Clinical Rotation in Small Animal Radiation Oncology
Tomotherapy
What we do:

- Manage radiotherapy patients
  - Diagnosis through treatment
- Tumor imaging (CT)
- Computerized treatment planning
- Oversee tomotherapy treatments
- Anesthesia
- Work with pet owners
- Side effect management
About the service:

• Inpatients and outpatients
  – Treatments are one day to 4 weeks long

• Daily patient rounds with med oncology

• Daily didactic student rounds

• Radiotherapy team: One faculty, usually two residents, medical physicist, radiation technician, anesthesia team, receptionist

• 1-3 students per rotation
  – One week rotations okay!
  – Customized experience
What do you do?

- Radiation patient management
  - Daily physical exams and patient care
  - Daily client communication

- See new and recheck appointments
  - Coordinate work ups/diagnostic tests including CTs

- Do routine procedures
  - Catheter placement; venipuncture; FNA; etc.

- Early parts of treatment planning
  - Contouring structures on CT images
What you get:
A multi-disciplinary experience

- Radiation Oncology
- Oncology
- Client Communication
- Anesthesia
What you learn:

*Learn in rounds and by doing!

- Principles of oncology
- Tumor types treated radiotherapy
  - Tumor behavior, staging, treatment, outcome
- Basic introduction to radiotherapy
- Practice PE skills
- Practice client communication skills
- Outpatient anesthesia principles
- Catheter placement
- Venipuncture, FNA, etc.
What we want from you:

- Enthusiasm
- No clinical oncology experience required

