**Stat 3494W/BIST5099/STAT5099. Undergraduate Seminar/BIST Investigation of Special Topics/Graduate Investigation of Special Topics**

**Spring 2017**

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

**Class Room**: AUST 344

**Instructor: Professor Lynn Kuo**

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Phone: (860) 486-2951

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Office: AUST 330

Office Hours: Monday 5:30-6:30 pm, Tuesday 2:00 to 3:00 pm or by appointment

**Teaching Assistant/Grader for Stat3494W: Mr. Abhishek Bishoyi**

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Office: AUST325

**Descriptions**:

(A) STAT3494W. Undergraduate Seminar. Either Semester. One credit.

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

The student should attend at least 7 hours of seminars per semester, attendance will be recorded each week. Each student will write a well revised comprehensive paper on a statistical 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 15 pages long and 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 maintain a portfolio with material detailing his/her writing progress in order to ensure continuity and assessment of improvement in writing skills. 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 February 27. Talk to Dr. Kuo beforehand if you need suggestions on the proposal. Please submit the first draft to HuskyCT by April 3, and our TA will make comments and edit your draft by April 24, and then the final version is due back to HuskyCT by May 5. Presentation in class is not required.

On April 24 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.

(B) BIST5099/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 Ph.D. student is required to make a fifty-minutes presentation on a statistics topic that may be a description of summer internship experience, a topic of current research, or a discussion of a journal article. For the MS students, you need to find a partner to work on the same presentation. So two of you will make a presentation within the same hour. Each team of students need to sign up with me as early as possible for the time slot of the presentation. Please send me the title and abstract by the Thursday before the presentation. Moreover, each team 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 May 1 by email.

(C) For all three classes, the key is to talk to me as soon as possible to discuss a topic of your interests. For BIST5099/STAT5099, a team of two students are required to schedule and discuss topics of interests with me.

[List of Speakers](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2017s/Speakers.docx) (It contains names, titles, and presentation file names (in the last column) and links to the abstracts and presentations).