Department of Radiation Oncology

Website: http://radonc.wustl.edu

Courses

Graduate Programs in Medical Physics

For course information related to the Master of Science in Medical Physics, the PhD in Medical Physics, and the Post-PhD Graduate Certificate in Medical Physics, please visit the Medical Physics page (http://bulletin.wustl.edu/medicine/areas-of-study/medical-physics/#courses) of this Bulletin.

MD/MSTP Programs

The Department of Radiation Oncology offers courses that are open to students in the MD and MSTP (MD/PhD) programs. For course information, please visit the online course listings (https://acadinfo.wustl.edu/CourseListings/Semester/Listing.aspx).

M92 RadOnc 801 Clinical Radiation Oncology (Clinical Elective)
The Radiation Oncology clinical division offers an elective with emphasis on the evaluation, planning, and administration of radiation therapy in patients with malignant tumors. Students will have the opportunity to enhance their knowledge of the natural history of cancer as well as its pathological and biological features. Students will sharpen their clinical skills by participating in the management of cancer patients. Students will be mentored to prepare and lead a department noon conference on the management of a specific patient's care, including literature review and discussion. Students will be expected to prepare for clinical consultations by reviewing patient records and relevant literature, obtaining the patient's history, and performing a physical examination. This will be followed by presenting findings and a proposed care plan to the attending and resident physicians. This course is designed for MS4 students who are entering the Radiation Oncology Match. If a student is an MS4 applying in another specialty but interested in a radiation oncology elective, we encourage them to pursue a two-week special study elective in Radiation Oncology.

Student time distribution: Inpatient 10%; Outpatient 75%; Conferences/Lectures 15%; Subspecialty Care 100%

Patients seen weekly: 20-35

On-call/weekend responsibility: ACR students will participate in on-call duties during the rotation.

Credit 140 units.

M92 RadOnc 910 Radiation Oncology Advanced Clinical Rotation (ACR)
The Department of Radiation Oncology invites students planning to apply for radiation oncology residency to enroll in the Radiation Oncology Advanced Clinical Rotation (ACR). The field of radiation oncology involves the delivery of therapeutic radiation for patients with malignant and some benign conditions. Radiation oncology is a field which has a great team dynamic among physicians, physicists, nurses, therapists, social workers, and many others. We also collaborate in a multi-disciplinary fashion with medical oncology and surgical oncology. Clinical care will be provided at Barnes-Jewish Hospital, South County, and West County.