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.