

RADI 800A - Research**Dr. M. Taljanovic & Faculty (626 7709)**

3, 4 or 6 wks; maximum length of 6 wks; offered year round

Directly supervised/Patient care or non-patient care.

Maximum enrollment of 5

Prerequisites: Medicine 803; Basic Radiology elective; permission of instructor required

Goals: To provide interested students with the opportunity to participate in ongoing research within the Department of Radiology. For example, the student might correlate gross anatomy of various joints with imaging modalities of the same specimen utilizing routine radiography, CT, MR, etc.**Format:** Each research experience will be coordinated with an individual staff member from the Radiology Department. The student will participate in ongoing research projects or a study will be designed and tailored to meet the student's interests and future goals. Based on areas of interest, the student should directly contact the appropriate Radiology staff member. The Radiology secretary coordinating the elective can provide specific information.**Evaluation Methods:** Students will be individually evaluated by their research preceptor according to goals set by the student and preceptor at the start of the elective.**RADI 815A - Diagnostic Radiology****Dr. M. Taljanovic & Faculty (626 7709)**4 wks *only*; offered year round *except* May or June

Directly supervised/Patient care

Maximum enrollment of 8

Prerequisites: General Systemic Pathology 801; Medicine 803

Goals: To expose the student to the various aspects of Radiology as well as training the student to interpret basic radiologic studies in preparation for future career endeavors.**Format:** The four-week elective at UMC is divided into four one-week assignments in which the student is assigned to a certain subspecialty of radiology (neuroradiology, pediatric radiology, etc.). The assignments are designed in a manner to be most suitable for individual student needs. There are daily conferences/lectures designed for the medical student provided by the Radiology faculty to cover the basic areas of radiology that may not be necessarily covered in daily didactic interactions. The student is expected to complete the assigned radiology text during the rotation. (*Elective experience is also available in Phoenix at Good Samaritan Regional Medical Center, RADI 815AG; St. Joseph's Hospital, RADI 891Bf; and Scottsdale Healthcare, RADI 815As.*)**Evaluation Methods:** The student grade is based on subjective evaluation by the staff and on the results of an examination. At the end of the elective, each participating faculty member submits to the course coordinator his/her impression of the student based on his/her personal contact during daily activities and student conferences. In addition, an examination is given at the end of the elective, and the student also completes a presentation.**RADI 815B - Nuclear Medicine****Drs. Gobar, W. Williams, F. Almeida & H. Barrett (626 7709)**3 wks *only*; offered year round

Directly supervised/Patient care

Maximum enrollment of 1

Prerequisites: Medicine 803

Goals: To gain an understanding of the role of radiotracers and diagnostic nuclear medicine procedures in the management of patients with cancer, heart disease, renal disease, and a variety of other medical problems. The student will work-up and follow patients referred to Nuclear Medicine and will have hands-on experience in performing tests using radiotracers.**Format:** Participate in planning and performing nuclear medicine procedures. Attend daily readout and teaching sessions. Prepare and present one case for the teaching file. Attend UMC conferences where nuclear medicine cases are presented.**Evaluation Methods:** Participation and discussion at daily readout sessions and at conferences.

RADI 815C - Neuroradiology

Drs. J. Seeger, Carmody & W. Erly (626 7709)

3 wks *only*; offered year round

Directly supervised/Patient care

Maximum enrollment of 1

Prerequisites: Senior medical students; Diagnostic Radiology 815A; Medicine 803

Goals: To gain a better understanding of the role of neuroradiology in the diagnosis of diseases of the CNS. Especially useful for the student planning a career in one of the neurosciences.

Format: Attend daily CT and MRI readout and teaching sessions. Observe performance of CT, MRI, cerebral angiography, myelography and MRA. Attend city-wide neuroradiology conference every Tuesday, 12-1 PM. Attend Brain Tumor Board Conference every Wednesday, 8-9 AM.

Evaluation Methods: Personal observation of student progress by preceptor.

RADI 815D - Pediatric Radiology

Dr. Gilbertson (626 7709)

4 wks *only*; offered year round

Directly supervised/Patient care

Maximum enrollment of 1

Prerequisites: Senior medical students; General & Systemic Pathology; Medicine 803

Goals: To gain an understanding of the role of diagnostic imaging in the pediatric patient. Suggested for students planning a career in pediatrics.

Format: Attend daily pediatric readout sessions observe performance of pediatric fluoroscopy and ultrasound. Attend pediatric radiology teaching sessions Tuesday and Thursday and pediatric morning report Monday/Wednesday/Friday. The student will have access to the pediatric radiology teaching file and will prepare one case for the teaching file while on the rotation. The student will work closely with a radiology resident.

Evaluation Methods: Daily teaching sessions and discussion of teaching file cases. Special projects are optional but can be done for extra credit.

RADI 891Ai/891Au - Radiology

Dr. M. Taljanovic & Faculty (626 7709)

3, 4 or 6 wks; maximum length of 6 wks; offered year round

Directly supervised/Patient care

Maximum enrollment of 1

Prerequisites: General and Systemic Pathology 801; Medicine 803; must be approved by the Departmental Electives Coordinator

Goals: To provide the student an opportunity to study radiology at approved hospitals throughout the United States (or the world!). The Department of Radiology will approve requests for study at all programs with an ongoing student training program. It is the responsibility of the student to contact these programs and arrange for acceptance.

Format: Varies with institution.

Evaluation Methods: The evaluation form of the College of Medicine may be used; however, if the preceptor prefers to use the evaluation form of his/her school, this will be acceptable.

RADI 899 - Independent Study (International Radiology available)

Dr. M. Taljanovic & Faculty (626 7709)

1, 2, 3 or 6 wks; maximum length of 18 wks; offered year round

Directly supervised/Patient care or non-patient care.

Maximum enrollment varies

Prerequisites: Medicine 803; Medical students only. Must have preceptor before department will approve.

Goals: The goal of this elective is to allow the student to work with a particular faculty member in pursuit of a particular field of study in radiology.

Format: As arranged between student and instructor.

Evaluation Methods: As arranged.