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

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

**Fall 2016**

**Class Time**: Monday 4:40-5:30 pm

**Class Room**: AUST 344

**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 5:30-6:30 pm, Thursday 5:30 to 6:30 pm or by appointment

**Teaching Assistant/Grader for 3494W: Mr. Abhishek Bishoyi**

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Phone: (860) 208-9144

Office: AUST325

Office hours: Wednesday 5:30pm to 6:30 pm.

**Descriptions**:

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

Prerequisite: STAT2215 (201) or STAT3115Q (242) and STAT3025Q (220) or STAT3375Q (230).

All students who should attend at least 7 seminars per semester, 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 the paper including a literature review, description of technical details, results and a conclusion section on discussions. A well-presented scientific project with valid results using real data and appropriate statistical methods is highly recommended.

The paper will be at least 7 ½ pages long for those who have completed STAT3484 or those who needs to take STAT 3494W twice, otherwise it is at least 15 pages. The paper will be evaluated and corrected along its development, based on which the student should revise the paper for final submission. The student is expected to do a considerable amount of literature search on the selected topic and use library and web resources. 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 10. Talk to your TA and me beforehand if you need suggestions on the proposal. For those who have STAT3484 already, please specify in your proposal whether this a continuation of your STAT3484 paper or a new topic. Please submit the first draft to HuskyCT by November 7, and our TA will make comments and edit your draft by November 28, and then the final version is due back to HuskyCT by December 12. Presentation in class is not required.

On December 5 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%, first draft is weighted 40%, and the final paper is weighted 40%.

(B) STAT 5099-01/BIST 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 Ph.D. (MS, BIST) student is required to make a fifty-minutes (twenty five 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. 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 potential for publication. The paper is due by December12 by email.

(C) For stat 3494W, the key is to talk to your TA or me as soon as possible to discuss a topic of your interests. For Stat 5099/BIST 5099, the key is talk to me as soon as possible.

[List of Speakers](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2016f/speakers.docx) : It contains names, titles, links to the abstracts, and presentations (in the last column).