Oral Pathology, Radiology, and Medicine

Head
• John W. Hellstein

Professional certificates: oral and maxillofacial pathology; oral and maxillofacial radiology
Faculty: https://www.dentistry.uiowa.edu/oral-pathology-radiology-medicine-faculty
Website: https://www.dentistry.uiowa.edu/oral-pathology-radiology-medicine

The Department of Oral Pathology, Radiology, and Medicine educates predoctoral students and professional students, who may pursue graduate study along with their professional training. The department has diverse curricular responsibility and a faculty with widely varied disciplinary expertise.

D.D.S. Student Training

The department teaches Doctor of Dental Surgery and other health care students about diseases that manifest in and around the oral and maxillofacial region. Students learn about the clinical, radiographic, laboratory, histopathologic, and therapeutic management of these diseases and about their etiology and natural history. They also study identification of systemic diseases and the oral implications through physical evaluation of patients.

Programs

Professional Programs of Study

Certificates
• Certificate in Oral and Maxillofacial Pathology
• Certificate in Oral and Maxillofacial Radiology

Facilities

Facilities reserved for the Department of Oral Pathology, Radiology, and Medicine include a radiology special procedures area, an interpretation room, a surgical oral pathology laboratory, a clinical pathology laboratory with areas for histopathology, and a seminar room for small groups of graduate and undergraduate students.

In addition, the College of Dentistry has joint-use research laboratories that are well equipped and staffed for conducting research involving histology, histochemistry, materials technology, radiobiology, ultrastructure, and electron probe analysis and quantification.

Courses

Oral Pathology, Radiology, and Medicine Courses

OPRM:5200 Stomatology Literature Review 0-3 s.h.
Current literature in oral and maxillofacial pathology and radiology; presentation of graduate student research; development of lectures or seminars for D.D.S. or graduate students, or continuing education for peers and practicing dentists.

OPRM:5225 Manifestations of Oral and Paraoral Disease 0-3 s.h.
Clinical experience in diagnosing, managing patients.

OPRM:5226 Oral Pathology for Graduate Students 0-1 s.h.
Head and neck diseases, abnormalities.

OPRM:5227 Surgical Oral Pathology 0-1 s.h.
Experience in day-to-day operations of surgical oral pathology laboratory; advanced training in histopathologic diagnosis of oral and maxillofacial diseases. Corequisites: OPRM:5240, if not taken as a prerequisite.

OPRM:5228 Introduction to Surgical Oral Pathology 0-1 s.h.
Day-to-day operations of surgical oral pathology laboratory; histopathologic diagnosis of oral and maxillofacial diseases.

OPRM:5230 Research in Oral Pathology, Radiology, and Medicine 0-3 s.h.
Includes thesis preparation.

OPRM:5238 Introduction to Histopathology 0-1 s.h.
Case studies; histopathologic diagnosis of diseases that affect oral and maxillofacial region.

OPRM:5240 Histopathology 0-1 s.h.
Case studies; advanced training in histopathologic diagnosis of diseases that affect oral and maxillofacial region. Corequisites: ORDN:5202, if not taken as a prerequisite.

OPRM:5241 Hospital Oral Pathology, Radiology, and Medicine 0-3 s.h.
Management of patient consultations, diagnosis, therapy at a hospital-based dental service.

OPRM:5242 Clinical Oral and Maxillofacial Radiology 0-3 s.h.
Radiologic manifestations of diseases; emphasis on craniofacial complex.

OPRM:5243 Practical Oral and Maxillofacial Radiology 0-3 s.h.
Clinic participation; supervision of dental and dental hygiene students, review of their cases; participation in clinical radiology conferences, laboratory exercises.

OPRM:5244 Technical Oral and Maxillofacial Radiology 0-3 s.h.
Experience with technical maintenance of darkroom, clinical equipment; troubleshooting under supervision of radiology staff.

OPRM:5245 Head and Neck Radiology 0-3 s.h.
Hospital-based rotation in diagnostic radiology with participation in interpretation sessions; CT, MRI, nuclear medicine, ultrasound.