Course Description:

This course will serve as an advanced-level research seminar for students interested in clinical and/or translational radiation oncology. The student will be expected to function independently and to work with the course instructor for the purpose of generating a testable hypothesis for scientific research. This course is open to all UCD medical students, and 4th year visiting medical students.

** Student researchers will be required to complete a mandatory on-line research training prior to being permitted to work on research with a Principal Investigator **

Orientation:

Day 1
Meet with the course instructor who will provide an overview of the proposed project and who will provide insight on how the work entailed fits in with both the laboratory goals and the clinical question or topic that it addresses

Mid-way
Meet with Course Instructor to discuss rotation

End of rotation
A summary will be prepared by the student and presented to the department research focused staff and faculty.

Important Phone and Pager numbers:

Allen M. Chen, M.D., Assistant Professor: 734-8051, 762-0290
Richard Valicenti, M.D., Professor and Chair: 734-7888, 762-1602
Jyoti Mayadev, M.D., Assistant Professor 734-8269, 762-9234
Arta Monjazeb, M.D., Assistant Professor 734-8251, 762-5715
Ruben Fragoso, M.D., Assistant Professor 734-8276, 762-0213
Andrew Vaughan, PhD, Professor 734-8726
Jian-Jian Li, MD, PhD, Professor 703-5174
Matthew Coleman, PhD, Associate Professor 703-5022
Tiffany Fairbanks, Course Coordinator 734-8252

Locations:

Research will be performed (depending on IOR):

- Oak Park Facility
  - Building# 47, Lab Area 1108
  - 2700 Stockton Avenue
  - Sacramento, CA 95817
OBJECTIVES

- To gain experience in scientific research design
- To acquire the skills necessary for hypothesis generation
- To become adept at data collection and organization
- To develop familiarity with statistical analysis
- To gain experience in data preparation and manuscript writing

EXPECTATIONS

- The student will be expected to prepare progress reports regularly updating the status of the research
- It is expected that the student prepare a high-level manuscript for publication in a peer-reviewed journal upon completion of the course

Suggested References:


Telecommunications Information

Phones: To call within the Medical Center, dial 4+XXXX or 3+XXXX (4-digit extension). To call the Davis Campus, dial 9+1+530+752+XXXX (4-digit extension). To call outside the Medical Center within the Sacramento area, dial 9+the seven-digit number.

Pager: How to page: To call while inside the Medical Center, dial 9+762-XXXX. You will then be asked to enter your numeric message after the tone (your telephone number). To page from outside the Medical Center, dial 762-XXXX.