

CTSC 5240

Principles and Practices of Pediatric Research

Faculty: Robert Jacobson, M.D.

Credits: 2

Quarters: Winter & Spring (class extends over 2 quarters)

Prerequisites: None

Overview

This 2-quarter seminar course addresses the special concerns and challenges faced by investigators when conducting clinical research involving infants, children, or teenagers. The course will address both the principles and practice of pediatric research as it applies to epidemiological, observational, and experimental studies. Topics include ethics, regulation, parental permission, assent, funding, recruitment, retention, remuneration, data collection and analysis.

Objectives

- To address the special concerns and challenges faced by clinical investigators when conducting clinical research involving infants, children or teenagers
- To create a collection of references relevant to the principles and practice of pediatric research using reference management software
- To articulate, in writing and with authority, your approach to these special concerns and challenges when applying for grants, communicating with collaborators, seeing IRB approval, and reviewers
- To collaborate with colleagues in responding effectively to these special concerns and challenges

Evaluation

Students will complete weekly exercises designed to be building blocks for the week's course content. Additionally two projects including the completion of a reference-manager library and the creation of study-related materials will be required. There will be two exams consisting of essay questions to be completed in class.

Students will be expected to spend approximately two to three hours per week on content from this 2-credit course.

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