Undergraduate Clinical Research Training Resources

Blackboard → Courses → Search "Clinical Research Training" → Click Enroll (CAS.CLINICAL_RESEARCH_PREP)

Why might I want to complete this course?
If you are interested in working with human subjects in a health-related research or internship position, this is a great place to start! Completing all of the modules will provide you with the initial certifications necessary to get involved with human subjects and their data as well as knowledge of clinical research terminology and structure, thereby:

- Increasing your marketability as a candidate for health-related research and internship opportunities
- Showing initiative by satisfying many of the training requirements for the Emergency Department Research Assistant (EDRA) preparatory course in advance

How does these resources work?
These training materials can be completed entirely online at your own pace. In each of the 6 learning modules, you will find links to requisite trainings and one or more "assignments" to guide you through the training process. All assignments are optional, uncollected, and ungraded. Your completion (or not!) of these training modules does not in any way affect your GPA or show up on your transcript.

Modules and Timing

Module 1: 90 minutes
Externally hosted modules covering the basics of safety and privacy as a researcher

- Assignment 1: CITI Responsible Conduct of Research for Undergraduates Certificate
- Assignment 2: Rochester HIPAA Training Certificate

Module 2: 4-5 hours
Externally hosted module series covering Human Subject Protection topics requisite for ALL research involving human participants and/or their data

- Assignment 3: CITI Human Subjects Protection Training Certificate

Module 3: 4-5 hours
Externally hosted module series covering content specific to clinical trial and intervention-based human subjects research

- Assignment 4: CITI Good Clinical Practice Training Certificate

Module 4: 60 minutes
Introduction to clinical study design and protocols

- Assignment 5: Study Protocol Case Study Analysis
- Assignment 6: Systematic Reviews

Module 5: 45 minutes
Introduction to RedCap, a common data collection tool in clinical research, and electronic medical records.

- Assignment 7: UR Electronic Medical Records
- Assignment 8: Electronic Medical Records in Research

Module 6: 10 minutes
Review compliance expectations in preparation for clinical experiences at URMC