

Radiation Oncology: Clinical Research

RO 150.RS

General Information

COURSE CHAIR: Katelyn Atkins, MD PhD

STUDENT COORDINATOR'S CONTACT INFORMATION:

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STUDENTS / PERIOD: One

DURATION: Eight weeks

Requirement(s)

- Actively enrolled medical student
- On-site attendance

Description

Immersive clinical research elective in cardio-oncology (intersection of cancer, cancer treatment, and cardiovascular disease).

Mentorship and collaborative team experience working on productive clinical research project(s).

Tasks may include: EMR data abstraction, imaging analysis, image processing, data processing, scientific writing.

Course Objectives

1. Understand principles of clinical research and project designs.
2. Gain an introductory level knowledge about current concepts in cardio-oncology and principles of patient data collection for clinical research.
3. Become familiar with cancer staging, treatment types, and cardiovascular risk factors.
4. Perform literature searches to understand the area of research, study background, and gain a sense of appropriateness and scope of the proposed research study.
5. Effectively communicate the research project through end of clerkship presentation.

Student Experiences

- To be mentored by a physician scientist who will help guide research.
- Gain an introductory level knowledge about current concepts in cardio-oncology and principles of patient data collection for clinical research.
- Work with physician scientists and researchers in the realm of cardio-oncology research in a state-of-the-art facility.
- Network with mentors and peers within Dr. Atkins team and the Cedars-Sinai network.
- May participate in a wide range of campus activities, including lecture series and peer networking opportunities.