



GRADUATE CERTIFICATE IN CLINICAL RESEARCH

EXPLORE POSSIBILITIES IN CLINICAL RESEARCH

The Graduate Certificate in Clinical Research program combines knowledge from biostatistics, epidemiology and study design with training in ethical, legal and regulatory issues in patient-oriented research. Upon completion of the Certificate Program, individuals will achieve basic competency in the following domains:

- ◆ Formulation of Clinical Research Questions
- ◆ Literature Critique
- ◆ Study Design
- ◆ Analytic Methods
- ◆ Research Ethics

Who should apply?

The Certificate program provides foundational training in clinical research methods to those individuals who are seeking an alternative to the Master of Science Program in Clinical Research. It is geared towards clinicians (physicians, nurses, dentists, pharmacists, etc.) and other health-science professionals who are interested in conducting clinical research or collaborating with other clinician-scientists who conduct clinical research. This program is also beneficial to health-science students, basic-science researchers, and other health science professionals who would like to enhance their skills in patient-oriented research.

Admissions

- ◆ All applicants for the Certificate Program should submit a Personal Statement describing the reasons for seeking clinical research training and a recent CV or resume.
- ◆ Individuals who are not already graduate degree-seeking students at CWRU are admitted as non-degree-seeking candidates through CWRU School of Graduate Studies. Submission of a non-degree application form is required. Individuals who are not faculty, staff, or employees of CWRU must also submit a transcript or copy of their diploma, documenting completion of a baccalaureate degree.
- ◆ All application materials should be e-mailed, not later than May 15, 2015, to the Center for Clinical Investigation via Angela Bowling, MA, Education Administrator at ccieducation.case.edu, axb710@case.edu, or mailed to:

PROGRAM STRUCTURE

To earn the Certificate, students must complete:

- 4 courses totaling 11 credit hours
 - CRSP 401 - Introduction to Clinical Research
 - CRSP 402-Study Design & Epidemiologic Methods
 - NURS 630 - Advanced Statistics: Linear Models
 - CRSP 603 - Research Ethics and Regulation
- The online CITI Basic course in the Protection of Human Research Subjects, or your institution's equivalent.
- ◆ The Certificate Program can be completed in 2-4 semesters. Once accepted into the program, individuals have a maximum of 3 calendar years to complete the requirements. The program has rolling admissions, and students may start taking courses in the summer or fall semester.
- ◆ Grade of B or higher in each graded course is required for successful completion of the Certificate program.
- ◆ The Certificate is issued by the Center for Clinical Investigation, and coursework is listed on the official CWRU transcript. Course credits earned could be transferred to fulfill requirements for advanced degrees at CWRU or another institution.

Angela Bowling, MA
Education Administrator
Center for Clinical Investigation
Case Western Reserve University
Iris S. & Bert L. Wolstein Building
2103 Cornell Road, Room 6133
Cleveland, OH 44106-7291
Telephone: 216-368-2601
<http://casemed.case.edu/CRSP>