Diagnostic Radiology

Chair: Philip Johnson, M.D.

The diagnostic radiology department actively participates in all four years of the curriculum. The first year correlates radiology with anatomy as part of the presentation of the Department of Anatomy and Cell Biology. Various types of X-rays and imaging studies including vascular studies, MRI, and CT demonstrate the necessity of a firm foundation in anatomy and illustrate how changes in anatomy form the foundation of disease processes. This brings anatomy and the patient to the student in a meaningful manner. During the third and fourth years, the department offers educational programs in four-week modules. Students serve rotations in radiology and nuclear medicine. Students receive basic instruction in principles of radiology and its different modalities and observe the tools and methodology of imaging. Radiology conferences are given daily and weekly as part of other departmental curricula, such as neurosurgery, neurology, cardiology, pediatrics, medicine, orthopedics, and gastroenterological conferences. The student is trained and guided in accumulating knowledge and skill in the imaging diagnosis of disease.

**DIAG 910. Diagnostic Radiology. 4 Hours.**
The student will work in all phases of diagnostic radiology including gastrointestinal, neuroradiology, pediatric radiology, cardiovascular and special procedure radiology. Offered in Modules I-IV, VII-XI. Prerequisite: Medical Basic Sciences. FLD.

**DIAG 911. Nuclear Medicine-University of Kansas Medical Center or Veteran Administration Hospital, Leavenworth. 4 Hours.**
The student will participate in examination of patients and use of radioisotopes in diagnosis (scanning techniques) and treatment. Offered in modules I-XII. Prerequisite: Medical Basic Sciences. FLD.

**DIAG 913. Radiological Research. 4 Hours.**
Students may work with radiology staff in any of the following areas: radiological sciences, health physics, radiation biology, application of computers to radiology, radiological engineering, clinical research. Offered in modules I-XII. Prerequisite: Consent of instructor. IND.