

## CTSC 5940

# Secondary Data Analysis

**Faculty:** Elizabeth B. Habermann, Ph.D.

**Credits:** 1

**Quarter:** Fall

**Prerequisites:** CTSC 5600

### Overview

This course is divided into seven lectures given by faculty and guests where students will be introduced to secondary data analysis. Secondary data analysis takes advantage of data originally collected for other purposes in order to answer distinct health services research questions. There are many secondary data sources readily available, yet they are typically underutilized. As such, they provide a rich opportunity for empirical investigation and subsequent publication. Data sources covered in this class include survey data (individual, household and provider surveys), administrative data (hospital, outpatient and administrative claims), and cancer and clinical registry data.

### Objectives

- To identify a variety of secondary data sources available for health-related research
- To critically review quantitative research using secondary data sources
- To develop a research question and proposal appropriate for investigation using secondary data
- To effectively present a research proposal to a cohort of peers

### Evaluation

Attendance and participation are required for this course. Students will be graded on three written assignments which will allow the students to develop and answer a research question using secondary data sources. The culmination of these written assignments will be a 5 to 15 minute class presentation of their research proposal. Finally, students will be asked to critique two classmates' final proposals in a one-to two-page review.

Students will be expected to spend approximately two to four hours of time on this 1-credit course each week.

For specific dates and times this course is provided, please see the [quarterly detailed course schedule](#).