

Department of Radiology

General

Goals:

1. Familiarize the student with the various diagnostic imaging modalities, e.g., conventional radiography, digital radiography, computerized tomography, magnetic resonance imaging, diagnostic ultrasound and nuclear scintigraphy.
2. Define the relative diagnostic advantages of each modality and their application as relates to specific clinical situations.
3. Introduce the basic tenets of radiological interpretation.
4. Encourage an awareness of radiation protection.
5. Acquaint the student with the role of the radiology technologist as a vital member of the imaging team.

Content:

- four dedicated rotations of one week each in abdominal, musculoskeletal, chest and neuro imaging.
- in lieu of one or more of the above, specific selectives at the discretion of the student, e.g., ultrasound.

Teaching Methods:

- one-on-one film read-outs with a staff radiologist or senior resident.
- instructional handouts
- self-instruction (textbook and film libraries, video and laser discs)
- daily departmental conferences
- attendance at the academic half day lectures (Wednesday afternoons)
- case submission, including literature review, to the film library (optional)
- self-evaluation quiz provided by the department (optional)

Call Responsibilities:

At least one weekday evening (till 9:00 p.m.) and one weekend day with the on-call resident and staff person.

Evaluation: Exit interview with the preceptor.

Availability: Year-round on a first come, first served basis.

Number of Students: Six (3 each at HSC and SBGH). Actual number of students accepted dependent on availability of staff, particularly over the summer months. In the event of applications exceeding the maximum accepted, preference will be decided by seniority.