email. The grading is 100% based on your presentation.

For STAT 5095, the key to success is talking to Professor Kuo as soon as possible, to discuss with her on the best topic to present and sign up for a date for your presentation.

( C ) The masking and social distancing policies:

*We follow University policy and expectations around masking and social distancing in our classrooms. There is a color coded system in place based on the* [*COVID dashboard*](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcoviddashboard.uconn.edu%2F&data=04%7C01%7C%7Cb347f36b6e7147300d9308d962782adb%7C17f1a87e2a254eaab9df9d439034b080%7C0%7C0%7C637649090521845995%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=2858VBS5k9493Rhigu2rUp7J6TdGl23wCGDUCCAqFnQ%3D&reserved=0)*. Currently the Storrs Alert Level is ORANGE. This alert level aligns with the Orange protocols identified on the* [*Covid-19 Gathering Guidelines*](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcoviddashboard.uconn.edu%2Fcovid-campus-residential-codes%2F&data=04%7C01%7C%7Cb347f36b6e7147300d9308d962782adb%7C17f1a87e2a254eaab9df9d439034b080%7C0%7C0%7C637649090521855992%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=DUWNK4cpDLc%2FzX5wY0JeXkkfx6p7SbsJ9Q4m9n7Zh0Q%3D&reserved=0) *. Students who fail to comply with University policy can be reported to Community Standards. Because this alert level can change at any time referring to University policy/expectations would be most beneficial.*

( D ) 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/).

### ( E) 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/).

### ( F ) 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/>.

(G) [List of Speakers](http://merlot.stat.uconn.edu/~lynn/3494_5095_web/2021f/speakers_2021f.docx): It contains names, titles, links to the abstracts, and presentations (in the last column).