

CTSC 5500

Genetic Epidemiology – Association Studies

Faculty: Susan Slager, Ph.D.

Credits: 1

Quarter: Spring of odd years

Prerequisites: CTSC 5300, CTSC 5310, CTSC 5600 and CTSC 5610

Overview

The goal of this course is to provide an in-depth discussion of study design, data collection, basic data analysis, and quality assurance/control of genetic association studies. The knowledge gained from this class will be integrated with the knowledge gained from the clinical epidemiology and biostatistics classes.

Objective

- To critically appraise articles from the current genetic epidemiology literature

Evaluation

This course will evaluate students on two article reviews based on the JAMA guidelines, a final exam and course attendance and participation.

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](#).