CTSC 5690
Critical Appraisal of Statistical Methods

Faculty: Felicity Enders, PhD
Credits: 1
Quarter: Winter
Prerequisites: CTSC 5600 and CTSC 5610

This course is required for the CTS Postdoctoral Master’s Degree program.

Overview
This course is designed to teach learners how to read and review articles in the medical literature, with an emphasis on analyzing and understanding the statistical aspects. Evaluation will be based on quizzes and a final exam.

Objectives
Upon successful completion of this course, students will be able to:

- Identify and assess key components (checklists) for different types of scientific articles
- Interpret the results of a variety of statistical methods to aid in reading and writing scientific articles
- Identify problems encountered in applying statistical methods to real questions

Evaluation
This course will evaluate scholars on participation and homework assignments.

Students will be expected to spend approximately two to four hours per week on content from this 1-credit course.

Additional online modules related to this topic are available on the Continuous Professional Development website.

For specific dates and times this course is provided, please see the quarterly detailed course schedule.